TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

0' TVD 0.0°

Operator				Contractor			County / Parish /	Block		Engineer	Start D	ate	24 hr f	tg.		Depth			
	enerv	est			TTERS	ON		arnea)4/2	2/20		0 ft			0	ft	
Well Name and No.		H UNIT	2 - 2H	Rig Name an	248		State T I	EXAS		Spud Dat	te)4/27	7/20	Currer	ot ROP Oft/hr		Activity Rig	Dow	n/M	ove
Report for	VED / E	ODDY	OWININ	Report for	al Dua		Field / OSC-G #			Fluid Typ			Circula	ating Rate		Circulat	_		
JAIVIES D			TY SPECIF		ol Pus	ner		DINGS			PUMI			0 gpm PUMP #2		DIS	ER BO	si nost	ED
Weight	PV	YP	GELS	pH	API fl	% Solids	MUD VO	•	0 bbl	Liner		0	Line		0	Liner		0031	
8.4-9.4	2-10	2-10	<5 <15	8.8-9	<30	2-10	In Hole		0 bbl	Stro		0			0	Stro		C	
0.4-3.4		UD PROF		0.0-3	\30	2-10	Active		0 bbl	bbl/s		0.000			000	bbl/		0.00	
Time Sample		OD I KOI	LICILO	0:00	0:00	0:00	Storage		0 bbl	stk/r		0.00			000	stk/i		0.00	
Sample Locati				No Mud	0.00	0	Tot. on Lo		0 bbl	gal/r		0			0	gal/i		C	
Flowline Temp		·F		0 °F	0 °F	0 °F	Mud Wt. =		PV=0	YP:				N DATA		Ŭ	UE!		
Depth (ft)				0'	0'	0'		Bit Depth					ut = 5%		Pump	Efficie			
Mud Weight (p	opa)			0.0	0.0	0.0			me to Bit	t 0.0 l			kes To Bit		·	Time 1		0 n	
Funnel Vis (se			@ 0 °F	0	0	0	Drill String Disp.		s Up Vol.				nsUp Stks			msUp		0 n	
600 rpm				0	0	0	0.0 bbl		Circ.Vol.				alCirc.Stks			I Circ.		0 n	
300 rpm				0	0	0				SEMBL						s cor			
200 rpm				0	0	0	Tubulars	OD (in	.) IC) (in.)	Ler	ngth	Тор	Unit		Scre	ens	Ho	urs
100 rpm				0	0	0	Drill Pipe	•	•	.000)'	0'	Shaker	· 1	17	0	0.	.0
6 rpm				0	0	0	Hevi Wt	0.000	0	.000	C)'	0'	Shaker	2	17	0	0.	0
3 rpm				0	0	0	Drill Pipe	0.000	0	.000	C)'	0'	Shaker	. 3	17	0	0.	.0
Plastic Viscos	ity (cp)		@ 120 °F	0	0	0	Collars	0.000	0	.000	()'	0'	Desand	ler	C)	0.	0
Yield Point (lb/			T0 = 0	0	0	0		CAS	SING &	HOLE [DATA			Desilte	er	C)	0.	0
Gel Strength () 10 s	sec / 10 min				Casing	OD (in	.) IC) (in.)	De	pth	Тор	Centrifuç	ge 1	C)	0.	0
Gel Strength (lb/100 ft2	?)	30 min	0	0	0	Riser	0	0	.000	()'		VOLUM	IE AC	COU	NTING	(bbl	s)
API Filtrate / C	Cake Thic	kness	@ 0 °F				Surface	0	0	.000	()'	0'	Prev. T	otal o	n Loc	ation		0.0
HTHP Filtrate	/ Cake T	hickness	@ 0 °F				Int. Csg.	0	0	.000	C)'	0'	Transfe	erred I	n(+)/C	out(-)		0.0
Retort Solids (Content			0.0	0.0	0.0	Washout 1	0	0	.000	C)'	0'		Oil	Adde	d (+)		0.0
Retort Oil Con	ntent			0.0	0.0	0.0	Washout 2	0	0	.000	C)'	0'		Barite	Adde	d (+)		0.0
Retort Water (Content			0.0	0.0	0.0	Oper	n Hole Si	ze 0	.000	C)'		Other Pr	oduct	Usag	e (+)		0.0
Sand Content				0.0	0.0	0.0	AN	NULAR	GEOME	TRY &	RHE	OLOGY	<i>'</i>	,	Water	Adde	d (+)		0.0
M.B.T. (Methy	lene Blue	e Capacity) (ppb)				annula	r		velo	city	flow	ECD	Le	ft on (Cutting	gs (-)		0.0
pН				0	0	0	section		depth	ft/m		reg	lb/gal	Non-Re	ecover	able V	ol. (-)		0.0
Alkalinity, Muc	d Pm			0	0	0	0		0'	0.0	0	0	0.00	-	Disc	charge	ed (-)		0.0
Alkalinities, Fil	Itrate Pf/N	Лf					0		0'	0.0	0	0	0.00	Est. T	otal o	n Loc	ation		0.0
Chlorides (mg	/L)			0.00	0.00	0.00	0		0'	0.0	0	0	0.00	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm))			0	0	0	0		0'	0.0	0	0	0.00	BIT	HYDF	RAULI	CS D	ATA	
Excess Lime ((lb/bbl)			0.00	0.00	0.00	0		0'	0.0	0	0	0.00	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	nds)
Average Spec	ific Gravi	ty of Solid	s	2.60	2.60	2.60	0		0'	0.0	0	0	0.00	#DIV/0!	#DI	V/0!	0	0	0
Percent Low 0	Gravity So	olids		0.0	0.0	0.0	0		0'	0.0	0	0	0.00	Bit Impact		zzle	0	0	0
Percent Drill S	Solids			0.0	0.0	0.0	0		0'	0.0	0	0	0.00	Force	Velo (ft/s	ec)	0	0	0
PPA Spurt / Te	otal (ml)	@	@ 0 °F				0)	М	anuf./Ty	ре		0	#VALUE!)	0	0	0
Estimated Total	al LCM in	System	@ 0 °F	0.0	0.0	0.0	Size	Depth	ln H	lours	Foo	tage I	ROP ft/hr	Motor/M	WD	Calc	Circ.	Pres	sure
Sample Taker	n By			0	0	0	0	0 ft		0.0	0	ft	0.0	psi			#DI\	//0!	
Remarks/Reco	ommendat	ions:					Rig Activity:												
RIG MOVE																			
0																			_
0							At this time of Goodrich Ur			g down	and n	nake pr	eparation	ns to move i	ig to r	new lo	cation	. Lev	i
0																			
0																			
J	ike Washb 61-945-57		ng. 2: Adol hone: 956-		WH 1			WH 2: hone:	WH i	#2	Ri	g Phone	e:	Daily Total		Cu	mulat	ve Co	st
W P Y	g G	р А	s c	Any opir	nion and or	recommend	ation, expresse user so elects,	d orally or				prepare		\$1,910.00)	,	31,91	0.00	
0 2 2	1 1	0 1	0 0				ormation, and t		commend	lation only	у.			\$1 910 00			\$1 Q1		

INCLUDING 3RD PARTY CHARGES

\$1,910.00

\$1,910.00 Previous Cost \$0.00

0' TVD

Previous Cost \$1,910.00

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

0.0°

Operator				Contractor			County / Parish /	Block		Engineer St		24 hr	ftg.		Depth			
Well Name and No.	enerv	est		PA Rig Name an	TTERS	ON	Ka State	arnea		04 Spud Date	/22/20	Curre	0 ft		Activity	0 1	t	
LEVI GO		н иміт	Г 2 - 2Н		248		TE	EXAS		04	/27/20		0 ft/hr		R		OVE	<u> </u>
JAMES D	YER / B	овву	GWINN	Report for To	ol Pusi	ner	Field / OSC-G #	DING	S	Fluid Type	NBM	Circu	lating Rate 0 gpm		Circulati	-	sure Si	
	MUD	PROPER	RTY SPECII	FICATION	ıs		MUD VO	LUME	(BBL)	P	JMP #1		PUMP #2		RISE	ER BO	OST	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits		0 bbl	Liner Si	ze (Line	er Size	0	Liner	Size	0	
8.4-9.4	2-10	2-10	<5 <15	8.8-9	<30	2-10	In Hole		0 bbl	Stroke	(St	roke	0	Stro	ke	0	
	М	UD PRO	PERTIES				Active		0 bbl	bbl/stk	0.00	000 bi	ol/stk 0.0	0000	bbl/s	stk	0.00	00
Time Sample	Taken			0:00	0:00	0:00	Storage		<u>0 bbl</u>	stk/mir	n (st	√min	0	stk/r	min	0	
Sample Locati	ion			No Mud	0	0	Tot. on Loc	cation	0 bbl	gal/mir	n (ga	ıl/min	0	gal/r	min	0	
Flowline Temp	oerature °	F		0 °F	0 °F	0°F	Mud Wt. =	0.0	PV=0	YP=0	CIF	CULATION	ON DATA		#VAL	UE!	#VAL	UE!
Depth (ft)				0'	0'	0'	Е	Bit Dept	h = '		Wash	out = 5%		Pump	Efficie	ency =	95%	
Mud Weight (p	opg)			0.0	0.0	0.0	Drill String	Volu	ıme to Bi	t 0.0 bb	l Str	okes To B	t 0		Time T	o Bit	0 m	in
Funnel Vis (se	ec/qt)		@ 0 °F	0	0	0	Disp.	Bottom	ıs Up Vol	. 0.0 bb	l Botto	msUp Stk	s 0	Botto	msUp	Time	0 m	in
600 rpm				0	0	0	0.0 bbl	Tota	alCirc.Vol	. 0.0 bb	l To	alCirc.Stk	s 0	Tota	al Circ.	Time	0 m	in
300 rpm				0	0	0		DRILL	ING AS	SEMBLY	DATA		s	OLID	s con	ITRO	L	
200 rpm				0	0	0	Tubulars	OD (ii	n.) IE) (in.)	Length	Тор	Unit		Scre	ens	Hou	irs
100 rpm				0	0	0	Drill Pipe	0.00	0 0	.000	0'	0'	Shakei	r 1	17	0	0.0)
6 rpm				0	0	0	Hevi Wt	0.00	0 0	.000	0'	0'	Shakei	r 2	17	0	0.0)
3 rpm				0	0	0	Drill Pipe	0.00	0 0	.000	0'	0'	Shakei	r 3	17	0	0.0)
Plastic Viscos	ity (cp)		@ 120 °F	0	0	0	Collars	0.00	0 0	.000	0'	0'	Desand	der	0		0.0)
Yield Point (lb/	/100 ft²)		T0 = 0	0	0	0		CA	SING &	HOLE DA	TA		Desilte	er	0		0.0)
Gel Strength (lb/100 ft²)) 10	sec / 10 min				Casing	OD (ii	n.) IE) (in.)	Depth	Тор	Centrifuç	ge 1	0		0.0)
Gel Strength (lb/100 ft2)	30 min	0	0	0	Riser	0	0	.000	0'		VOLUM	IE AC	COUN	TING	(bbls	s)
API Filtrate / C	Cake Thic	kness	@ 0 °F				Surface	0	0	.000	0'	0'	Prev. 7	Total c	n Loca	ation		0.0
HTHP Filtrate	/ Cake TI	hickness	@ 0 °F				Int. Csg.	0	0	.000	0'	0'	Transfe	erred I	ln(+)/O	ut(-)		0.0
Retort Solids (Content			0.0	0.0	0.0	Washout 1	0	0	.000	0'	0'		Oil	l Adde	d (+)		0.0
Retort Oil Con	itent			0.0	0.0	0.0	Washout 2	0	0	.000	0'	0'		Barite	Adde	d (+)		0.0
Retort Water (Content			0.0	0.0	0.0	Oper	Hole S	Size 0	.000	0'		Other Pi	roduct	t Usage	e (+)		0.0
Sand Content				0.0	0.0	0.0	ANI	NULAR	GEOME	ETRY & R	HEOLOG	Υ	,	Water	Adde	d (+)		0.0
M.B.T. (Methy	lene Blue	Capacit	y) (ppb)				annulaı		depth	velocit	y flow	ECD	Le	eft on (Cutting	js (-)		0.0
pН				0	0	0	section		асрит	ft/min	reg	lb/gal	Non-Re	ecover	rable Vo	ol. (-)		0.0
Alkalinity, Muc	l Pm			0	0	0	0		0'	0.0	0	0.00		Dis	charge	ed (-)		0.0
Alkalinities, Fil	ltrate Pf/N	Лf					0		0'	0.0	0	0.00	Est. 7	Total c	on Loca	ation _		0.0
Chlorides (mg	/L)			0.00	0.00	0.00	0		0'	0.0	0	0.00	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm))			0	0	0	0		0'	0.0	0	0.00	BIT	HYDI	RAULI	CS D	ATA	
Excess Lime (lb/bbl)			0.00	0.00	0.00	0		0'	0.0	0	0.00	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32ı	nds)
Average Spec	ific Gravit	ty of Solid	ds	2.60	2.60	2.60	0		0'	0.0	0	0.00	#DIV/0!	#DI	V/0!	0	0	0
Percent Low 0	Gravity Sc	olids		0.0	0.0	0.0	0		0'	0.0	0	0.00	Bit Impact		zzle ocity	0	0	0
Percent Drill S	Solids			0.0	0.0	0.0	0		0'	0.0	0	0.00	Force		sec)	0	0	0
PPA Spurt / To	otal (ml)	@	@ 0 °F				0		М	anuf./Type	9	0	#VALUE!		0	0	0	0
Estimated Tot	al LCM in	System	@ 0 °F	0.0	0.0	0.0	Size	Depth			ootage	ROP ft/h	r Motor/M	WD	Calc.		Press	ure
Sample Taker	п Ву			0	0	0	0	0 ft		0.0	0 ft	0.0	psi			#DI\	//0!	
Remarks/Reco	mmendat	ions:					Rig Activity:											
RIG MOVE																		
0							0 11 11	L D' . L						11.20	0.011	D		
0							Continue wit material for s	•	•	•								
0																		
0															ı			
J	ke Washb 61-945-57		Eng. 2: Adol Phone: 956-		WH 1: Phone:			VH 2: hone:	WH:	#2	Rig Phor	ie:	Daily Total		Cu	mulati	ve Cos	st
W P Y	g G	р А	s C	Any opir	nion and or	recommend	ation, expresse user so elects,	d orally o					\$3,244.75	5	\$	5,15	4.75	
0 2 2	1 1	0 1	0 0	,			ormation, and t	nis is a re	ecommend	dation only.			62.044.	•		he	4 75	
							Ir	NCLUD	ING JKL	PARTY (JHAKGE	3	\$3,244.75	,		\$5,15	4./5 s Cost	

TEL: (337) 394-1078

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° (

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 0 ft 0 ft Well Name and No me and No 04/27/20 **LEVI GOODRICH UNIT 2 - 2H** 248 **TEXAS** 0 ft/hr Rig Up/Move Field / OCS-G # eport for luid Type rculating Rate irculating Pressure **JAMES DYER / BOBBY GWINN Tool Pusher GIDDINGS WBM** 0 gpm psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight **GELS** рН API fl % Solids In Pits Liner Size Liner Size Liner Size 8.4-9.4 2-10 2-10 <5 <15 8.8-9 <30 2-10 In Hole 38 bbl Stroke 12 Stroke 12 Stroke 0 bbl bbl/stk 0.0997 bbl/stk 0.0997 bbl/stk 0.0000 stk/min stk/min stk/min Time Sample Taken Storage gal/min gal/min Sample Location No Mud No Mud No Mud Tot. on Location 38 bbl gal/min O 0 0 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) Bit Depth = Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) Volume to Bit 0.0 bblStrokes To Bit Time To Bit **Drill String** Disp. Funnel Vis (sec/qt) @ 0 °F Bottoms Up Vol. 0.0 bbl BottomsUp Stks BottomsUp Time 600 rpm 0.0 bbl Riser Ann. Vol. 0.0 bbl Riser Strokes Riser Circ. Time **DRILLING ASSEMBLY DATA SOLIDS CONTROL** 300 rpm OD (in.) ID (in.) Unit 200 rpm Tubulars Length Top Screens Hours Drill Pipe 0 0' Shaker 1 140-80 100 rpm Hevi Wt Shaker 2 140-80 0 6 rpm Dir. BHA 0' Shaker 3 140-80 3 rpm Desander Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = **CASING & HOLE DATA** Desilter OD (in.) ID (in.) Centrifuge 1 Gel Strength (lb/100 ft²) 10 sec/10 min Casing Depth Top 30 min 19.124 108' **VOLUME ACCOUNTING (bbls)** Riser 20 Gel Strength (lb/100 ft2) API Filtrate / Cake Thickness Surface 108' 0.0 Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg 108' Transferred In(+)/Out(-) Retort Solids Content Oil Added (+) 0.0 Retort Oil Content Barite Added (+) 0.0 Retort Water Content Open Hole Size 0.000 0' Other Product Usage (+) 0.0 ANNULAR GEOMETRY & RHEOLOGY Sand Content Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular meas velocity flow ECD section depth ft/min reg lb/gal Non-Recoverable Vol. (-) Ha Discharged (-) Alkalinity, Mud Pm Alkalinities, Filtrate Pf/Mf Est. Total on Location 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) 38.4 **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Nozzles (32nds) Excess Lime (lb/bbl) Βίτ ΔΡ 2.60 2.60 2.60 Average Specific Gravity of Solids Nozzle Percent Low Gravity Solids Bit Impact Velocity Force Percent Drill Solids (ft/sec) PPA Spurt / Total (ml) @ @ 0 °F **BIT DATA** Manuf./Type ppb ROP ft/hr Motor/MWD Estimated Total LCM in System Size Depth In Hours Footage Calc. Circ. Pressure Sample Taken By Rig Activity: Remarks/Recommendations: At this time we continue with Rig Up operations on the Levi Goodrich Unit 2-2H. Reciving OBM from Madisonville Mud Plant, 9.5ppg, storing same on Frac tanks on location. Mike Washburn Adolfo Roman Cumulative Cost Eng. 2: MIDLAND WH 2: WH #2 Rig Phone: Daily Total Eng. 1: 956-821-9994 432-685-4023 Phone Phone: Phone: Phone en herein, has been prepared Any opinion and or recommendation, expressed orally or written herein, has been p carefully and may be used if the user so elects, however, no representation is made \$1.910.00 \$7.064.75 W Ρ р 0 0 0 0 validity of this information, and this is a recommendation only **INCLUDING 3RD PARTY CHARGES** \$1,910.00 \$7,064.75

MATERIAL CONSUMPTION

SUBMICENTIC SACK BARTED 1906 at 2010 100	Date 04/24/20	Operator	NOLIA OU	8 GAE	Well Name a	Ind No.	MIT 2 2LI	Rig Name an	d No.	Report No.	ort #2
Nom	04/24/20				LEVIGO	DURICH U	NII 2 - 2H	24	10		
March Marc		DAILT	USAGE		Ι	- ·					AIIVE
SAPP (50)	Item	Unit	Unit Cost	Inventory	Received	Inventory		Daily Cost			Cum Cost
PRIFA LIDIDIG (Sell)	ALUMINUM TRISTEARATE	25# sk	\$162.83	40		40					
DYNA DET P81 \$39.28 32 32 32 32 33 34 34 34	SAPP (50)	50# sk	\$44.50	126		126					
CACCI (SGS)		5 gal									
LIME (50)	DYNA DET	pail	\$32.23	32		32					
LIME (50)											
EME (50) 50% sh \$5.00 100 100											
REM-WATE ISACK BARITE) 1006 sk 511.00 140 140 140 140 140 140 140 140 140 1	CACL2 (50)	50# sk	\$16.60	112		112			•		
BARITE BULK (100) 100 e sk \$7.00	LIME (50)	50# sk	\$5.00	100		100					
BARITE BULK (100) 100 e sk \$7.00											
BARTE BULK (100) 100# sk \$7.00									-		
BARITE BULK (100) 100 e sk \$7.00											
BARITE BULK (100) 100 e sk \$7.00											
BARITE BULK (100) 100 e sk \$7.00											
BARITE BULK (100) 100 e k \$7.00											
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BARITE BULK (100) 100 e sk \$7.00											-
BARITE BULK (100) 100 e sk \$7.00											
BARTE BULK (100) 100# sk \$7.00											
BARITE BULK (100) 100 e sk \$7.00											
BARITE BULK (100) 100 e sk \$7.00											
PAGINEERING (24 HR) ENGINEERING (24 HR) ENGINEERING (01EM) ENGINEERING (01EM) ENGINEERING (01EM) ENGINEERING (MILES) each \$1.00 FRUCKING (cwt) each \$2.50 TRUCKING (cwt) each \$2.50 TRUCKING (cwt) each \$2.50 380 \$3 TRUCKING (cwt) each \$2.50 380 \$3 TRUCKING (cwt) each \$1.00 TRUCKING (cwt) each \$1.00 15 \$1 SHRINK WRAP (ca) each \$1.00 15 \$1 51 \$1 51 \$1		100# sk	\$11.50	160		160					
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH	BARITE BULK (100)	100# sk	\$7.00								
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH									•		
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 2 \$60.00 ENGINEERING (MILES) each \$1.00 2 \$1,850.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) each \$1.00 ENGINEERING (MILES) Each \$1.00 EACH EACH EACH EACH EACH EACH EACH EACH											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (min) each \$795.00 FALLETS (ea) each \$12.00 5 STRUCKING (min)											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (cwt) each \$795.00 TRUCKING (min) each \$795.00 Each \$12.00 5 TRUCKING (min) Each \$12.00 5 TRUCK											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (cwt) each \$795.00 TRUCKING (min) each \$795.00 Each \$12.00 5 TRUCKING (min) Each \$12.00 5 TRUCK											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (cwt) each \$795.00 TRUCKING (min) each \$795.00 Each \$12.00 5 TRUCKING (min) Each \$12.00 5 TRUCK											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (cwt) each \$795.00 TRUCKING (min) each \$795.00 Each \$12.00 5 TRUCKING (min) Each \$12.00 5 TRUCK											
ENGINEERING (24 HR) each \$925.00 2 \$1,850.00 6 \$1.00 ENGINEERING (MILES) each \$1.00 5 TRUCKING (cwt) each \$795.00 TRUCKING (min) each \$795.00 Each \$12.00 5 TRUCKING (min) Each \$12.00 5 TRUCK											
ENGINEERING (DIEM) bbl \$30.00	OPTI DRILL (OBM)	bbl	\$65.00								
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
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ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		6	\$5,550.00
TRUCKING (cwt)	ENGINEERING (DIEM)		\$30.00								\$180.00
TRUCKING (min) each \$795.00 PALLETS (ea) each \$12.00 15 \$1 SHRINK WRAP (ea) each \$12.00 15 \$1	ENGINEERING (MILES)	each	\$1.00								
TRUCKING (min) each \$795.00 PALLETS (ea) each \$12.00 15 \$1 SHRINK WRAP (ea) each \$12.00 15 \$1											
TRUCKING (min) each \$795.00 PALLETS (ea) each \$12.00 15 \$1 SHRINK WRAP (ea) each \$12.00 15 \$1											
TRUCKING (min) each \$795.00 PALLETS (ea) each \$12.00 15 \$1 SHRINK WRAP (ea) each \$12.00 15 \$1	TRUCKING (cwt)	each	\$2.50							390	\$974.75
PALLETS (ea) each \$12.00 15 \$1 SHRINK WRAP (ea) each \$12.00 15 \$1											
	PALLETS (ea)	each	\$12.00								\$180.00
Dally Col. Tatal 64 040 00	SHRINK WRAP (ea)	each	\$12.00							15	\$180.00
Daily Sub-Total \$1,910.00			Daily S	ub-Total \$1	1,910.00	Cumula	tive Total \$	7,064.75		\$7.06	64.75

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
04/24/20	MAGN	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	ort #3
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
						_				
	Cum	ulative Tota	al AES & 3re	d Party \$7,0	064.75	_				

Report #4

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.0° 0' TVD

Operator				Contractor			County / Parish /	Block		Engineer Start D	Date	24 hr ft	g.		Drilled [Depth	
MAGI Well Name and No	NOLIA (OIL & G	SAS	PA Rig Name ar	TTERS	ON	WASH State	HINGTON	1	04/2 Spud Date	2/20	Curren	0 ft		Activity	0 1	t
LEVI GO		H UNIT	2 - 2H	Report for	248			EXAS		04/2	7/20		0 ft/hr			Rig	
JAMES D	YER / B	OBBY	GWINN	To	ol Pusi	ner	GID	DINGS		WE	ВМ		0 gpm			p	si
	MUD	PROPER	TY SPECIF	ICATION	s		MUD VO	LUME (BB	L)	PUM	P #1		PUMP #2		RISI	ER BC	OSTER
Weight	PV	YP	GELS	pН	API fI	% Solids	In Pits			Liner Size	6	Liner	Size 6	5	Liner	Size	
8.4-9.4	2-10	2-10	<5 <15	8.8-9	<30	2-10	In Hole	0 b	obl	Stroke	12	Stro	oke 1	2	Stro	ke	
							Active	0 b	obl	bbl/stk	0.0997	bbl	/stk 0.0	997	bbl/	stk	0.0000
Time Sample	Taken						Storage)		stk/min		stk/	min		stk/r	min	
Sample Locati	on			No Mud	No Mud	No Mud	Tot. on Lo	cation 0 b	obl	gal/min	0	gal/	min ()	gal/ı	min	0
Flowline Temp	erature °F							PHHP = 0		CI	RCULATIO	ON DA	TA				
Depth (ft)							E	Bit Depth =	1		Washout =	: 5%		Pump	Efficie	ency =	95%
Mud Weight (բ	opg)						Drill String	Volume	to Bit	0.0 bbl	Strokes	To Bit			Time 1	o Bit	
Funnel Vis (se	ec/qt)		@ 0 °F				Disp.	Bottoms Up	Vol.	0.0 bbl	BottomsU	p Stks		Bottor	msUp	Time	
600 rpm							0.0 bbl	Riser Ann	. Vol.	0.0 bbl	Riser S	trokes		Rise	r Circ.	Time	
300 rpm								DRILLING	ASS	SEMBLY DA	ATA		S	OLIDS	S CON	ITRO	L
200 rpm							Tubulars	OD (in.)	ID	(in.) Lei	ngth T	ор	Unit		Scre	ens	Hours
100 rpm							Drill Pipe			(0'	0'	Shaker	1	140	-80	
6 rpm							Hevi Wt					0'	Shaker	2	140	-80	
3 rpm							Dir. BHA					0'	Shaker	3	140	-80	
Plastic Viscos	ity (cp)		@ 120 °F									0'	Desand	er			
Yield Point (lb.	/100 ft²)		T0 =					CASIN	G & F	HOLE DATA	1		Desilte	er			
Gel Strength (lb/100 ft ²)	10	sec/10 min				Casing	OD (in.)	ID	(in.) De	epth T	ор	Centrifug	je 1			
Gel Strength (lb/100 ft ²)		30 min				Riser	20		10	08'		VOLUM	IE AC	COU	ITING	(bbls)
API Filtrate / C	Cake Thick	ness					Surface				1	08'	Prev. T	otal o	n Loc	ation	0.0
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.				1	08'	Transfe	rred I	n(+)/C	ut(-)	
Retort Solids (Content													Oil	Adde	d (+)	0.0
Retort Oil Con	tent												1	Barite	Adde	d (+)	0.0
Retort Water	Content						Oper	Hole Size	0.	000	0'		Other Pr	oduct	Usag	e (+)	0.0
Sand Content							ANI	NULAR GE	OME.	TRY & RHE	OLOGY		\	Vater	Adde	d (+)	
M.B.T. (Methy	lene Blue	Capacity)	(ppb)				annulai			velocity	1	CD	Le	ft on C	Cutting	js (-)	0.0
рН							section	de _l	JIII	ft/min	reg lb.	/gal	Non-Rec	overa	ble Vo	ol. (-)	
Alkalinity, Muc	l Pm													Disc	charge	ed (-)	
Alkalinities, Fi	trate Pf/M	f											Est. T			_	0.0
Chlorides (mg	/L)												Est. Los				0.0
Calcium (ppm)													HYDR	I		
Excess Lime (Bit H.S.I.	Bit	ΔΡ	Nozzle	es (32nds)
Average Spec			S	2.60	2.60	2.60								NI.	1.		
Percent Low 0		ids											Bit Impact Force	Noz Velo	city		
Percent Drill S			0.1.5										1 0100	(ft/s	ec)		
PPA Spurt / T	. ,		@ 0 °F				BIT D	I		anuf./Type	,	2.67	NA - 1 /NA)	A/D	0-1-	0:	D
Estimated Tot		System	ppb				Size	Depth In	Н	ours Foo	otage ROF	P ft/hr	Motor/M\	ND	Calc.	Circ.	Pressure
Sample Taker																	
Remarks/Reco							Rig Activity:										
OBM REC	EIVED:	1786 bk	ols														
										with Rig U							
							Reciving location.	ORM trom	ı Mad	disonville M	iud Plant,	э.5рр	g, storing	same	on F	rac ta	inks on
												1					
Ü	ke Washbu 61-945-577		Ü	o Roman 321-9994	WH 1: Phone:	MIDLA 432-685		NH 2: hone:	WH # -	2 Ri	ig Phone:		Daily Total		Cu	mulati	ve Cost
W P Y 0 2 2	g G 1 1	p A 0 1	S C 0 0	Any opin carefully	nion and or and may b	recommenda e used if the	ation, expressed user so elects, his is a recomm	d orally or writ however, no	repres				\$4,136.50		\$	11,20	1.25
								•		PARTY CH	ARGES		\$4.136.50		\$	11.20	1.25

MATERIAL CONSUMPTION

04/25/20	Operator MAG	NOLIA OIL	& GAS	Well Name a	na No. ODRICH UN	NIT 2 - 2H	Rig Name an	d No. Report N	epo	rt #4
	DAILY	USAGE 8	COST					CUI	NUL	.ATIVE
			Previous		Closing	Daily		Cum	.	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usag		Cum Cost
ALUMINUM TRISTEARATE	25# sk	\$162.83	40		40					
SAPP (50)	50# sk	\$44.50	126		126					
PHPA LIQUID (pail)	5 gal		64		64					
DYNA DET	pail	\$32.23	32		32				_	
		<u> </u>							\dashv	
									\dashv	
CACL2 (50)	50# sk	\$16.60	112		112				-	
LIME (50)	50# sk	\$5.00	100		100				\dashv	
LINE (30)	50# SK	φ3.00	100		100				\dashv	
									-	
									_	
									$oldsymbol{\bot}$	
		<u> </u>								
		ļ							ightharpoonup	
		<u> </u>								
									_	
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160	200	160				_	
BARITE BULK (100)	100# sk	\$7.00		890	890				_	
		<u> </u>							_	
		<u> </u>							_	
									-	
									_	
									-	
									\dashv	
									\dashv	
									-	
									-	
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM)	bbl	\$65.00		1786	1786					
OPTI DRILL (OBM) ENGINEERING (24 HR)	bbl	\$65.00		1786	1786	2	\$1,850.00		8	\$7,400.00
ENGINEERING (24 HR) ENGINEERING (DIEM)				1786	1786	2 2 2			8 8 8	
ENGINEERING (24 HR)	each	\$925.00		1786	1786					
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00		1786	1786					
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00		1786	1786					
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl	\$925.00		1786	1786		\$60.00		8	\$240.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl	\$925.00 \$30.00 \$1.00		1786	1786		\$60.00		8	\$240.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each bbl each	\$925.00 \$30.00 \$1.00 \$2.50		1786	1786	2	\$60.00	1	8	\$240.00 \$3,201.25
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each	\$925.00 \$30.00 \$1.00 \$2.50 \$795.00 \$12.00		1786	1786	2	\$60.00	1	281	\$240.00 \$3,201.25 \$180.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each	\$925.00 \$30.00 \$1.00 \$2.50		1786	1786	2	\$60.00	1.	281	\$7,400.00 \$240.00 \$3,201.25 \$180.00 \$180.00

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
04/25/20	MAGN	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	48	Repo	ort #4
	DAILY	USAGE 8	k COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
			_			_				
	Cum	ulative Tota	I AES & 3rd	Party \$11,	201.25					
						l				

Report #5

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

Operator				Contractor			County / Parish /	Block		Engineer Sta	art Date	24 hr	ftg.	D	illed [Pepth		
	NOLIA (OIL & G	SAS		TTERS	ON		HINGTO			/22/20		0 ft			0	ft	
Well Name and No.	ODRIC	H UNIT	2 - 2H	Rig Name ar	nd No. 248		State TI	EXAS	!	Spud Date 04	/27/20	Curre	o ft/hr	A	Ri	g Re	pai	rs
Report for JAMES D	YFR / B	OBBY	GWINN	Report for	ol Pusi	her	Field / OCS-G #	DINGS		Fluid Type V	VBM	Circul	ating Rate 0 gpm	С	rculati	ng Pres	ssure	
071111200			RTY SPECIF					LUME (BE	BL)		JMP #1		PUMP #2		RISI	ER BO	oos	ΓER
Weight	PV	YP	GELS	рН	API fl	% Solids			-,	Liner Siz	ze (6 Line		6 L	iner	Size		
8.4-9.4	2-10	2-10	<5 <15	8.8-9	<30	2-10	In Hole	0	bbl	Stroke	1	2 Sti	roke 1	2	Stro	ke		
							Active	0	bbl	bbl/stk	0.0	997 bb	ol/stk 0.0	997	bbl/s	stk	0.0	000
Time Sample	Taken						Storage)		stk/min	ı	stk	c/min		stk/r	nin		
Sample Location	on			No Mud	No Mud	No Mud	Tot. on Lo	cation 0	bbl	gal/min	1 (0 ga	l/min (0	gal/r	nin		0
Flowline Temp	erature °F	<u> </u>						PHHP = 0			CIRCUL	ATION DA	ATA					
Depth (ft)							E	Bit Depth =	1		Wash	out = 5%	1	Pump E	fficie	ency =	95%	ó
Mud Weight (p	pg)						Drill String	Volume	to Bit	0.0 bbl	l St	rokes To Bi	t	Ti	me T	o Bit		
Funnel Vis (se	c/qt)		@ 0 °F				Disp.	Bottoms U	p Vol.	0.0 bbl	l Botto	omsUp Stks	5	Bottom	sUp	Time		
600 rpm							0.0 bbl	Riser Anı	n. Vol.	0.0 bbl	l R	iser Strokes	S	Riser (Circ.	Time		
300 rpm								DRILLIN	G ASS	EMBLY I	DATA		S	OLIDS	CON	ITRO	L	
200 rpm							Tubulars	OD (in.)	ID	(in.) L	Length	Тор	Unit		Scre	ens	Но	urs
100 rpm							Drill Pipe				0'	0'	Shaker	1	140	-80		
6 rpm							Hevi Wt					0'	Shaker	2	140	-80		
3 rpm							Dir. BHA					0'	Shaker	3	140	-80		
Plastic Viscosi	ty (cp)		@ 120 °F									0'	Desand	ler				
Yield Point (lb/	(100 ft²)		T0 =					CASIN	IG & H	IOLE DA	TA		Desilte	er				
Gel Strength (I	b/100 ft²)	10	sec/10 min				Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifug	je 1				
Gel Strength (I	b/100 ft ²)		30 min				Riser	20			108'		VOLUM	IE ACC	OUN	ITING	(bb	ls)
API Filtrate / C	ake Thick	ness					Surface					108'	Prev. T	otal on	Loca	ation		0.0
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.					108'	Transfe	erred In(+)/O	ut(-)		
Retort Solids C	Content													Oil A	dde	(+) b		0.0
Retort Oil Con	tent													Barite A	dde	(+) b		0.0
Retort Water C	Content						Oper	n Hole Size	0.0	000	0'		Other Pr	oduct L	Isag	e (+)		0.0
Sand Content							AN	NULAR GE	OMET	TRY & RI	HEOLOG	¥Υ	\	Nater A	dde	(+) b		
M.B.T. (Methyl	lene Blue	Capacity)) (ppb)				annula	r me	eas.	velocity	y flow	ECD	Le	ft on Cu	ıtting	ıs (-)		0.0
рН							section	de	pth	ft/min	reg	lb/gal	Non-Rec	overab	e Vo	ol. (-)		
Alkalinity, Mud	Pm													Disch	arge	d (-)		
Alkalinities, Fil	trate Pf/M	f											Est. T	otal on	Loca	ation		0.0
Chlorides (mg/	L)												Est. Los	ses/Gai	ns (-)/(+)		0.0
Calcium (ppm)	1												ВІТ	HYDRA	ULI	CS D	ATA	
Excess Lime (I	lb/bbl)												Bit H.S.I.	Bit ∆	Р	Nozzl	es (3	2nds)
Average Speci	ific Gravity	y of Solids	s	2.60	2.60	2.60											_	_
Percent Low G	Gravity Sol	lids											Bit Impact	Nozz Veloc				<u> </u>
Percent Drill S	olids												Force	(ft/se	,			
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ма	nuf./Type)	ı						
Estimated Tota	al LCM in	System	ppb				Size	Depth In	Но	urs F	ootage	ROP ft/hr	Motor/M\	WD (Calc.	Circ.	Pres	sure
Sample Taken	Ву																	
Remarks/Reco	mmendatio	ons:					Rig Activity:											
OBM REC	EIVED:	1786 bl	bls				water. No baskets this time	IOV techn on all 3. F we contin	ician p Rig do lue wo	perfomr S wn shake orking on	Shakers ers and shakrs	Inspection Inspection change of and Pick	lines for OE on. Shaker out with 3 fr up 3000' o d on locatic	s out o om the of 5" DF	f sp Pa	ecs,	wor yard	n out . At
												1		1				
Ü	ke Washbu 61-945-577		ng. 2: Adolf hone: 956-8	o Roman 321-9994	WH 1: Phone:	MIDLA 432-685	•	NH 2: hone:	WH #2	2	Rig Pho	ne:	Daily Total		Cu	mulati	ve C	ost
W P Y 0 2 2	g G 1 1	p A 0 1	S C 0 0	Any opi	nion and or y and may b	recommend e used if the	ation, expresse e user so elects this is a recomn	d orally or wr however, no	represe				\$1,910.00		\$	13,11	1.2	i

INCLUDING 3RD PARTY CHARGES

\$1,910.00

\$13,111.25

MATERIAL CONSUMPTION

Date 04/26/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	ind No. ODRICH UN	NIT 2 - 2H	Rig Name an	d No. F	Report No.	ort #5
04/20/20		USAGE 8		LLVIOO	ODINION OF	WII Z - ZII		10		LATIVE
			Previous		Closing	Daily		-	Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
ALUMINUM TRISTEARATE	25# sk	\$162.83	40		40					
SAPP (50)	50# sk	\$44.50	126		126					
PHPA LIQUID (pail)	5 gal		64		64					
DYNA DET	pail	\$32.23	32		32					
								-		
								F		
CACL2 (50)	50# sk	\$16.60	112		112			-		
LIME (50)	50# sk	\$5.00	100		100					
								-		
								-		
								-		
								-		
	-									
	-									
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	890		890					
								-		
								-		
								-		
								-		
ORTHORNA (ORM)		005.00	4700		4700			-		
OPTI DRILL (OBM)	bbl	\$65.00	1786		1786			-		
									_	
_										
	+							<u> </u>		
	+									
					1				-	
							\$4.0E0.00			\$9,250.00
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00			
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		10 10	\$300.00
								-		
ENGINEERING (DIEM)	bbl	\$30.00								
ENGINEERING (DIEM)	bbl	\$30.00								
ENGINEERING (DIEM)	bbl	\$30.00								\$300.00
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	bbl each	\$30.00 \$1.00 \$2.50 \$795.00						-	10	\$300.00 \$3,201.25
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	bbl each each	\$30.00 \$1.00 \$2.50 \$795.00 \$12.00						- - - - - - -	1281	\$300.00 \$3,201.25 \$180.00
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each each	\$30.00 \$1.00 \$2.50 \$795.00						-	1281	\$300.00

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
04/26/20	MAGN	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	48	Repo	ort #5
	DAILY	USAGE 8	k COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
			_			_				
			_			_				
	Cum	ulative Tota	I AES & 3rd	Party \$13,	111.25					
				- '						

OUTSOURCE FLUID SOLUTIONS LLC.

8.6°

4,881' TVD

TEL: (337) 394-1078

Operator MAG	NOLIA (OIL & (GAS	Contractor PA	TTERS	ON	County / Parish /	Block HINGTO	N	Engineer Star	t Date 22/20	24 hr fi	^{g.} 1,915 ft		## 14,9	15 ft
Well Name and No		H UNI	Г 2 - 2Н	Rig Name ar	248			EXAS			26/20		639 ft/hr	. [Ahead
Report for	Burt/ Ji	im Har	ricon	Report for	ol Pusi	hor	Field / OCS-G #	DINGS		Fluid Type	вм		ting Rate 823 gpm		culating Pre	
Keviii						ilei			DI \		MP #1		PUMP #2			7 psi ooster
Weight	PV	YP	E.S.	CaCl2	GELS	НТНР	In Pits	LUME (BE	1 bbl	Liner Size		5 Line			ner Size	OOSILK
9.5-10	8-20	8-10	>400	±250K	<10 <25	<8	In Hole		7 bbl	Stroke	; J.7 12				Stroke	
3.3-10	0-20	0-10	7400	5/8/20	5/8/20	ν.	Active		7 551 08 bbl	bbl/stk	0.09		/stk 0.0		bbl/stk	0.0000
Time Sample	Taken			1:00	22:47		Storage		37 bbl	stk/min	10		min 10		stk/min	0.0000
Sample Locat				Suction	Shaker		Tot. on Loc			gal/min	41		min 4′		gal/min	0
Flowline Temp				132 °F	114 °F			PHHP = 222				ATION DA				K = 209.200
Depth (ft)		•		4,249'	3,317'			Depth = 4.9				ut = 2%			ficiency	
Mud Weight (opa)			9.6	9.5			Volume		80.7 bbl		kes To Bit	882	•	ne To Bit	
Funnel Vis (se			@ 104 °F	52	56		Drill String Disp.			346.6 bb		nsUp Stks	3,787		Up Time	18 min
600 rpm				43	45		50.0 bbl			1308.3 bk		alCirc.Stks	,		irc. Time	
300 rpm				27	28					SEMBLY D					CONTRO	
200 rpm				22	21		Tubulars	OD (in.)			ength	Тор	Unit		Screens	Hours
100 rpm				15	14		Drill Pipe	5.000	4.:	276 4	1,303'	0'	Shaker	1	140	6.0
6 rpm				7	6		Hevi Wt	6.500	3.	000	277'	4,303'	Shaker	2	140	6.0
3 rpm				6	5		Collars	6.563	2.	438	296'	4,580'	Shaker	3	140	6.0
Plastic Viscos	ity (cp)		@ 150 °F	16	17		Dir. BHA	8.000	2.	000	39'	4,876'	Centrifug	je 1		4.0
Yield Point (lb	/100 ft²)		T0 = 5	11	11			CASI	NG & H	HOLE DAT	Α					
Gel Strength ([lb/100 ft²)	10	sec/10 min	7/9	5/8		Casing	OD (in.)	ID	(in.) [Depth	Тор				
Gel Strength ([lb/100 ft ²)		30 min	11	11		Riser	0			0'		VOLUM	IE ACC	OUNTING	G (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.0	5.6		Surface	10 1/2	9.	950 2	2,991'	0'	Prev. T	otal on I	ocation	287.7
HTHP Cake T	hickness	(32nds)		2.0	2.0		Int. Csg.					0'	Transfe	rred In(-	+)/Out(-)	2101.0
Retort Solids	Content			11.5%	11%									Oil A	dded (+)	129.5
Corrected Sol	ids (vol%)	ı		9.5%	9.1%								I	Barite A	dded (+)	0.0
Retort Oil Cor	ntent			66%	67%		Oper	Hole Size	10	.073 4	l,915'		Other Pr	oduct U	sage (+)	11.9
Retort Water	Content			22.5%	22%		ANI	NULAR GI	EOME.	TRY & RH	EOLOG	Y	١	Nater A	dded (+)	16.0
O/W Ratio				75:25	75:25		annular	r m	eas.	velocity	flow	ECD	Le	ft on Cu	ttings (-)	-132.1
Whole Mud C	hlorides (r	mg/L)		50,000	49,000		section	de	epth	ft/min	reg	lb/gal		Eva	ap/ Cent	-18.6
Water Phase	Salinity (p	pm)		258,415	258,850			•					Non-Rec	overable	e Vol. (-)	
Whole Mud A	lkalinity, P	om		1.8	1.8		9.95x5	2,	991'	272.5	turb	10.34	Est. T	otal on I	_ocation	2395.3
Excess Lime ((lb/bbl)			2.3 ppb	2.3 ppb		10.073x	5 4,	303'	263.7	turb	10.69	Est. Los	ses/Gair	ns (-)/(+)	0.0
Electrical Stat	oility (volts)		400 v	375 v		10.073x6	5.5 4,	580'	340.5	turb	11.17	BIT	HYDRA	ULICS D	ATA
Average Spec	ific Gravit	y of Solid	ls	3.09	3.09		10.073x6.	563 4,	876'	345.3	turb	11.62	Bit H.S.I.	Bit ∆F	Nozz	les (32nds)
Percent Low 0	Gravity So	lids		5.5%	5.2%		10.073x	8 4,	915'	538.2	turb	12.13	1.69	269 p	si 14	14 14
ppb Low Grav	ity Solids			45 ppb	43 ppb								Bit Impact	Nozzle Veloci		14 14
Percent Barite)			4%	3.8%								Force	(ft/sec	-	16 16
ppb Barite				58 ppb	55 ppb		BIT D	ATA	Ма	anuf./Type	Ultera	SPL-613	724 lbs	177		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	ours Fo	ootage	ROP ft/hr	Motor/M\	ND C	alc. Circ	. Pressure
Sample Taker	n By			R. Bowlin	R. Bowlin	M. Meehan	9 7/8	2,991 ft	5	5.0 1,	,915 ft	383.0	2,400 p	osi	4,67	7 psi
Remarks/Reco	mmendati	one.					Rig Activity:									

OBM RECEIVED: (2395) bbls----9.5ppg-9.8ppg

OBM On Hand (2395)

Gain/Loss: () bbls

Diesel 7-10 BPH Drill H2O 3-3.5 BPH

Pumping 10-bbls Preventative LCM sweeps every 300'

Rig Activity:

Skid to the 2H, RU, NU change out rams and test BOP's. TIH tagged up float at 2,908' MD, drilled shoe track and 10' of new formation and performed a FIT to 11.6ppg EMW with a 9.5ppg active MW at 330PSI/3,003'TVD. Pumping 10-bbl preventative LCM sweep to seal off permeable formations every 300'. AT the time of the am report drilling ahead at 4,915MD. Aggressive dilutions to maintain volume and aid in controlling unwanted drill solids.

Er	ng. 1:	N	Matt N	1eeha	an	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	none:					Pł	none:	228-9	90-1055	Phone:	432-685-4023	Phone:	-			
W 1	P 1	Y 2	E 0	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	elects, however,	, no representation	as been prepared on is made as to the	\$6,106.00	\$22,718.39
												INCLUDI	NG 3RD PAR	TY CHARGES	\$10,826.14	\$27,438.53

OUTSOURCE FLUID SOLUTIONS LLC.

14.3°

10,047' TVD

TEL: (337) 394-1078

	NOLIA (OIL &	GAS		TTERS	ON		Block	ON		4/22/2	0	•	87 ft		Depth 10,10)2 ft
Well Name and No. LEVI GO		H UNI	Г 2 - 2Н	Rig Name ar	nd No. 248		State TF	EXAS		Spud Date	4/26/2		rrent ROP	ft/hr	Activit		Ahead
Report for			···	Report for			Field / OCS-G #			Fluid Type		_	rculating Ra			ating Pres	
Kevin	Burt/ Ji	m Har	rison	To	ol Pusi	ner	GID	DINGS	3		OBM		738	gpm		4,357	' psi
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (E	BBL)	Р	PUMP #		PUM	/IP #2	RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	8:	20 bbl	Liner S	Size	5.75 L	iner Size	5.7	5 Line	r Size	
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	9	05 bbl	Stroke	е	12	Stroke	12	2 Str	oke	
			•	5/10/20	5/9/20	5/9/20	Active	17	725 bbl	bbl/st	tk 0	.0915	bbl/stk	0.09	15 bb	l/stk	0.0000
Time Sample	Taken			1:30	19:30	11:00	Storage	<u>8</u>	00 bbl	stk/m	in	96	stk/min	96	stk	/min	
Sample Locati	on			Suction	Shaker	suction	Tot. on Loc	cation 25	525 bbl	gal/m	in	369	gal/min	369	9 gal	/min	0
Flowline Temp	erature °F	=		168 °F	160 °F	150 °F	F	PHHP = 18	876		CIRCU	JLATION	DATA		n =	0.684	K = 199.903
Depth (ft)				10,102'	9,541'	7,667'	Bit C	Depth = 10	0,102 '		Was	shout = 2	%	Р	ump Effic	iency =	: 95%
Mud Weight (p	pg)			9.9	9.7	9.6	Drill String	Volun	ne to Bit	172.8	bbl s	Strokes To	Bit 1,8	888	Time	To Bit	10 min
Funnel Vis (se	ec/qt)		@ 146 °F	44	43	51	Disp.	Bottoms	Up Vol.	731.9	bbl Bo	ttomsUp S	itks 7,9	996 E	BottomsUp	Time	42 min
600 rpm				45	47	47	83.8 bbl	Total	Circ.Vol.	1724.8	bbl -	TotalCirc.S	itks 18,	,842	Total Circ	. Time	98 min
300 rpm				28	29	29		DRILLI	NG ASS	SEMBLY	/ DATA			so	LIDS CO	NTRO	L
200 rpm				21	24	23	Tubulars	OD (in.) ID	(in.)	Length	Тор		Unit	Scr	eens	Hours
100 rpm				15	17	16	Drill Pipe	5.000	4.	276	9,490'	0'	s	Shaker 1	1 1	40	24.0
6 rpm				7	8	8	Hevi Wt	6.500	3.	.000	277'	9,490	o' s	Shaker 2	2 1	40	24.0
3 rpm	-			6	7	7	Collars	6.563	2.	438	296'	9,767	7' S	Shaker 3	3 1	40	24.0
Plastic Viscosi	ity (cp)		@ 150 °F	17	18	18	Dir. BHA	8.000	2.	000	39'	10,06	3' Ce	ntrifuge	e 1		6.0
Yield Point (lb/	/100 ft²)		T0 = 5	11	11	11		CAS	ING & I	HOLE D	ATA						
Gel Strength (lb/100 ft²)	10	0 sec/10 min	7/9	8/10	8/11	Casing	OD (in.) ID	(in.)	Depth	Тор					
Gel Strength (lb/100 ft ²)		30 min	11	12	13	Riser	0			0'		V	OLUME	E ACCOU	NTING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	5.4	5.4	5.4	Surface	10 1/2	9.	950	2,991'	0'	Р	rev. To	otal on Loc	cation	2395.3
HTHP Cake T	hickness ((32nds)		2.0	2.0	2.0	Int. Csg.					0'	Т	ransfer	red In(+)/	Out(-)	148.6
Retort Solids (Content			12.5%	11.5%	11%									Oil Add	ed (+)	304.0
Corrected Soli	ds (vol%)			10.6%	9.7%	9.1%								В	arite Add	ed (+)	28.2
Retort Oil Con	tent			64.5%	65.5%	67%	Open	n Hole Siz	ze 10	.073	10,102		Ot	her Pro	duct Usa	ge (+)	16.8
Retort Water (Content			23%	23%	22%	ANI	NULAR G	SEOME	TRY & F	RHEOLO	OGY		W	/ater Add	ed (+)	56.4
O/W Ratio				74:26	74:26	75:25	annular	rr	neas.	veloci	ity flo	w ECD	,	Left	on Cuttin	gs (-)	-383.4
Whole Mud Ch	nlorides (n	ng/L)		48,000	47,000	48,000	section		depth	ft/mii	-				Evap/	Cent	-41.2
Water Phase	Salinity (p	pm)		246,564	242,674	254,914						ı	No	n-Reco	verable V	ol. (-)	
Whole Mud Al	kalinity, P	om		1.5	1.5	2.1	9.95x5	2	2,991'	244.	5 lar	n 10.2	0	Est. To	otal on Lo	cation	2524.7
Excess Lime (lb/bbl)			2 ppb	2 ppb	2.7 ppb	10.073x	5 9	9,490'	236.0	6 lar	n 10.2	2 Es	t. Losse	es/Gains	(-)/(+)	0.0
Electrical Stab	ility (volts))		411 v	388 v	428 v	10.073x6	5.5 §	9,767'	305.	5 tur	b 10.3	o 🗀	BIT H	IYDRAUL	ICS D	ATA
Average Spec	ific Gravity	y of Solid	ds	3.21	3.20	3.22	10.073x6.5	563 1	0,063'	309.8	8 tur	b 10.3	Bit H	H.S.I.	Bit ∆P	Nozzl	es (32nds)
Percent Low G	Gravity Sol	lids		5.4%	5%	4.6%	10.073x	8 1	0,102'	482.	9 tur	b 10.4	6 1.	.26	223 psi	14	14 14
ppb Low Grav	ity Solids			44 ppb	41 ppb	38 ppb							Rit In	npact	Nozzle	14	14 14
Percent Barite	:			5.2%	4.7%	4.6%								rce	Velocity (ft/sec)	16	16 16
ppb Barite				75 ppb	68 ppb	65 ppb	BIT D	ATA	Ma	anuf./Typ	oe Ult	era SPL-6	601	1 lbs	159		+
Estimated Total	al LCM in	System	ppb				Size	Depth I	n Ho	ours	Footage	ROP ff	/hr Mo	otor/MW	/D Cald	c. Circ.	Pressure
Sample Taker	n By			R. Bowlin	R. Bowlin	M. Meehan	9 7/8	2,991 f	t 2	7.0	7,111 ft	263.	4 2,	,100 ps	si	4,843	psi
Remarks/Reco							Ria Activity:										

OBM RECEIVED: (2395) bbls----9.5ppg-9.9ppg

OBM On Hand (2395)

Gain/Loss: (+129.7) bbls MWD TEMP: 230 Deg.

Diesel 7-BPH Drill H2O 2-BPH

Pumping 10-bbls Preventative LCM sweeps every 300'

Rig Activity:

Over the past 24 hours Patterson 248 has continued drilling ahead on the intermediate section F-4,915' T-10,102'MD at the time of the am report. Pumping 10-bbls preventative LCM sweeps every 300', sweeps consist of MagmaFiber, NewCarb M and NewPhalt. Maintaining active volume with additions of diesel and drill H2O. Minimal treatments have been made to maintain the drilling fluid within the recommended parameters. Once interval TD has been reached plan forward will be to pump (2) 30-bbls sweeps for the clean up cycle. Decreased drill H2O dilutions at 21:00hrs due to observed increase in H2O percentage on the shaker check. At 10,000'MD increased active MW to 9.8-9.9ppg

			Meehan Eng. 2: Rob Bowlin WH 1: 51-7561 Phone: 228-990-1055 Phone: C g G H O Any opinion and or recarefully and may be validity of this information.												
Eng. 1:	. N	Matt N	/leeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone:	9	85-35	51-756	31	Pł	none:	228-9	990-1055	Phone:	432-685-4023	Phone:	-			
W P 1 1	Y 2	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the user	so elects, however		\$8,894.80	\$31,613.19	
											INCLUE	ING 3RD PAR	TY CHARGES	\$20,844.88	\$48,283.41

TEL: (337) 394-1078

8.0° 2,591' TVD

	NOLIA (OIL &	GAS		TTERS	ON	_	h / Block	ON	0	r Start Date	0		2 ft			Depth 10,28	34 ft	
Well Name and No		H UNI	T 2 - 2H	Rig Name ar	248		State T	EXAS		Spud Da	^{ite})4/26/2		rrent ROP			Activity	L/D F	Pipe	
Report for Kevin I	Rurt/ .li	m Hai	rrison	Report for	ol Pusł	ner .	Field / OSC-G	# DDING	s	Fluid Typ	OBM	Cir	culating Ra	te		Circulat	ing Pres	sure	
TCVIII I			RTY SPECI				MUD VO				PUMP #	1	PUN	IP #2		RIS	ER BO	OOST	ER
Weight	PV	YP		CaCl2	GELS	HTHP	In Pits		772 bbl	Liner S	Size 5	5.75 L	ner Size	5.	75	Liner	Size		
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	e !	972 bbl	Strok	ке	12	Stroke	1	2	Stro	ke		
	M	UD PRO	OPERTIES				Active	e !	987 bbl	bbl/s	stk 0.	0915	bbl/stk	0.0	915	bbl/	'stk		
Time Sample	Taken			1:30	19:30	11:00	Storag	e <u>i</u>	300 bbl	stk/m	nin		stk/min			stk/	min		
Sample Locat	ion			Suction	Shaker	suction	Tot. on Loc	cation 2	544 bbl	gal/m	nin		gal/min			gal/	min		
Flowline Temp	perature °	F		168 °F	160 °F		Mud Wt. =	= 9.9	PV=17	YP=	11 C	IRCULA	ION DA	TA		n = 0	.684	K = 1	99.9
Depth (ft)				10,102'	9,541'	10,284'	Bit I	Depth =	2,594 '		Was	hout = 2º	6	F	Pump	Efficie	ency =	95%	,
Mud Weight (ppg)			9.9	9.7	10.0	Drill String	Volu	me to Bit	39.5	bbl S	trokes To	Bit	1		Time 1	Γο Bit		
Funnel Vis (se	ec/qt)		@ 146 °F	44	43	49	Disp.	Bottom	s Up Vol.	175.2	bbl Bot	tomsUp S	tks		Botto	msUp	Time		
600 rpm				45	47	47	34.8 bbl	Tota	Circ.Vol.	986.7	bbl T	otalCirc.S	tks		Tota	l Circ.	Time		
300 rpm				28	29	29		DRILL	ING AS	SEMBL	Y DATA			S	OLID	s coi	NTRO	L	
200 rpm				21	24	22	Tubulars	OD (ir	.) ID	(in.)	Length	Тор		Unit		Scre	ens	Ηοι	ırs
100 rpm				15	17	16	Drill Pipe	5.000	4.2	276	1,982'		s	haker	1	14	10		
6 rpm				7	8	8	Hevi Wt	6.500	3.0	000	277'	1,982	ı' s	haker	2	14	10		
3 rpm				6	7	7	Collars	6.563	3 2.4	438	296'	2,259	' s	haker	3	14	10		
Plastic Viscos	sity (cp)		@ 150 °F	17	18	18	Dir. BHA	8.000) 2.0	000	39'	2,555	' Ce	ntrifug	ge 1				
Yield Point (lb	/100 ft²)		T0 = 5	11	11	11		CA	SING &	HOLE I	DATA								
Gel Strength ((lb/100 ft²)) 10	0 sec / 10 min	7/9	8/10	8/10	Casing	OD (ir	.) ID	(in.)	Depth	Тор							
Gel Strength ((lb/100 ft2	!)	30 min	11	12	12	Riser						V	OLUM	IE AC	COU	NTING	(bbl	s)
HTHP Filtrate	(cm/30 m	nin)	@ 300 °F	5.4	5.4	5.8	Surface	10 1/3	2 9.9	950	2,991'		Р	rev. T	otal o	n Loc	ation	25	24.8
HTHP Cake T	hickness	(32nds))	2.0	2.0	2.0	Int. Csg.						Tr	ransfe	rred I	n(+)/C	Out(-)		
Retort Solids	Content			12.5%	11.5%	12.5%									Oil	Adde	d (+)		34.3
Corrected Sol	ids (vol%))		10.6%	9.7%	10.6%								E	Barite	Adde	d (+)		13.9
Retort Oil Con	ntent			64.5%	65.5%	64.5%	Oper	n Hole S	ze 10.	.073	10,284'		Oth	ner Pr	oduct	Usag	e (+)		
Retort Water	Content			23%	23%	23%	AN	NULAR	GEOME	TRY &	RHEOL	OGY		٧	Nater	Adde	d (+)		
O/W Ratio				74:26	74:26	74:26	annula	ar	depth	veloc	city flov	v ECD		Lef	ft on (Cutting	gs (-)	-	13.5
Whole Mud C	hlorides (mg/L)		48,000	47,000	49,000	section	n	черит	ft/m	in reg	lb/ga	l		E	Evap/	Cent		
Water Phase	Salinity (p	opm)		246,564	242,674	250,414		•		-			Noi	n-Rec	overa	ble Vo	ol. (-)	-	15.8
Whole Mud Al	lkalinity, F	Pom		1.5	1.5	1.6	9.95x	5	1,982'		lam	9.90		Est. T	otal o	n Loc	ation	25	43.7
Excess Lime ((lb/bbl)			2 ppb	2 ppb	2.1 ppb	9.95x6	.5	2,259'		lam	9.90	Est	t. Loss	ses/G	ains (-)/(+)		0.0
Electrical Stat	oility (volts	s)		411 v	388 v	442 v	9.95x6.5	563	2,555'		lam	9.90		BIT	HYDF	RAULI	CS D	ATA	
Average Spec	cific Gravi	ty of So	lids	3.21	3.20	3.32	9.95x8	8	2,594'		lam	9.90	Bit F	H.S.I.	Bit	ΔΡ	Nozzl	es (32	inds)
Percent Low 0	Gravity Sc	olids		5.4%	5%	4.7%											14	14	14
ppb Low Grav	ity Solids			44 ppb	41 ppb	39 ppb							Bit In	npact	Noz Velo		14	14	14
Percent Barite				5.2%	4.7%	5.9%							Fo	rce	(ft/s	•	16	16	16
ppb Barite				75 ppb	68 ppb	84 ppb	BIT [DATA	Ма	ınuf./Ty	pe Ulte	era SPL-6	13						
Estimated Tot	al LCM in	Systen	n				Size	Depth	In Ho	ours	Footage	ROP ft.	hr Mo	tor/M\	WD	Calc	. Circ.	Press	sure
Sample Taker	n By			R. Bowlin	R. Bowlin	M. Meehan	9 7/8	2,991	ft 30	0.0	7,293 ft	243.1					32	psi	
Afternoon Rem	arks/Paga		ation o				Afternoon F	Dia Antivi		-		•							

Pumping 10 bbl sweep every 300 ft. Sweep Contains:

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

Afternoon Rig Activity:

Drilling ahead and sliding as needed to maintain the angle in the vertical to sectionTD at 10284 ft. Pumped two 30 bbl LCM sweeps and circulated the hole clean. Pumped a slug. POOH while laying down drill pipe.

OUTSOURCE FLUID SOLUTIONS LLC.

8.8°

4,819' TVD

	NOLIA C	OIL & G	GAS	Contractor PA	TTERS	ON	County / Parish /	HINGTON	1	Engineer S	4/22/		24 hr ft	182 ft			0,28	4 ft	
Well Name and No		ı iinit	7 2 _ 2H	Rig Name an	nd No. 248		State	EXAS		Spud Date	4/26/	20	Curren	ROP 0 ft/hr	Α	Activity	n Ca	einc	•
Report for	DUNICI	1 UNI I	Ζ-ΖΠ	Report for	240		Field / OCS-G #	EAAS		Fluid Type		20	Circula	ting Rate	C		ng Press		<u></u>
Kevin	Burt/ Ji	m Harr	rison	То	ol Push	ner	GID	DINGS			OBN	1		0 gpm					
	MUD	PROPER	RTY SPECIF	ICATION	s		MUD VO	LUME (BB	L)	Р	UMP	#1		PUMP #2		RISE	R BO	OSTE	ΞR
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	697	bbl	Liner S	ize	5.75	Liner	Size 5.7	75	Liner	Size		
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	998	bbl	Stroke	е	12	Stro	oke 1	2	Stro	ke		
				5/11/20		5/10/20	Active	112	3 bbl	bbl/st	k	0.0915	bbl	/stk 0.09	915	bbl/s	stk	0.000	00
Time Sample	Taken			1:30		11:00	Storage	334	<u>bbl</u>	stk/mi	in		stk/	min		stk/r	nin		
Sample Locat	ion			Suction		suction	Tot. on Lo	cation 202	9 bbl	gal/mi	in	0	gal/	min ()	gal/r	nin	0	
Flowline Temp	perature °F							PHHP = 0			CIR	CULATIO	N DA				.684 k		.903
Depth (ft)				10,284'		10,284'	Bit	Depth = 4,8				ashout =		F	Pump E			95%	
Mud Weight (,			9.9		10.0	Drill String Disp.			222.8 l		Strokes				ime T			
Funnel Vis (se	ec/qt)		@ 109 °F	54		49		Bottoms U				BottomsUp			Bottom				
600 rpm				45		47	51.3 bbl			1127.8		TotalCiro	c.Stks		Total				
300 rpm				28		29	-	DRILLING							OLIDS				
200 rpm				22		22	Tubulars	, ,		(in.)	Leng		op	Unit		Scre		Hou	
100 rpm				15		16	Casing	7.625	6.	875	4,85)'	Shaker		14		8.0	
6 rpm				6		8						,	352'	Shaker		14		8.0	
3 rpm	· (- ()		@ 450.05	5		7							352'	Shaker		14	U	8.0	
Plastic Viscos			@ 150 °F	17		18		CASIN	C 0 L	HOLE DA	ATA	4,0	352'	Centrifug	e i			2.0	
Yield Point (lb Gel Strength (10	T0 = 4) sec/10 min	6/9		8/10	Casing			(in.)	Dept	h T	ор						
Gel Strength (·	10	30 min	11		12	Riser	` ,	טו	(111.)	0'		ОР	VOLUM	E ACC	ALIO.	ITING	/hhle	٠,
HTHP Filtrate		n)	@ 300 °F	5.6		5.8	Surface	10 1/2	g.	950	2,99	1' ()'	Prev. T				252	
HTHP Cake T	•		9 000 1	2.0		2.0	Int. Csg.	10 1/2	0.	000	2,00	. (Transfe					32.0
Retort Solids	•	021103)		12.2%		12.5%	Gog.					`	,	Transic		Adde	` ,		34.3
Corrected Sol				10.3%		10.6%								F	Barite A		` ,		9.7
Retort Oil Cor	, ,			64.8%		64.5%	Oper	n Hole Size	10	.369	10,28	34'		Other Pro			` ,		0.0
Retort Water				23%		23%	· ·	NULAR GE							Vater A	ŭ	` ,		
O/W Ratio				74:26		74:26							20		ft on C		` ,	-1	19.0
Whole Mud C	hlorides (m	ng/L)		48,500		49,000	annula section	l l	as. pth	veloci ft/mir			CD gal	Evap/Ce			,	-7	78.5
Water Phase	•			248,494		250,414								Formation/	Shake	r Rur	off	-6	60.2
Whole Mud A	Ikalinity, Po	om		1.5		1.6	9.95x7.6	25 2,9	91'	0.0	ı	am 9.	90	Est. T	otal on	Loca	ation	202	29.1
Excess Lime ([lb/bbl)			2 ppb		2.1 ppb	10.369x7.	625 4,8	52'	0.0	I	am 9.	90	Est. Loss	ses/Ga	ins (-)/(+)		0.0
Electrical Stat	oility (volts)			462 v		442 v								BIT	HYDR	AULI	CS DA	TA	
Average Spec	ific Gravity	of Solids	S	3.28		3.32								Bit H.S.I.	Bit A	ΔP	Nozzle	s (32r	nds)
Percent Low 0	Gravity Soli	ids		4.8%		4.7%										-			
ppb Low Grav	ity Solids			39 ppb		39 ppb								Bit Impact	Nozz	-			_
Percent Barite)			5.5%		5.9%								Force	Veloc (ft/se	-			
ppb Barite				79 ppb		84 ppb	BIT D	ATA	Ма	anuf./Typ	е					-			
Estimated Tot	al LCM in S	System	ppb				Size	Depth In	Н	ours	Foota	ge ROF	ft/hr	Motor/M\	ND	Calc.	Circ.	Press	ure
Sample Taker	n By			R. Bowlin	R. Bowlin	M. Meehan	9 7/8												
Remarks/Reco	ommendatio	ins:					Rig Activity:			•		•							
OBM REC	EIVED: (2395) b	bls9.5p	pg-9.9pp	g														
OBM On H	Hand (202	a) Patu	rned (382)	hhle To N	lownark		Drillad th	o intormo	diata	coction	to TE	1 at 10 2	0/11/0) Bumpo	4 (3) 3	n hh	de eve	oone	for
	`	o, netul	cu (302)	יו 10 פוטט	*cvvpaik		the clear	n up cycle.	Trip	out of t	he ho	le laying	dow	D. Pumpe n the 5" Di	P, exp	erier	ced is	sues	
MWD TEN	ЛР:													ng in the do					6
								, ,				-	_	ne 7.625" on ng crew at	U		Al th	e um	ᆫ
										J		-							
Eng. 1: N	Matt Meehar	n F	ng. 2: Rob	Bowlin	WH 1:	MIDLA	ND \	NH 2:	WH#	2	Ria	Phone:		Daily Total		Cu	mulativ	e Cos	st
Ü	85-351-756		3	990-1055	Phone:	432-685	-4023 P	hone:	-										
W P Y 1 1 2	E C 1 1	g G 1 1	H O 1 1	carefully	and may be	e used if the	ation, expresse user so elects, his is a recomn	, however, no	repres					\$4,041.00		\$:	35,65	4.19	
	•			validity (חוסווזו פווט זיכ	nauon, and t		NCLUDING		DARTY	CHVE	CES		\$5,423.40		•	53,70	C 01	

Well Name and No.				Contractor PA Rig Name ar		ON	State	HINGTO	N	Spud Date	/22/20		ftg.	А	ctivity	0,28		
LEVI GO	ODRIC	H UNIT	2 - 2H	Report for	248		T Field / OSC-G	EXAS		04	/26/20	Circul	ating Rate		R/D (ers
Kevin E	Burt/ Jii	m Harri	son	·	ol Push	ner		" DDINGS			овм	Circui	aling Rate		ilculatifi	g Piess	ure	
	MUD F	PROPER	TY SPECI	FICATION	IS		MUD VO	DLUME (BE	3L)	PU	JMP #1		PUMP #2		RISE	R BO	OSTE	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits			Liner Siz	e 5.2	25 Line	er Size 5.	25	Liner S	Size		
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	e 473	bbl	Stroke	1:	2 Sti	roke 1	2	Strok	e		
	MU	JD PROP	ERTIES				Active	9 708	bbl	bbl/stk	0.0	763 bb	ol/stk 0.0	763	bbl/s	tk		
Time Sample	Taken			1:30		12:00	Storag	e 1218	B bbl	stk/min	ı	stk	:/min		stk/m	in		
Sample Locati				Suction		suction	Tot. on Lo			gal/min	ı	ga	l/min		gal/m	in		
Flowline Temp	perature °F	=					Mud Wt. =	= 9.9 PV=	=17	YP=11		RCULATIO	ON DATA		า = 0.6	684 K	(= 19	9.9
Depth (ft)				10,284'		10,284'					Wash	out = 2%		Pump E	fficier	ncy =	95%	_
Mud Weight (p	opa)			9.9		10.1	D. III. G	Volume	to Bit		1	okes To Bit			ime To			
Funnel Vis (se			@ 109 °F	54		53	Drill String Disp.	Bottoms Up			Botto	msUp Stks	3	Bottom				
600 rpm	4-7			45		50				708.0 bl		talCirc.Stks			Circ. T			
300 rpm				28		30		DRILLING					1	OLIDS				
200 rpm				22		23	Tubulars	OD (in.)			ength.	Тор	Unit		Scree		Hour	rs
100 rpm				15		16	Casing	7.625		375	g		Shaker		140			
6 rpm				6		7	3						Shaker	. 2	140			
3 rpm				5		6							Shaker		140			
Plastic Viscos	ity (cn)		@ 150 °F	17		20							Centrifug					
Yield Point (lb			T0 = 4	11		10		CASIN	IG & I	HOLE DA	ATA		-	,				
Gel Strength (10 s	ec / 10 min	6/9		7/10	Casing				Depth	Тор	1					
Gel Strength (30 min	11		12	Riser	()		(,			VOLUM	IE ACC	OUN	TING	(bbls	s)
HTHP Filtrate			@ 300 °F	5.6		6.4		10 1/2	9.9	950 2	2,991'		Prev. T				202	
HTHP Cake T	•			2.0		2.0	Int. Csq.	7 5/8			0,273'		Transfe					21.0
Retort Solids (12.2%		13%					•				Added	,		
Corrected Soli				10.3%		11.1%								Barite A		` '		
Retort Oil Con	itent			64.8%		64%	Oper	Hole Size	10.	073 1	0,284'		Other Pr			` ,		
Retort Water (Content			23%		23%	AN	NULAR GE	OME	TRY & R	HEOLO	GY	-	Water A	Added	(+)		
O/W Ratio				74:26		74:26	ماريس م			valasit		FCD	Le	ft on Cı	uttings	s (-)		
Whole Mud Cl	hlorides (r	ng/L)		48,500		49,000	annula section	ı dei	pth	velocity ft/min		ECD lb/gal	Non-Rec				-1	10.0
Water Phase	Salinity (p	pm)		248,494		250,414				<u> </u>			1	Disch	nargeo	d (-)	-4	11.3
Whole Mud Al		. /		1.5		1.5							Est. T	otal on	Locat	tion	239	98.8
Excess Lime (2 ppb		2 ppb							Est. Los	ses/Ga	ins (-).	/(+)		0.0
Electrical Stab	oility (volts)		462 v		394 v							ВІТ	HYDRA	AULIC	S DA	TA	\neg
Average Spec	ific Gravit	y of Solid	s	3.28		3.31							Bit H.S.I.	Bit Δ	'b	Nozzle:	s (32n	nds)
Percent Low G	Gravity So	lids		4.8%		5%							#DIV/0!	#DIV	/0!			\exists
ppb Low Grav	ity Solids			39 ppb		41 ppb							Bit Impact	Nozz				
Percent Barite)			5.5%		6.1%							Force	Veloc (ft/se	-			
ppb Barite				79 ppb		88 ppb	BIT [DATA	Ма	nuf./Type)		#DIV/0!					
Estimated Total	al LCM in	System					Size	Depth In	Но	urs Fo	ootage	ROP ft/hr	Motor/M	WD	Calc.	Circ. F	ress	ure
Sample Taker	п Ву			R. Bowlin	R. Bowlin	M. Meehan	9 7/8									#DIV/	0!	
Afternoon Rema	arks/Recor	nmendatio	ons:				Afternoon R	Rig Activity:		ļ			•	·				
Pumping	10 bbl sw	eep every	y 300 ft. S	weep Con	tains:													
10 ppb N	ewCarb, 1	0 ppb Ne	wphalt an	d 10 ppb I	Magnafibe	r fine.	Cem Rolli	ented in ca	asing s and	j. Dumpe d adding	ed 42 bl diesel a	ol of spac and centr	the casing. er contami ifuging to ro o 170 mesh	nated i educe	nud a	at surf	ace.	

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 0 ft 10,284 ft me and No me and No **LEVI GOODRICH UNIT 2 - 2H** ID 5" DP 248 **TEXAS** 04/26/20 0 ft/hr Field / OCS-G # luid Type irculating Rate Circulating Pressure **Kevin Burt/ Jim Harrison Tool Pusher GIDDINGS OBM** 0 gpm MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight CaCl2 **GELS** HTHP In Pits 756 bbl Liner Size Liner Size 5.25 Liner Size 9.5-10 8-20 8-10 >300 ±250K <10 <25 <8 In Hole 472 bbl Stroke 12 Stroke 12 Stroke 5/12/20 756 bbl 5/11/20 bbl/stk 0.0000 bbl/stk 0.0763 bbl/stk 0.0000 12:00 stk/min Time Sample Taken 1:30 Storage 1218 bbl stk/min stk/min gal/min gal/min Sample Location Suction suction Tot. on Location 2446 bbl gal/min O 0 0 n = 0.686 K = 162.785 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) 10.284 10.284 Bit Depth = Washout = 0% Pump Efficiency = 95% Mud Weight (ppg) 96 10.1 Volume to Bit 0.0 bblStrokes To Bit Time To Bit **Drill String** Disp. Funnel Vis (sec/qt) @ 87 °F 53 53 Bottoms Up Vol. 0.0 bbl BottomsUp Stks BottomsUp Time 600 rpm 50 37 0.0 bbl TotalCirc Vol. 756.1 bbl TotalCirc Stks Total Circ. Time **DRILLING ASSEMBLY DATA SOLIDS CONTROL** 300 rpm 23 30 17 23 Tubulars OD (in.) ID (in.) Unit Screens 200 rpm Length Top Hours 12 16 0 0' Shaker 1 100 rpm 140 5 Shaker 2 140 0 6 rpm 4 6 0' Shaker 3 140 3 rpm 20 Centrifuge 1 Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 9 10 **CASING & HOLE DATA** 7/10 OD (in.) ID (in.) Gel Strength (lb/100 ft²) 10 sec/10 min 5/6 Casing Depth Top 30 min 8 12 0' **VOLUME ACCOUNTING (bbls)** Riser 0 Gel Strength (lb/100 ft2) Surface @ 300 °F 8.0 64 10 1/2 2.991' 0' 2029.1 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 10,273' 0' Transferred In(+)/Out(-) 421.0 Retort Solids Content 10% 13% Oil Added (+) 47.0 Corrected Solids (vol%) 8.2% 11.1% Barite Added (+) 0.0 Retort Oil Content 67% 64% Open Hole Size 0.000 10.284 Other Product Usage (+) 0.0 **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 23% 23% Water Added (+) 74:26 74:26 O/W Ratio Left on Cuttings (-) 0.0 annular meas velocity flow ECD section depth ft/min reg lb/gal 46,000 49,000 -10.0 Whole Mud Chlorides (ma/L) Non-Recoverable Vol. (-) 238,743 250,414 Water Phase Salinity (ppm) Discharged (-) -41.3 Whole Mud Alkalinity, Pom 1.4 1.5 Est. Total on Location 2445.8 Excess Lime (lb/bbl) 1.8 ppb 2 ppb Est. Losses/Gains (-)/(+) 0.0 423 v 394 v **BIT HYDRAULICS DATA** Electrical Stability (volts) 3.50 3.31 Bit H.S.I. Average Specific Gravity of Solids Βίτ ΔΡ Nozzles (32nds) 2.8% Percent Low Gravity Solids 5% ppb Low Gravity Solids Nozzle 23 ppb 41 ppb Bit Impact Velocity Force Percent Barite 5.4% 6.1% (ft/sec) ppb Barite 77 ppb 88 ppb **BIT DATA** Manuf./Type ROP ft/hr Motor/MWD Estimated Total LCM in System Size Depth In Hours Footage Calc. Circ. Pressure ppb R. Bowlin M. Meehar Sample Taken By R. Bowlin

Remarks/Recommendations:

OBM RECEIVED: (2816) bbls----9.5ppg-9.9ppg

OBM On Hand (2445.8) Returned (382) bbls To Newpark

Rec. (421) bbls 16.0 Kill /Lost 13bbls to Trucking

Ria Activity:

Ran the 7.625" casing to bottom, setting the shoe at 10,273'MD. Circulated 1X the casing volume. Rigged up cementers and cement the same. Dumped 42 bbl of spacer contaminated mud at surface. Conditioned the surface volume with diesel and centrifuging to reduce the mud wt. to 9.6 ppg. Once the 9.6ppg surface volume blends with hole volume of 9.9ppg target MW will be 9.8ppg for drill out. Once circulation resumes the fluid will be maintained within the recommended parameters. At the time of the am report repairs to the Catwalk have been completed and the crew has resumed 5" DP LD opps. Waiting on parts for the wellhead, rams were swapped out from casing to DP rams.

						Phone: 228-990-1055 Phone:										
Е	ng. 1:	Ν	/latt N	1eeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	9	85-35	1-756	31	Pł	none:	228-9	990-1055	Phone:	432-685-402	3 Phone:	-			
W 1	P 1	Y 1	E 1	C 0	g 1	G 1	H 2	O 1	carefully	and may be	used if the user	so elects, howev	n, has been prepared ation is made as to the	\$3,400.33	\$39,054.52	
												INCLUI	DING 3RD PA	RTY CHARGES	\$5,313.17	\$59,019.98

MAGN Well Name and No.		OIL & G		PA Rig Name ar	TTERS	ON	State	HINGTO	N	Spud Date	rt Date 22/20 26/20	24 hr f	itg. nt ROP		Drilled [10,284	
Report for				Report for			Field / OSC-G	_		Fluid Type		Circula	ating Rate		Circulat	ing Press	
Kevin E	Burt/ Ji	m Harri	son	To	ol Pusi	ner	GIE	DINGS		О	BM						
	MUD	PROPER	TY SPECI	FICATION	IS		MUD VO	DLUME (B	BL)	PUI	VIP #1		PUMP #2		RIS	ER BO	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	757	bbl 7	Liner Size	5.25	Line	r Size 5.:	25	Liner	Size	
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	e 472	2 bbl	Stroke	12	Str	oke 1	2	Stro	ke	
	М	JD PROP	ERTIES	ļ.	ļ.		Active	757	bbl 7	bbl/stk	0.0763	bb	l/stk 0.0	763	bbl/	stk	
Time Sample	Taken			1:30		11:00	Storag	e <u>121</u>	8 bbl	stk/min		stk	/min		stk/ı	min	
Sample Locati	on			Suction		suction	Tot. on Loc	cation 244	7 bbl	gal/min		gal	/min		gal/ı	min	
Flowline Temp	erature °l	F					Mud Wt. =	= 9.6 PV	=14	YP=9	CIRCU	ILATIO	N DATA		n = 0	.686 K	(= 162.8
Depth (ft)				10,284'		10,284'					Washout	=	F	Pump	Efficie	ency =	95%
Mud Weight (p	pg)			9.6		9.6	Drill String	Volume	to Bit		Strokes	s To Bit	<u> </u>	1	Time T	o Bit	
Funnel Vis (se	c/qt)		@ 87 °F	53		53	Disp.	Bottoms U	p Vol.		Bottomsl	Jp Stks	i	Botton	nsUp	Time	
600 rpm	.,			37		38		TotalCii	c.Vol.	757.0 bbl	TotalC	rc.Stks	i	Total	Circ.	Time	
300 rpm				23		23		DRILLIN	G AS	SEMBLY D	DATA		s	OLIDS	CON	NTROL	
200 rpm				17		17	Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Unit		Scre	ens	Hours
100 rpm				12		12						·	Shaker	1	14	.0	
6 rpm				5		5							Shaker	2	14	.0	
3 rpm				4		4							Shaker	3	14	.0	
Plastic Viscosi	ty (cp)		@ 150 °F	14		15							Centrifug				
Yield Point (lb/	,		T0 = 3	9		8		CASIN	IG &	HOLE DAT	 ΓΑ			, -			
Gel Strength (10 s	ec / 10 min	5/6		5/7	Casing					Тор	1				
Gel Strength (30 min	8		8	Riser	- (/		,	- 1	-1	VOLUM	IE AC	COU	NTING	(bbls)
HTHP Filtrate			@ 300 °F			6.8		10 1/2		2.	991'		Prev. T				2445.8
HTHP Cake TI				2.0		2.0	Int. Csg.	7 5/8	6.8	,	,273'		Transfe				
Retort Solids ((021.00)		10%		10.5%	cog.				,=				Adde	.,	4.8
Corrected Soli				8.2%		8.6%								Barite		. ,	
Retort Oil Con	,			67%		66.5%	Oper	Hole Size		10	,284'		Other Pr			` ,	6.3
Retort Water 0				23%		23%		NULAR GI					1	Nater .	Ŭ	` '	
O/W Ratio				74:26		74:26							1	ft on C		` ,	
Whole Mud Ch	nlorides (r	ma/L)		46,000		49,000	annula section	a de	pth	velocity ft/min	1	ECD o/gal	Non-Rec		`	, ()	-10.2
Water Phase S	•			238,743		250,414				ļ	1 1		1		harge	,	
Whole Mud Al				1.4		2.1							Fet T	otal or	-	, ,	2446.7
Excess Lime (1.8 ppb		2.7 ppb							Est. Loss			_	0.0
Electrical Stab)		423 v		445 v										CS DA	
Average Spec		<u> </u>	s	3.50		3.34							Bit H.S.I.	Bit A	1		s (32nds)
Percent Low G				2.8%		3.8%							#DIV/0!	#DI\	-		
ppb Low Gravi				23 ppb		31 ppb								Noz		+	+
Percent Barite				5.4%		4.8%							Bit Impact Force	Velo	city		+
ppb Barite				77 ppb		69 ppb	RIT I	DATA	Ma	nuf./Type			#DIV/0!	(10/50			+
Estimated Total	al LCM in	System		۲۲۷		-2 550	Size	Depth In			otage RC	P ft/hr	Motor/M\	WD	Calc	Circ. F	Pressure
Sample Taken		2,000111		R. Bowlin	R. Bowlin	M. Meehan	5.20	_ = ~ F 111 111			95				2410.	#DIV/	
Afternoon Rema		mmendatio	nns.	Jowiii	A. DOWIIII	woonall	Afternoon F	Ria Activity	<u> </u>				<u> </u>			,, DIV/	
			y 300 ft. S	ween Con	tains:		AIGHIOOH F	ay Autivity.									
			y 300 π. S	·		er fine.	the r	nud in the ase the e P fluid los	syste mulsi	em for dril on. Added	ling out th d Optiwet	e shoe to help	aying dowr e. Added C o oil wet cu alinity with	ptimu ttings	I and Low	Lime tered the	to ne

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAG	NOLIA (OIL & C	GAS	Contractor PA	TTERS	ON	County / Parish /	Block HINGTO	N	Engineer Start 04/2	Date 22/20	24 hr f	tg. Oft		Drilled I	-	84 ft
Well Name and No		н нин	Г 2 ₋ 2Н	Rig Name an	nd No. 248		State	EXAS		Spud Date	26/20	Currer	0 ft/hr		Activity	L/D	ΠP
Report for	ODINIO		Z - ZII	Report for	240		Field / OCS-G #			Fluid Type	20/20	Circula	ating Rate		Circulat	ting Pre	
Kevin	Burt/ Ji	im Harı	rison	То	ol Pusi	ner	GID	DINGS		0	вм		0 gpm				
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PUN	/IP #1		PUMP #2		RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	74	16 bbl	Liner Size	5.25	Line	r Size 5.	.25	Liner	Size	
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	47	72 bbl	Stroke	12	Str	oke 1	12	Stro	oke	
				5/13/20		5/12/20	Active	74	46 bbl	bbl/stk	0.0763	B bb	l/stk 0.0	763	bbl/	/stk	0.0000
Time Sample	Taken			1:30		11:00	Storage	<u>15</u>	20 bbl	stk/min		stk	/min		stk/	min	
Sample Locati	ion			Suction		suction	Tot. on Loc	cation 27	38 bbl	gal/min	0	gal	/min	0	gal/	min	0
Flowline Temp	perature °I	F						PHHP =	0	C	IRCULAT	ION DA	\TA		n = 0	0.686	K = 162.785
Depth (ft)				10,284'		10,284'	Е	Bit Depth :	= '		Washout	= 0%		Pump	Effici	ency =	= 95%
Mud Weight (p	opg)			9.6		9.6	Drill String	Volum	ne to Bit	0.0 bbl	Strok	es To Bit			Time 7	To Bit	
Funnel Vis (se	ec/qt)		@ 88 °F	55		53	Disp.	Bottoms	Up Vol.	0.0 bbl	Bottoms	Up Stks		Botto	msUp	Time	
600 rpm				37		38	0.0 bbl	TotalC	Circ.Vol.	746.0 bbl	Total	Circ.Stks		Tota	l Circ.	Time	
300 rpm				23		23		DRILLI	NG ASS	SEMBLY D	ATA		S	OLID	s coi	NTRO	L
200 rpm				16		17	Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	Unit		Scre	ens	Hours
100 rpm				11		12					0'	0'	Shake	r 1	17	70	
6 rpm				5		5						0'	Shake	r 2	17	70	
3 rpm				4		4						0'	Shake	r 3	17	70	
Plastic Viscos	ity (cp)		@ 150 °F	14		15						0'	Centrifuç	ge 1			
Yield Point (lb.	/100 ft²)		T0 = 3	9		8		CAS	NG & I	HOLE DAT	A						
Gel Strength (lb/100 ft²)	10	sec/10 min	4/6		5/7	Casing	OD (in.)) ID	(in.) D	epth	Тор					
Gel Strength (lb/100 ft ²)		30 min	9		8	Riser	0			0'		VOLUN	/IE AC	COU	NTING	6 (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	4.6		6.8	Surface	10 1/2		2,	,991'	0'	Prev. 1	Γotal o	n Loc	ation	2445.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	,273'	0'	Transfe	erred I	n(+)/C	Out(-)	291.0
Retort Solids (Content			10%		10.5%								Oil	Adde	ed (+)	4.8
Corrected Sol	ids (vol%)			8.1%		8.6%								Barite	Adde	ed (+)	0.0
Retort Oil Con	itent			66.5%		66.5%	Oper	n Hole Siz	e 0.	000 10	,284'		Other P	roduct	Usag	je (+)	6.3
Retort Water (Content			23.5%		23%	ANI	NULAR G	EOME	TRY & RHI	EOLOGY		,	Water	Adde	ed (+)	
O/W Ratio				74:26		74:26	annular	r n	neas.	velocity	flow	ECD	Le	eft on (Cutting	gs (-)	0.0
Whole Mud C	hlorides (r	ng/L)		48,500		49,000	section	ı c	lepth	ft/min	reg	lb/gal	Non-Red	covera	ble Vo	ol. (-)	-10.2
Water Phase	Salinity (p	pm)		244,499		250,414								Disc	charge	ed (-)	
Whole Mud Al	kalinity, P	om		1.9		2.1							Est. 1	Γotal o	n Loc	ation	2737.7
Excess Lime (lb/bbl)			2.5 ppb		2.7 ppb							Est. Los	ses/G	ains (-)/(+)	0.0
Electrical Stab	ility (volts)		419 v		445 v							BIT	HYDF	RAULI	ICS D	ATA
Average Spec	ific Gravit	y of Solid	s	3.49		3.34							Bit H.S.I.	Bit	ΔΡ	Nozz	es (32nds)
Percent Low 0	Gravity So	lids		2.8%		3.8%											
ppb Low Grav	ity Solids			23 ppb		31 ppb							Bit Impact	Noz Velo			
Percent Barite	•			5.3%		4.8%							Force	(ft/s	-		
ppb Barite				76 ppb		69 ppb	BIT D	ATA	Ма	nuf./Type							
Estimated Tot	al LCM in	System	ppb				Size	Depth Ir	n Ho	ours Fo	otage R	OP ft/hr	Motor/M	WD	Calc	. Circ.	Pressure
Sample Taker	п Ву			R. Bowlin	0	M. Meehan											
Remarks/Reco	mmendati	ons:					Rig Activity:										

OBM RECEIVED: (2816) bbls----9.5ppg-9.9ppg

OBM On Hand (2445.8) Returned (382) bbls To Newpark

Rec (291) bbls Discounted \$15/bbl High LGS OBM

Continued to LD the 5.00" DP while waiting on parts for the wellhead, made necessary repairs to the wellhead due to being washed out. Changed out the Catwalk due to unsuccessful attempts to repair the same. Rec. 291-bbls of discounted high LGS OBM for use as a mud cap and sweeps if total losses are encountered. This volume is in Frac #1 and will be kept isolated from the rest of the OBM volumes. Surface volume was conditioned during the day tour in preparation for upcoming drill out. Minimal treatments will be made as necessary to maintain the chemical properties within the recommended parameters. At the time of the morning report LD 5" DP.

	ng. 1: hone:			1eeha 51-756			ng. 2: none:		D Bowlin WH 1: MIDLAN 990-1055 Phone: 432-685-4 Any opinion and or recommendati carefully and may be used if the u validity of this information, and thi			WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the user so	elects, however	, no representation		\$4,970.80	\$44,025.32
												INCLUDI	NG 3RD PAR	TY CHARGES	\$4,970.80	\$63,990.78

MATERIAL CONSUMPTION

Date 05/13/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	DDRICH UN		Rig Name and No 248		rt #12
	DAILY	USAGE 8	& COST					CUMU	LATIVE
			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	\$128.9
CACL2 (50)	50# sk	\$16.60	168		143	25	\$415.00	165	\$2,739.0
LIME (50)	50# sk	\$5.00	200		175	25	\$125.00	125	\$625.0
BENTONE 910 (50)	50# sk	\$59.94	30		30		ψ120.00	120	φοΣοι
BENTONE 990 (50)	50# sk	\$83.59	40		40				
OPTI G	50# sk	\$30.59	140		120	20	\$611.80	40	\$1,223.6
OPTI MUL HP	gal	\$10.75	500		400	100		250	
OPTI WET		\$8.34	665		565	100	\$834.00	250	
	gal					100	\$634.00		
NEW PHALT	50# sk	\$38.72	120		120			40	
NEWCARB 200	50# sk	\$5.25	150		150			20	
MAGMAFIBER F (25)	25# sk	\$28.05	84		84			14	\$392.7
OIL SORB (25)	25# sk	\$4.75	40		40				
PHPA LIQUID (pail)	5 gal	\$41.36	32		32				
GEL (100)	100# sk		70		70				
BENTONE 38 (50)	50# sk	\$163.94	40		40				
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	1600		1600			545	\$3,815.
OPTI DRILL (OBM)	bbl	\$65.00	2434		2434				
		ψ00.00							
Magnolia Owned OBM	bbl		12		12			118	
Discounted High LGS OBM	bbl	\$15.00		291	291				
		<u></u>	<u> </u>						<u> </u>
						·			
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	22	\$20,350.
ENGINEERING (DIEM)	bbl	\$30.00				2		22	\$660.
ENGINEERING (MILES)	each	\$1.00					Ψ00.00	22	Ψ000.
TRUCKING (cwt)	each	\$2.50						2159	\$5,398.
TRUCKING (min)	each	\$795.00							
PALLETS (ea)	each	\$12.00						35	\$420.
		\$12.00						32	\$384.
SHRINK WRAP (ea)	each	Ψ12.00					LI	32	+00

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ınd No.		Rig Name an	id No.	Report No.	
05/13/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repor	rt #12
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91							-	
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97	5328		5328				1972	\$1,912.84
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	1									
	1	1								
	-									
	1									
									\$19,9	65.46
	Cum	ulative Tota	al AES & 3rd	Party \$63	,990.78					

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4													
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284															
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284																
7.284	Footage Drilled	1,915	5,187	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
,	New Hole Vol.	181	491	17	_	-	_	-	-	-	_	-	-	-	_	-	-	-	-	_	-	_
	Starting System Volume	2,395	2,448	2,477	2,029	2,445	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747
	Chemical Additions	11	17	,	,	6	,	,	,	,		,	,	,	,	,	,	,	,		,	
	Base Fluid Added	129	304	34	47	5																
	Barite Increase		28	10																		
	Weighted Mud Added				421	291																
	Slurry Added																					
	Water Added	16	56																			
144	Added for Washout	48	48	48																		
1.519	Total Additions	204	453	92	468	302	_	_	-	_	_	_	-	_	_	_	-	-	_		_	_
•	Surface Losses	7	23	74	10																	
	Formation Loss	, , , , , , , , , , , , , , , , , , ,	23	18	10																	
	Mud Loss to Cuttings	132	383	19																		
	Unrecoverable Volume	102	303	42	42																	
	Centrifuge Losses	12	18		72																	
	-						1	1					1	 			I	1	 			1
785	Total Losses	151	425	158	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
382	Mud Transferred Out			382																		
2,747	Ending System Volume	2,448	2,477	2,029	2,445	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747	2,747
130	Mud Recovered		130																			
					omment	٠.					_	omment	c·						omment			
			-					,				Omment	<i>3.</i>						Omment	· ·		
		5/9/20	displacem	101bbls ski ent. Mud lo					5/16/20							5/23/20						
]		12bbls	o Cuttings 3	002 4 bblo	Even 22.2	bbla and C	ant 10														
2,725			bbls. Muc	d recovered s 129.7-bbls	from, shak				5/17/20							5/24/20						
	•	Cuttings 19 s, Shaker R		-5/18/20							5/25/20											
		rucking In	. Mud lost	5/19/20							5/26/20											
		5/13/20	Lost 10.2-	bbls to Pit S	Settlement				5/20/20							5/27/20						
			5/21/20							5/28/20												
			5/22/20							5/29/20												

TEL: (337) 394-1078

9.2° 3,285' TVD

Operator MAGN	NOLIA (OIL & G	AS	Contractor PA	TTERS	ON	County / Paris	h / Block	N	_	eer Start D		24 hr ff	tg.		Drilled	Depth 10,28	34 ft	
Well Name and No				Rig Name ar	id No.		State			Spud [Date		Curren	t ROP		Activity	,		
LEVI GO	ODRIC	H UNIT	2 - 2H		248			EXAS			04/26	/20					U Dri		ре
Report for	D	!la		Report for	al Dual		Field / OSC-G			Fluid T			Circula	ting Rate		Circula	ting Pres	sure	
Kevin		m Harri			ol Pusi	ner		DINGS			ОВ								
		1	TY SPECII					DLUME (BI			PUMF			PUMP #2			ER BC	0051	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	786	bbl	Line	r Size	5.25	Liner	Size 5.	25	Liner	Size		
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	e 432	2 bbl	Str	oke	12	Stro	oke 1	2	Stro	oke		
	M	UD PROP	ERTIES			Г	Active	897	bbl '	bbl	l/stk	0.0763	bbl	/stk 0.0	763	bbl	/stk		
Time Sample	Taken			1:30		11:00	Storag	e <u>152</u>	<u>0 bbl</u>	stk	/min		stk/	/min		stk/	min 'min		
Sample Locat	ion			Suction		suction	Tot. on Lo	cation 273	8 bbl	gal	/min		gal/	/min		gal	min		
Flowline Temp	oerature °	F					Mud Wt. =	= 9.6 PV	=14	YF	P=9	CIRCUI	LATIO	N DATA		n = 0	0.686	K = 1	62.8
Depth (ft)				10,284'		10,284'	Bit I	Depth = 3,2	296 '		W	ashout =	:	ı	Pump	Effici	ency =	95%	, 5
Mud Weight (ppg)			9.6		9.6	Drill String	Volume	to Bit	25.5	5 bbl	Strokes	To Bit			Time '	To Bit		
Funnel Vis (se	ec/qt)		@ 88 °F	55		55	Disp.	Bottoms U	p Vol.	85.6	6 bbl	BottomsU	p Stks		Botto	msUp	Time		
600 rpm				37		37	40.2 bbl	TotalCir	c.Vol.	897.	.1 bbl	TotalCir	c.Stks		Tota	l Circ.	Time		
300 rpm				23		23		DRILLING	G AS	SEME	BLY DA	TA		s	OLID	s co	NTRO	L	
200 rpm				16		17	Tubulars	OD (in.)	ID	(in.)	Leng	ıth T	ор	Unit		Scre	ens	Но	urs
100 rpm	•					12	Drill Pipe	4.500	3.	826	652	2'		Shaker	1	17	70		
6 rpm	•					5	Hevi Wt	4.500	2.	500	2,50	0' 6	52'	Shaker	2	17	70		
3 rpm	rpm					4	Collars	5.167	2.	750	144	l' 3,	152'	Shaker	3	17	70		
Plastic Viscos	ity (cp)		@ 150 °F	14		14						3,2	296'	Centrifug	ge 1				
Yield Point (lb	/100 ft²)		T0 = 3	9		9		CASIN	IG &	HOLE	DATA								
Gel Strength ((lb/100 ft²)	10 s	ec / 10 min	4/6		5/6	Casing	OD (in.)	ID	(in.)	Dep	th T	ор						
Gel Strength ((lb/100 ft2)	30 min	9		8	Riser							VOLUN	IE AC	cou	NTING	(bbl	ls)
HTHP Filtrate	(cm/30 m	nin)	@ 300 °F	4.6		4.6	Surface	10 1/2			2,99	1'		Prev. T	otal o	n Loc	ation	27	737.7
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	73'		Transfe	rred I	n(+)/0	Out(-)		
Retort Solids	Content			10%		10.5%									Oil	Adde	ed (+)		
Corrected Sol	ids (vol%))		8.1%		8.6%								ı	Barite	Adde	ed (+)		
Retort Oil Cor	ntent			66.5%		66%	Oper	Hole Size	6.8	875	10,2	34'		Other Pr	oduct	Usag	je (+)		
Retort Water	Content			23.5%		23.5%	AN	NULAR GE	ОМЕ	TRY	& RHE	OLOGY		١	Nater	Adde	ed (+)		0.3
O/W Ratio				74:26		74:26		_		wale	it- /	ila	CD	Le	ft on (Cuttin	gs (-)		
Whole Mud C	hlorides (ı	mg/L)		48,500		49,000	annula section	ı de	pth		ocity in		/gal	Non-Rec	overa	ble V	ol. (-)		
Water Phase				244,499		246,399				<u> </u>		J			Disc	charg	ed (-)		
Whole Mud A	- "			1.9		2.0	6.875x4	1.5 65	52'			am 9	.60	Est. T	otal o	n Loc	ation	27	738.0
Excess Lime				2.5 ppb		2.6 ppb	6.875x4	I.5 3,1	52'				.60	Est. Los			_		0.0
Electrical Stat	,	<u> </u>		419 v		422 v	6.875x5.		296'				.60				ICS DA	λΤΑ	
Average Spec		<u> </u>	 S	3.49		3.32		,						Bit H.S.I.	1	ΔΡ	Nozzle		 2nds)
Percent Low (2.8%		3.8%											16	16	16
ppb Low Grav				23 ppb		31 ppb								D:: /	Noz	zzle	16	16	16
Percent Barite				5.3%		4.8%								Bit Impact Force	Velo	ocity sec)	-		
ppb Barite	-			76 ppb		69 ppb	RIT I	DATA	Ma	nuf./T	- Type	Ulterra 6	3115		(10.5	,,			
Estimated Tot	al I CM in	System		. 5 ppb		20 ppu	Size	Depth In		ours	Foota		of ft/hr	Motor/M	WD	Calc	. Circ.	Pres	SUITA
Sample Taker		Cystelli		R. Bowlin		M. Meehan	6 7/8	10,284 ft			1 0016	.90 100	14111	. WIOLOI/IVI		Jail	. Circ. 64)		Juit
		mmand-t	200	DOWIII		.vi. ivicciiali			<u> </u>		<u> </u>						U+	JJ1	
Afternoon Rem				_			Afternoon F	ay Activity:											
Pumping	WS Idd UI	reeb ever	y 300 ft. S	weep Con	เสเทร:														

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

Made up BHA with bit, mud motor and MWD. RIH while picking up the 4 1/2" drill pipe.

10,294' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

37.6°

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA Rig Name ar	TTERS	ON	County / Parish / WASH	Block	N	Engineer C)4/22		24 hr ftg	96 ft		Drilled D		30 ft
LEVI GO		H UNI	IT 2 - 2H	Kig Name ai	248			EXAS)4/26	6/20	Current	68 ft/hr	ľ	•	ld S	ection
Report for				Report for			Field / OCS-G #			Fluid Typ			Circulat	ting Rate		Circulati		
Kevin	Burt/ Ji	im Haı	rrison	To	ol Pusi	ner	GID	DINGS			ОВ	М	2	298 gpm	1	3	,276	psi
	MUD	PROPE	ERTY SPECIF	FICATION	s		MUD VO	LUME (BE	BL)		PUMI	P #1		PUMP #2		RISE	R BC	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	83	8 bbl	Liner	Size	5.25	Liner	Size 5.	25	Liner	Size	
9.5-10	8-20	8-10	>300	±250K	<10 <25	<8	In Hole	398	8 bbl	Strol	ke	12	Stro	oke 1	2	Strol	ke	
			•	5/14/20		5/13/20	Active	123	5 bbl	bbl/s	stk	0.0763	bbl/	/stk 0.0	763	bbl/s	stk	0.0000
Time Sample	Taken			1:30		11:00	Storage	<u>152</u>	20 bbl	stk/n	nin	93	stk/	min		stk/n	nin	
Sample Locati	ion			Suction		suction	Tot. on Lo	cation 275	55 bbl	gal/n	nin	298	gal/	min (0	gal/n	nin	0
Flowline Temp	erature °F	F		129 °F				PHHP = 57	0		CII	RCULATIO	N DA	TA		n = 0.	692	K = 177.275
Depth (ft)				10,325'		10,284'	Bit D	epth = 10,	,380 '		١	Washout =	0%		Pump	Efficie	ncy =	: 95%
Mud Weight (p	opg)			9.8		9.6	Drill String	Volume	e to Bit	126.2	bbl	Strokes	To Bit	1,654	-	Time T	o Bit	18 min
Funnel Vis (se	ec/qt)		@ 111 °F	56		55	Disp.	Bottoms U	Jp Vol.	271.5	bbl	BottomsU	p Stks	3,558	Bottor	msUp ⁻	Time	38 min
600 rpm				42		37	78.8 bbl	TotalCi	rc.Vol.	1235.3	3 bbl	TotalCir	c.Stks	16,189	Total	l Circ.	Time	174 min
300 rpm				26		23		DRILLIN	G ASS	SEMBL	Y DA	TA		s	OLIDS	S CON	ITRO	L
200 rpm	·					17	Tubulars	OD (in.)	ID	(in.)	Len	igth T	ор	Unit		Scre	ens	Hours
100 rpm				11		12	Drill Pipe	4.500	3.	826	7,7	36'	0'	Shaker	1	17	0	24.0
6 rpm				6		5	Hevi Wt	4.500	2.	500	2,5	00' 7,	736'	Shaker	2	17	0	24.0
3 rpm				5		4	Collars	5.167	2.	750	14	4' 10	236'	Shaker	3	17	0	24.0
Plastic Viscos	•			16		14						10	380'	Centrifuç	ge 1			
Yield Point (lb.	/100 ft²)		T0 = 4	10		9		CASIN	NG & I	HOLE D	DATA							
Gel Strength (lb/100 ft²)	1	10 sec/10 min	5/7		5/6	Casing	OD (in.)	ID	(in.)	De	pth T	ор					
Gel Strength (lb/100 ft ²)		30 min	10		8	Riser	0			C)'		VOLUM	IE AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	5.2		4.6	Surface	10 1/2			2,9	91'	0'	Prev. T	otal o	n Loca	ation	2737.7
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred Ir	n(+)/O	ut(-)	
Retort Solids (Content			11%		10.5%									Oil	Added	(+) b	26.3
Corrected Soli	ids (vol%)			9%		8.6%									Barite	Added	(+) b	7.0
Retort Oil Con	itent			65.5%		66%	Oper	Hole Size	6.	875	10,3	380'		Other Pr	oduct	Usage	e (+)	3.9
Retort Water (Content			23.5%		23.5%	ANI	NULAR GE	EOME	TRY &	RHE	DLOGY		١	Water	Added	(+) t	
O/W Ratio				74:26		74:26	annulai	. me	eas.	velo	citv	flow E	CD	Le	ft on C	Cutting	s (-)	-3.5
Whole Mud Cl	hlorides (n	ng/L)		50,000		49,000	section		epth	ft/m	•		/gal	Non-Red	overal	ble Vo	l. (-)	-6.0
Water Phase	Salinity (p	pm)		250,170		246,399		,				,			Disc	harge	d (-)	-10.0
Whole Mud Al	kalinity, P	om		2.1		2.0	6.875x4	5 7,	736'	270	.4	turb 10).41	Est. T	otal o	n Loca	ation	2755.4
Excess Lime (lb/bbl)			2.7 ppb		2.6 ppb	6.875x4	5 10	,236'	270	.4	turb 10).46	Est. Los	ses/Ga	ains (-)/(+)	0.0
Electrical Stab	oility (volts))		429 v		422 v	6.875x5.1	67 10	,273'	355	.2	turb 10).54	BIT	HYDR	AULI	CS D	ATA
Average Spec	ific Gravity	y of Soli	ids	3.46		3.32	6.875x5.1	67 10	,380'	355	.2	turb 10).62	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Percent Low C	Gravity Sol	lids		3.3%		3.8%								0.27	58	psi	16	16 16
ppb Low Grav	ity Solids			27 ppb		31 ppb								Bit Impact	Noz		16	16 16
Percent Barite)			5.7%		4.8%								Force	Velo (ft/s	-		
ppb Barite				82 ppb		69 ppb	BIT D	ATA	Ma	anuf./Ty	ре	Ulterra 6	3115	123 lbs	8	1		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Foot	tage ROI	o ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taken By				R. Bowlin	0	M. Meehan	6 7/8	10,284 ft	3	3.0	96	ft 3	2.0	1,600 ן	osi		3,348	psi
				1	1		H		1			1						

Remarks/Recommendations:

OBM RECEIVED: (2816) bbls----9.5ppg-9.9ppg

On Hand (2,755) bbls Returned (382) bbls

Diesel at 5-BPH Currently No H2O Until Oil % Increases

MW @ 9.8ppg No Sweeps until curve have been landed.

Rig Activity:

PU 6.875" directional BHA and 4.50" DP. Drilled track and 10' of new formation to 10,294'MD. Performed a FIT to 13.0ppg EMW with 9.8ppg active MW @ 1,700 PSI at 10,206'TVD. Drilled ahead on the build section to 10,380'MD at the time of the pm report. No sweeps until build section has been landed. Chemical treatments will be kept to a minimum as necessary to maintain the drilling fluid within the recommended parameters. Currently making additions of Lime, CaCl2 and Diesel.

E	ng. 1:	Λ	/latt M	1eeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	98	85-35	1-756	31	Pł	none:	228-9	990-1055	Phone:	432-685-40	23 Phone	: -			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the use		ver, no represei	in, has been prepared ntation is made as to the	\$3,726.85	\$47,752.17
												INCLU	JDING 3RD P	ARTY CHARGES	\$4,751.17	\$68,741.95

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

78.4° 10,608' TVD

Operator				Contractor			County / Parisl	n / Block		Enginee	r Start Date	24 1	nr ftg.		Drilled	Denth		
·	NOLIA (OIL &	GAS		TTERS	ON	·	HINGT	ON)4/22/2(679	ft		11,0	59 ft	
Well Name and No			IT 0 011	Rig Name ar			State	-		Spud Da			rent ROP		Activity			
LEVI GO	ODRICI	H UN	11 2 - 2H	Report for	248		Field / OSC-G	EXAS		Fluid Ty	04/26/20		89 ft	hr	Circula	Slid	_	
Kevin I	Burt/ Ji	m Ha	rrison	То	ol Push	ner	GIE	DING	S		ОВМ		391 g	pm		3,910	psi	İ
	MUD	PROPI	ERTY SPECI	FICATION	IS		MUD VO	DLUME (BBL)		PUMP #1		PUMP	#2	RIS	ER B	OOST	ER
Weight	PV	YF	E.S.	CaCl2	GELS	HTHP	In Pits	. 8	33 bbl	Liner	Size 5	.25 Lii	ner Size	5.25	Line	Size		
9.5-10	8-20	8-1	0 >300	±250K	<10 <25	<8	In Hole	e 4	25 bbl	Strol	ke	12	Stroke	12	Stro	oke		
	M	UD PR	OPERTIES				Active	12	258 bbl	bbl/s	stk 0.0	763	obl/stk	0.0763	bbl	/stk		
Time Sample	Taken			1:30		11:00	Storage	e <u>1</u> 5	520 bbl	stk/n	nin (61 s	stk/min	61	stk/	min		
Sample Locat	ion			Suction		suction	Tot. on Loc	cation 27	778 bbl	gal/n	nin 1	96	gal/min	196	gal	min 'min		
Flowline Temp	oerature °	F		129 °F		148 °F	Mud Wt. =	= 9.8 F	PV=16	YP=	:10 C	RCULAT	ION DAT	A	n = ().692	K = 17	77.3
Depth (ft)				10,325'		11,059'	Bit D	epth = 1	1,059 '		Wash	nout =		Pump	o Effici	ency =	= 95%	
Mud Weight (լ	ppg)			9.8		9.8	Drill String	Volur	ne to Bit	135.9	bbl S	rokes To I	3it 1,78	1	Time	To Bit	15 m	nin
Funnel Vis (se	ec/qt)		@ 111 °F	56		46	Disp.	Bottoms	Up Vol.	289.3	B bbl Bott	omsUp St	ks 3,79	2 Botte	omsUp	Time	31 m	nin
600 rpm				42		44	82.6 bbl	Total	Circ.Vol.	1258.2	2 bbl T	otalCirc.St	ks 16,48	39 Tot	al Circ.	Time	135 r	min
300 rpm				26		27		DRILLI	NG AS	SEMBL	Y DATA			SOLIE	os co	NTRO	L	
200 rpm	•					19	Tubulars	OD (in.) ID	(in.)	Length	Тор	ι	Jnit	Scre	ens	Hou	ırs
100 rpm	•					12	Drill Pipe	4.500	3.8	826	8,415'		Sha	aker 1	17	70	10.	.0
6 rpm	6 rpm			6		6	Hevi Wt	4.500	2.	500	2,500'	8,415	Sha	aker 2	17	70	10.	.0
3 rpm	•			5		5	Collars	5.167	2.	750	144'	10,915	5' Sha	aker 3	17	70	10.	.0
Plastic Viscos	ity (cp)		@ 150 °F	16		17						11,059) Cent	rifuge 1				
Yield Point (lb	/100 ft²)		T0 = 4	10		10		CAS	ING &	HOLE	DATA							
Gel Strength ((lb/100 ft²)) 1	10 sec / 10 min	5/7		6/8	Casing	OD (in.) ID	(in.)	Depth	Тор						
Gel Strength ((lb/100 ft2)	30 min	10		10	Riser						VOI	UME A	ccou	NTING	(bbls	s)
HTHP Filtrate	(cm/30 m	nin)	@ 300 °F	5.2		5.2	Surface	10 1/2			2,991'		Pre	v. Total	on Loc	ation	27	55.3
HTHP Cake T	hickness	(32nds	s)	2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,273'		Tra	nsferred	In(+)/0	Out(-)		
Retort Solids	Content			11%		11%								0	il Adde	ed (+)	4	43.4
Corrected Sol	ids (vol%))		9%		9.1%								Barite	e Adde	ed (+)		
Retort Oil Con	ntent			65.5%		65.5%	Open	Hole Siz	ze 6.8	875	11,059'		Othe	r Produc	t Usag	je (+)		4.3
Retort Water (Content			23.5%		23.5%	AN	NULAR (GEOME	TRY &	RHEOL	OGY		Wate	r Adde	ed (+)		0.1
O/W Ratio				74:26		74:26	annula	ır	depth	velo	city flow	ECD		Left on	Cuttin	gs (-)	-2	24.9
Whole Mud C	hlorides (ı	mg/L)		50,000		50,000	section	n	аорит	ft/m	in reg	lb/gal	Non-	Recover	able V	ol. (-)		
Water Phase	Salinity (p	pm)		250,170		250,170								Dis	scharg	ed (-)		
Whole Mud Al	lkalinity, F	om		2.1		1.8	6.875x4	1.5	3,415'	354	.7 turb	10.81	Es	st. Total	on Loc	ation	277	78.2
Excess Lime ((lb/bbl)			2.7 ppb		2.3 ppb	6.875x4	1.5 1	0,273'	354	.7 turb	10.87	Est.	Losses/0	Gains (-)/(+)		0.0
Electrical Stat	oility (volts	s)		429 v		409 v	6.875x4	1.5 1	0,915'	354	.7 turb	10.96		BIT HYD	RAUL	ICS D	ATA	
Average Spec	cific Gravit	ty of So	olids	3.46		3.45	6.875x5.	167 1	1,059'	465	i.9 turb	11.06	Bit H.	S.I. Bi	tΔP	Nozz	es (32ı	nds)
Percent Low 0	Gravity So	olids		3.3%		3.4%							0.6	99	psi	16	16	16
opb Low Gravity Solids				27 ppb		28 ppb							Bit Imp	act Ve	zzle locity	16	16	16
Percent Barite				5.7%		5.7%							Ford	e	sec)			
ppb Barite				82 ppb		82 ppb	BIT [DATA	Ма	nuf./Ty	pe Ult	erra 6115	211	bs 1	06			
Estimated Total LCM in System							Size	Depth I	n Ho	ours	Footage	ROP ft/	hr Moto	r/MWD	Calc	. Circ.	Press	sure
Sample Taker	n By			R. Bowlin		M. Meehan	6 7/8	10,284	ft 13	3.0	775 ft	59.6	1,00	00 psi		3,910) psi	
							•											

Afternoon Remarks/Recommendations:

Pumping 10 bbl sweep every 300 ft. Sweep Contains:

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

Afternoon Rig Activity:

Sliding ahead while increasing the angle in the build section. Adding Bentone 910 and Bentone 990 to increase the Yield Point and 6/3 RPM readings in the build section. Added Lime to maintain the alkalinity. Added Calcium Chloride to maintain the CaCL2. The HTHP is being maintained with Opti-G.

OUTSOURCE FLUID SOLUTIONS LLC.

78.4° 10,787' TVD

MAGNOLIA OIL & GAS Well Name and No.	Contractor P	ATTERS	ON	County / Parish / WASH	HINGTO	N	Engineer Start 04/2 Spud Date	22/20	24 hr f	1,590 ft	:	illed Depth 11,9	70 f	t
LEVI GOODRICH UNIT 2 - 2	2H	248		TE	EXAS		04/	26/20		0 ft/hr		Circu	latin	ıg
Report for Kevin Burt/ Jim Harrison	Report for	ool Pusi	hor	Field / OCS-G #	DINGS		Fluid Type	вм		ating Rate 391 gpn		rculating Pre		
MUD PROPERTY S			ICI		LUME (B	BI \		MP #1		PUMP #2		RISER B	-	
	S. CaCl2	GELS	НТНР	In Pits		8 bbl	Liner Size		5 Line			iner Size	003	
	00 ±250K		<6	In Hole		55 bbl	Stroke	12			12	Stroke		
3.3-10 0-20 0-12 2	5/15/20		5/14/20	Active		32 bbl	bbl/stk	0.07			763	bbl/stk	0.0	0000
Time Sample Taken	0:30		11:00	Storage		20 bbl	stk/min	61				stk/min	0.0	000
Sample Location	Suction		suction	Tot. on Loc			gal/min	19				gal/min		0
Flowline Temperature °F	148 °F		148 °F		PHHP = 7:				ATION DA			= 0.684		
Depth (ft)	11,970		11,059'		Depth = 11				ut = 2%	1		fficiency		
Mud Weight (ppg)	9.8		9.8		•		148.5 bb	1	kes To Bit		<u> </u>	me To Bit		
	24 °F 45		46	Drill String Disp.			315.7 bb		nsUp Stks	,		sUp Time		min
600 rpm	45		44	87.4 bbl			1232.2 bb		alCirc.Stks	*		Circ. Time		
300 rpm	28		27		DRILLIN	IG ASS	SEMBLY D			1		CONTRO		
200 rpm	21		19	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit	: ;	Screens	Ho	ours
100 rpm	14		12	Drill Pipe	4.500	3.	826 9	,302'	0'	Shake	r 1	170	24	4.0
6 rpm	6		6	Hevi Wt	4.500	2.	500 2	2,500'	9,302'	Shake	r 2	170	24	4.0
3 rpm	5		5	Collars	5.167	2.	750	144'	11,802'	Shake	r 3	170	24	4.0
Plastic Viscosity (cp) @ 1	50 °F 17		17						11,946'	Centrifu	ge 1		3	3.0
Yield Point (lb/100 ft²) T0 =	4 11		10		CASI	NG & I	HOLE DAT	`A		1				
Gel Strength (lb/100 ft²) 10 sec/1	0 min 7/10		6/8	Casing	OD (in.)	ID	(in.)	Depth	Тор	_				
Gel Strength (lb/100 ft ²) 3	0 min 13		10	Riser	0			0'		VOLUM	ME ACC	OUNTIN	G (bb	ols)
HTHP Filtrate (cm/30 min) @ 3	00 °F 5.6		5.2	Surface	10 1/2		2	2,991'	0'	Prev.	Fotal on	Location	2	755.3
HTHP Cake Thickness (32nds)	2.0		2.0	Int. Csg.	7 5/8	6.	875 10	0,273'	0'	Transfe	erred In(+)/Out(-)		
Retort Solids Content	11.5%		11%								Oil A	dded (+)		184.5
Corrected Solids (vol%)	9.5%		9.1%								Barite A	dded (+)		26.4
Retort Oil Content	65%		65.5%	Oper	Hole Size	e 7.	013 1 ⁻	1,970'		Other P	roduct U	sage (+)		7.7
Retort Water Content	23.5%		23.5%	ANI	NULAR G	EOME	TRY & RH	EOLOG	Y		Water A	dded (+)		
O/W Ratio	73:27		74:26	annular	r m	neas.	velocity	flow	ECD	Le	eft on Cu	ittings (-)		-76.0
Whole Mud Chlorides (mg/L)	50,000		50,000	section		epth	ft/min	reg	lb/gal		Evap/Pi	ts/Cent.		-40.0
Water Phase Salinity (ppm)	250,170)	250,170		, I		I.				Partia	l Losses	-	104.7
Whole Mud Alkalinity, Pom	2.0		1.8	6.875x4.	.5 9	,302'	354.7	turb	10.76	Est.	Total on	Location	2	753.4
Excess Lime (lb/bbl)	2.6 ppb		2.3 ppb	6.875x4.	.5 10),273'	354.7	turb	10.76	Est. Los	ses/Gai	ns (-)/(+)		0.0
Electrical Stability (volts)	415 v		409 v	7.013x4.	.5 11	,802'	331.2	turb	10.82	BIT	HYDRA	ULICS E	ATA	
Average Specific Gravity of Solids	3.32		3.45	7.013x5.1	67 11	,946'	426.2	turb	10.84	Bit H.S.I.	Bit Δ	P Nozz	des (3	2nds)
Percent Low Gravity Solids	4.2%		3.4%							0.61	99 p	si 16	16	16
ppb Low Gravity Solids	35 ppb		28 ppb							Bit Impact	Nozz		16	16
Percent Barite	5.3%		5.7%							Force	Veloci (ft/sec	-		
ppb Barite	76 ppb		82 ppb	BIT D	ATA	Ma	anuf./Type	Ulte	ra 6115	211 lbs	106			
Estimated Total LCM in System p	ob			Size	Depth In	Н	ours Fo	ootage	ROP ft/hr	Motor/M	WD (Calc. Circ	. Pres	ssure
		0	M. Meehan	6 7/8	10,284 f		5.0 1,	686 ft	67.4	1,200			4 psi	

Remarks/Recommendations:

OBM RECEIVED: (2816) bbls----9.5ppg-9.9ppg

OBM On Hand (2,754) bbls

Partial Losses after being shut in (56)-bbls initially/113.7bbls

Diesel at 7-BPH While Drilling Ahead

MW @ 9.8ppg/Resumed Sweeps pumping 10bbls Every 500'

Rig Activity:

Continued drilling the build section to landing point at 11,056'MD. Drilled ahead on the production section to 11,970'MD at the time of the am report. Decision has been made to TOOH due to a suspected wash out in the drill string. Observed partial losses during the day tour after being shut in for rig service. Pumped a 25-bbls LCM sweep and decreased active MW to 9.7ppg, losses subsided. Again increased MW to 9.8ppg to replace ECD while in a static condition during the TOOH. At the time of report building a 14.0ppg slug and increasing MW of the 16.0ppg kill mud to 17.0ppg.

Е	ng. 1:	N	/latt N	1eeha	an	Eı	ng. 2:	Rob	Bowlin	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	98	85-35	1-75	61	PI	hone:	228-9	990-1055	Phone:	432-685-	4023	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	used if the	user so		no representation	nas been prepared on is made as to the	\$6,449.82	\$54,201.99
													INCLUDII	NG 3RD PAR	TY CHARGES	\$13,988.38	\$82,730.33

TEL: (337) 394-1078

0.6° 239' TVD

Operator				Contractor			County / Parisl	n / Block		Engine	er Start Date	241	nr ftg.		Drilled	Depth		
MAGNO	LIA C	IL & (GAS		TTERS	ON	-	HINGTO	N	_	04/22/20		ii rig.			11,9	70 ft	t
Well Name and No.				Rig Name ar			State			Spud D			rent ROP		Activity			
LEVI GOOD	DRICH	I UNI	Г 2 - 2Н	Report for	248		Field / OSC-G	EXAS		Fluid T	04/26/20		culating Rate		Circula	PO ating Pre		
Kevin Bu	ırt/ Jir	n Har	rison		ol Push	ner		" DINGS		i idid i	ОВМ	Oiic	diating Nate		Oilcuie	ung r re	soure	
	MUD F	PROPE	RTY SPECII	FICATION	IS		MUD VO	DLUME (B	BL)		PUMP #1		PUMP	#2	RIS	ER B	oos	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	670) bbl	Liner	Size 5.	25 Liı	ner Size	5.25	Line	r Size		
9.5-10	8-20	8-12	>300	±250K	<10 <25	<6	In Hole	e 549	9 bbl	Stro	oke 1	2 8	Stroke	12	Str	oke		
	MU	JD PRO	PERTIES		-		Active	67	7 bbl	bbl	/stk 0.0	763 I	obl/stk (0.0763	bbl	/stk		
Time Sample Tak	ken			0:30		12:30	Storage	e <u>132</u>	5 bbl	stk/	min min	s	stk/min		stk	/min		
Sample Location				Suction		suction	Tot. on Loc	cation 254	4 bbl	gal/	min 'min	g	gal/min		gal	/min		
Flowline Tempera	ature °F	=		148 °F			Mud Wt. =	= 9.8 PV	′=17	YP	=11 CI	RCULAT	ION DATA		n = (0.684	K = 1	199.9
Depth (ft)				11,970'		11,970'	Bit	Depth = 2	39 '		Wash	out = 2%	, o	Pum	o Effic	iency :	= 95%	6
Mud Weight (ppg	g)			9.8		10.0	Drill String	Volume	to Bit	1.6	bbl St	rokes To I	Bit		Time	To Bit		
Funnel Vis (sec/q	qt)		@ 124 °F	45		49	Disp.	Bottoms U	lp Vol.	5.4	bbl Botto	omsUp St	ks	Botte	omsUp	Time		
600 rpm				45		47	4.0 bbl	TotalCi	rc.Vol.	677.	0 bbl To	talCirc.St	ks	Tot	al Circ.	Time		
300 rpm				28		29		DRILLIN	G ASS	SEMB	LY DATA			SOLIE	os co	NTRO	L	
200 rpm				21		21	Tubulars	OD (in.)	ID	(in.)	Length	Тор	U	nit	Scr	eens	Но	ours
100 rpm	·					14	Drill Pipe	4.500	3.8	326			Shal	ker 1	1	70		
6 rpm	·					6	Hevi Wt	4.500	2.5	500	95'		Shal	ker 2	1	70		
3 rpm	•					5	Collars	5.167	2.7	750	144'	95'	Shal	ker 3	1	70		
Plastic Viscosity	(cp)		@ 150 °F	17		18						239'	Centri	fuge 1				
Yield Point (lb/10	00 ft²)		T0 = 4	11		11		CASI	NG & I	HOLE	DATA							
Gel Strength (lb/1	100 ft²)	10	sec / 10 min	7/10		7/10	Casing	OD (in.)	ID	(in.)	Depth	Тор						
Gel Strength (lb/1	100 ft2))	30 min	13		12	Riser						VOL	UME A	ccou	NTING	dd) e	ls)
HTHP Filtrate (cn	n/30 mi	in)	@ 300 °F	5.6		5.6	Surface	10 1/2			2,991'		Prev	. Total	on Loc	ation	27	753.4
HTHP Cake Thicl	kness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,273'		Tran	sferred	In(+)/0	Out(-)		
Retort Solids Cor	ntent			11.5%		12%								0	il Adde	ed (+)		71.6
Corrected Solids	(vol%)			9.5%		10.1%								Barite	e Adde	ed (+)		
Retort Oil Conten	nt			65%		64.5%	Open	Hole Size	7.0	013	11,970'		Other	Produc	t Usaç	ge (+)		
Retort Water Cor	ntent			23.5%		23.5%	AN	NULAR G	EOME	TRY	& RHEOLO	OGY		Wate	r Adde	ed (+)		
O/W Ratio				73:27		73:27	annula	ır .		velo	ocity flow	ECD		Left on	Cuttin	gs (-)		
Whole Mud Chlor	rides (n	ng/L)		50,000		50,000	section	1 (16	pth		nin reg	lb/gal		Evap	/Pits/0	Cent.		
Water Phase Sal	linity (p _l	pm)		250,170		250,170						!		Pa	rtial Lo	osses	-2	281.2
Whole Mud Alkal	linity, P	om		2.0		1.8	6.875x4	1.5	95'		lam	9.80	Est	. Total	on Loc	cation	25	543.7
Excess Lime (lb/b	bbl)			2.6 ppb		2.3 ppb	6.875x5.	167 2	39'		lam	9.80	Est. L	osses/0	Gains ((-)/(+)		0.0
Electrical Stability	y (volts)		415 v		411 v							В	IT HYD	RAUL	ICS D	ATA	
Average Specific	Gravit	y of Sol	ids	3.32		3.43							Bit H.S	.l. Bi	t ΔP	Nozz	es (32	2nds)
Percent Low Grav	ercent Low Gravity Solids					3.8%										16	16	16
ppb Low Gravity	pb Low Gravity Solids					32 ppb							Bit Impa		ozzle	16	16	16
Percent Barite				5.3%		6.2%							Force	ve	locity (sec)			
ppb Barite	pb Barite					89 ppb	BIT D	DATA	Ма	nuf./T	ype Ult	erra 6115	5					
Estimated Total L	stimated Total LCM in System						Size	Depth In	Но	urs	Footage	ROP ft/	hr Motor	/MWD	Calc	. Circ	Pres	sure
Sample Taken By	Sample Taken By					M. Meehan	6 7/8	10,284 ft	25	5.0	1,686 ft	67.4	900	psi		907	psi	
Afternoon Remarks/Recommendations:							Afternoon R	ig Activity:							1			

Pumping 10 bbl sweep every 300 ft. Sweep Contains:

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

POOH while pumping 17.0 ppg mud down the annulus. Built 8.9 ppg mud in the slug pit. Reducing the mud wt.in the system to 9.8 ppg with additions of diesel. Will catch the 17.0 ppg mud in the trip tank and transfer to reserve when RIH.

OUTSOURCE FLUID SOLUTIONS LLC.

94.3° 10,543' TVD

_	NOLIA (OIL &	GAS		TTERS	ON	_	Block HINGTO	N)4/22		24 hr ft	0 ft			11,9	70 f	t
Well Name and No.	ODDIO		T 0 011	Rig Name an			State			Spud Dat		2/00	Curren			Activity		-4!	_
LEVI GO	ODRIC	H UNI	1 2 - 2H	Report for	248		Field / OCS-G #	EXAS		Fluid Typ)4/26 •	5/20	Circula	0 ft/hr			ircul		g
	Burt/ Ji	im Har	rison		ol Pusi	her		DINGS		, ,	ОВ	М		596 gpm			3,056		si i
	MUD	PROPE	RTY SPECIF	ICATION			MUD VO	LUME (BE	BL)		PUMF	P #1		PUMP #2		RIS	ER B	oos.	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	786	6 bbl	Liner	Size	5.25	Line	r Size 5.	.25	Liner	Size		
9.5-10	8-20	8-12	>300	±250K	<10 <25	<6	In Hole	482	2 bbl	Stro	ke	12	Stro	oke 1	12	Stro	ke		
				5/16/20		5/15/20	Active	126	8 bbl	bbl/s	stk	0.0763	bbl	/stk 0.0	763	bbl	/stk	0.0	0000
Time Sample	Taken			1:30		12:30	Storage	<u>108</u>	0 bbl	stk/r	nin	91	stk	min 9	95	stk/	min		
Sample Locati	on			Suction		suction	Tot. on Loc	cation 234	8 bbl	gal/r	nin	292	gal	/min 3	04	gal/	min	1	0
Flowline Temp	erature °F	F					F	PHHP = 106	63	I	CIF	RCULATI	ON DA	TA	l	n = 0	.747	K = 1	35.177
Depth (ft)				11,970'		11,970'	Bit C	Depth = 11,	970 '		٧	Vashout	= 2%		Pump	Effici	ency =	= 95%	6
Mud Weight (p	ppg)			10.0		10.0	Drill String	Volume	to Bit	168.4	bbl	Stroke	s To Bit	2,207		Time ⁻	To Bit	12	min
Funnel Vis (se	c/qt)		@ 106 °F	49		49	Disp.	Bottoms U	lp Vol.	313.5	bbl	Bottoms	Jp Stks	4,108	Botto	msUp	Time	22	min
600 rpm				47		47	67.9 bbl	TotalCi	rc.Vol.	1267.9	9 bbl	TotalC	irc.Stks	16,616	Tota	l Circ.	Time	89	min
300 rpm				28		29		DRILLIN	G ASS	SEMBL	Y DA	ГΑ		s	OLID	s col	NTRO	L	
200 rpm				20		21	Tubulars	OD (in.)	ID	(in.)	Len	gth	Тор	Unit		Scre	ens	Но	ours
100 rpm				14		14	Drill Pipe	4.500	3.	826	11,7	731'	0'	Shaker	r 1	17	70	24	4.0
6 rpm	rpm			6		6	Hevi Wt	4.500	2.	500	98	5' 1	1,731'	Shaker	r 2	17	70	24	4.0
3 rpm	rpm			5		5	Collars	5.167	2.	750	14	4' 1	1,826'	Shaker	r 3	17	70	24	4.0
Plastic Viscosi	rpm ttic Viscosity (cp) @ 1			19		18						1	1,970'	Centrifuç	ge 1				
Yield Point (lb/	/100 ft²)		T0 = 4	9		11		CASIN	IG & H	HOLE [DATA								
Gel Strength (I	lb/100 ft²)	1	0 sec/10 min	6/9		7/10	Casing	OD (in.)	ID	(in.)	Dep	pth	Тор						
Gel Strength (l	lb/100 ft ²)		30 min	12		12	Riser	0			0	'		VOLUN	IE AC	cou	NTING	dd) ŧ	ls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.4		5.6	Surface	10 1/2			2,9	91'	0'	Prev. T	Total o	n Loc	ation	2	753.4
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred li	n(+)/C	Out(-)		
Retort Solids (Content			12%		12%									Oil	Adde	d (+)		118.4
Corrected Soli	ds (vol%)			10.1%		10.1%									Barite	Adde	d (+)		25.7
Retort Oil Con	tent			65.5%		64.5%	Open	Hole Size	6.	885	11,9	970'		Other Pr	roduct	Usag	e (+)		0.7
Retort Water 0	Content			22.5%		23.5%	ANI	NULAR GE	OME	TRY &	RHEC	DLOGY		,	Water	Adde	d (+)		
O/W Ratio				74:26		73:27	annular	r me	eas.	velo			ECD	Le	eft on C	Cutting	gs (-)		0.0
Whole Mud Ch	nlorides (n	ng/L)		48,000		50,000	section	de	epth	ft/m	iin	reg l	b/gal		Evap/l	Pits/T	rips.		-50.4
Water Phase S	Salinity (p	pm)		250,669		250,170									Par	tial Lo	sses	-!	500.0
Whole Mud All	kalinity, P	om		1.4		1.8	6.875x4.	.5 10,	273'	540	.8	turb 1	2.09	Est. 7	Total o	n Loc	ation	23	347.9
Excess Lime (lb/bbl)			1.8 ppb		2.3 ppb	6.885x4.	.5 11,	731'	538	.1	turb 1	2.30	Est. Los	ses/G	ains (-)/(+)		0.0
Electrical Stab	ility (volts))		478 v		411 v	6.885x4.	.5 11,	826'	538	.1	turb 1	2.32	ВІТ	HYDR	RAULI	CS D	ATA	
Average Spec	ific Gravit	y of Soli	ds	3.46		3.43	6.885x5.1	67 11,	970'	705	5.7	turb 1	2.39	Bit H.S.I.	Bit	ΔΡ	Nozz	es (3	2nds)
Percent Low G	Gravity Sol	lids		3.7%		3.8%								2.29	236	psi	16	16	16
ppb Low Gravi	ity Solids			30 ppb		32 ppb								Bit Impact	Noz Velc		16	16	16
Percent Barite				6.4%		6.2%								Force	(ft/s	-			
ppb Barite				92 ppb		89 ppb	BIT D	ATA	Ма	anuf./Ty	pe	Security	GDT	501 lbs	16	32			
Estimated Total LCM in System ppb							Size	Depth In	Н	ours	Foot	age RC	P ft/hr	Motor/M	WD	Calc	. Circ.	Pres	ssure
Sample Taken By				R. Bowlin	0	M. Meehan	6 3/4	11,970 ft	1	1.0	6	ft	6.0	900 p	si		5,001	psi	_

Remarks/Recommendations:

OBM RECEIVED: (2816) bbls----9.5ppg-9.9ppg

OBM On Hand (2,348) bbls

Partial Losses from Trip (520.4) bbls

Diesel at 7-BPH While Drilling Ahead H2O at 2-BPH

MW @ 9.7ppg/Resume Sweeps pumping 10bbls Every 500'

Rig Activity:

Continued TOOH due to washout in the drill string, located the same in the UBHO sub. Maintained hole fill with 17.0ppg Kill mud to control pressures on surface, TIH to 6,067'MD and circulated out heavy mud, observed highest MW of 11-11.2ppg and diverted the same to the trip tanks 72bbls total. TIH to 8,500'MD broke circ for 15 min, TIH to 10,500'MD circulated a BU to remove any gas that migrated into the wellbore. Plan to relog the last 1 1/2 Stands. Sweep program will resume once on bottom drilling ahead/ Circ. Chemical additions to be made as necessary to maintain the drilling fluid within the recommended parameters. Cutting MW back to 9.7ppg

Е	ng. 1:	Ν	/latt N	1eeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	9	85-35	1-756	61	Ph	none:	228-9	990-1055	Phone:	432-685-402	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 2	O 1	carefully	and may be	used if the use		er, no representa	has been prepared tion is made as to the	\$30,973.75	\$85,175.74
												INCLUI	RTY CHARGES	\$35,837.89	\$118,568.22	

110 Old Market St.

St Martinville, LA 70582

91.6° 10,483' TVD

Operator				Contractor			County / Parisl	h / Block		Engineer	Start Date	24 hr	ftg.		Drilled I	Depth		
·	NOLIA (OIL &	GAS	PA	TTERS	ON	-	HINGT	ON	1	4/22/20		998 ft			12,96	38 ft	t
Well Name and No				Rig Name ar			State			Spud Da		Curre	nt ROP		Activity			
LEVI GO	ODRIC	H UN	IT 2 - 2H	Report for	248		T Field / OSC-G	EXAS		Fluid Typ	4/26/20	Circu	121 ft/hr ating Rate			Drill ing Pres	_	
Kevin I	Burt/ Ji	m Ha	rrison		ol Push	ner		" DDINGS	3	ridia ryp	ОВМ	Oirea	385 gpm			,143		i
	MUD	PROPI	ERTY SPECI	FICATION	IS		MUD VO	DLUME (BBL)	F	PUMP #1		PUMP #2		RIS	ER BO	 DOS1	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	5 7	84 bbl	Liner S	Size 5.2	25 Line	er Size 5.	25	Liner	Size		
9.5-10	8-20	8-1	2 >300	±250K	<10 <25	<6	In Hole	e 5	22 bbl	Strok	e 1	2 St	roke 1	2	Stro	ke		
	M	UD PR	OPERTIES				Active	. 13	806 bbl	bbl/s	tk 0.0	763 bb	ol/stk 0.0	763	bbl/	stk		
Time Sample	Taken			3:36	3:00	12:00	Storage	e <u>9</u>	93 bbl	stk/m	nin 6	O stl	x/min 6	60	stk/	min		
Sample Locat	ion			suction	shaker	suction	Tot. on Loc	cation 22	.99 bbl	gal/m	nin 19	2 ga	l/min 19	92	gal/	min		
Flowline Temp	perature °	F		114 °F	112 °F	140 °F	Mud Wt. =	= 9.9 F	V=13	YP=	9 CIF	CULATION	ON DATA	ı	n = 0	.670	K = 1	172.1
Depth (ft)				12,225'	12,136'	12,968'	Bit C	Depth = 1	2,968 '		Wash	out = 2%	1	Pump	Efficie	ency =	95%	6
Mud Weight (ppg)			9.9	9.9	9.8	Drill String	Volun	ne to Bit	182.6	bbl Str	okes To Bi	t 2,393	7	Time 1	o Bit	20 ו	min
Funnel Vis (se	ec/qt)		@ 90 °F	46	44	42	Disp.	Bottoms	Up Vol.	339.8	bbl Botto	msUp Stks	4,453	Bottor	nsUp	Time	37 ו	min
600 rpm				35	36	34	73.4 bbl	Total	Circ.Vol.	1306.4	bbl To	alCirc.Stk	17,120	Total	Circ.	Time	143	min
300 rpm				22	23	22		DRILLI	NG AS	SEMBL	Y DATA		s	OLIDS	S COI	NTRO	L	
200 rpm				15	17	16	Tubulars	OD (in.) ID	(in.)	Length	Тор	Unit		Scre	ens	Но	urs
100 rpm				10	11	12	Drill Pipe	4.500	3.8	826	12,729'		Shaker	1	17	0	12	2.0
6 rpm				5	5	6	Hevi Wt	4.500	2.	500	95'	12,729'	Shaker	2	17	0	12	2.0
3 rpm				4	4	5	Collars	5.167	2.	750	144'	12,824'	Shaker	3	17	0	12	2.0
Plastic Viscos	ity (cp)		@ 150 °F	13	13	12						12,968'	Centrifug	ge 1			2.	.0
Yield Point (lb	/100 ft²)		T0 = 3	9	10	10		CAS	ING &	HOLE [DATA							
Gel Strength ((lb/100 ft²)) 1	0 sec / 10 min	4/6	5/10	6/8	Casing	OD (in.) ID	(in.)	Depth	Тор						
Gel Strength ([lb/100 ft2	!)	30 min	10	12	10	Riser						VOLUM	IE AC	coul	NTING	i (bbl	ls)
HTHP Filtrate	(cm/30 m	nin)	@ 300 °F	6.8	8.0	6.0	Surface	10 1/2			2,991'		Prev. T	otal or	n Loc	ation	23	347.9
HTHP Cake T	hickness	(32nds	s)	2.0	2.0	2.0	Int. Csg.	7 5/8	6.8	875	10,273'		Transfe	rred Ir	n(+)/C	out(-)		
Retort Solids	Content			12%	12.5%	12%								Oil	Adde	d (+)	1	118.9
Corrected Sol	ids (vol%))		10.3%	10.8%	10.2%							1	Barite	Adde	d (+)		
Retort Oil Con	ntent			67.5%	67%	67.5%	Open	Hole Siz	e 6.	885	12,968'		Other Pr	oduct	Usag	e (+)		7.5
Retort Water	Content			20.5%	20.5%	20.5%	AN	NULAR (SEOME	TRY &	RHEOLO	GY] \	Nater	Adde	d (+)		12.0
O/W Ratio				77:23	77:23	77:23	annula	ar ,	depth	veloc	ity flow	ECD	Le	ft on C	utting	gs (-)		-46.0
Whole Mud C	hlorides (mg/L)		42,000	43,000	45,000	section	n G	aepin	ft/mi	in reg	lb/gal		Disc	harge	ed (-)		-19.9
Water Phase	Salinity (p	ppm)		243,150	247,507	256,071		•		•				Part	ial Lo	sses	-1	121.0
Whole Mud Al	lkalinity, F	Pom		1.0	1.2	1.5	6.875x4	1.5 1	0,273'	348.	9 turb	10.87	Est. T	otal or	n Loc	ation _	22	299.4
Excess Lime ((lb/bbl)			1.3 ppb	1.6 ppb	2 ppb	6.885x4	1.5 1	2,729'	347.	2 turb	11.15	Est. Los	ses/Ga	ains (-)/(+)		0.0
Electrical Stat	oility (volts	s)		511 v	500 v	490 v	6.885x4	1.5 1	2,824'	347.	2 turb	11.26	BIT	HYDR	AULI	CS DA	AΤΑ	
Average Spec	verage Specific Gravity of Solids				3.26	3.26	6.885x5.	167 1	2,968'	455.	3 turb	11.38	Bit H.S.I.	Bit .	ΔΡ	Nozzl	es (32	2nds)
Percent Low Gravity Solids				4.2%	5.2%	4.9%							0.61	97	psi	16	16	16
opb Low Gravity Solids				35 ppb	43 ppb	41 ppb							Bit Impact	Noz Velo		16	16	16
Percent Barite				6.1%	5.6%	5.3%							Force	(ft/s	•			
ppb Barite				88 ppb	81 ppb	76 ppb	BIT [DATA	Ма	nuf./Ty	oe Sec	urity GDT	207 lbs	10	5			
Estimated Total LCM in System							Size	Depth I	n Ho	ours	Footage	ROP ft/h	Motor/M	WD	Calc	Circ.	Pres	sure
Sample Taken By				R. Bowlin	R. Bowlin	M. Meehan	6 3/4	11,970	ft 10	0.0	998 ft	99.8	1,300 բ	osi		3,143	psi	
Afternoon Rem	arks/Reco	mmend	lations:	_		_	Afternoon R	Ria Activity	:	•	_	_		_		_		_

Pumping 10 bbl sweep every 300 ft. Sweep Contains:

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

Drilling ahead and sliding as needed to maintain the angle in the lateral section. Pumping a 10 bbl LCM sweep every 300 ft. Reduced the mud wt. to 9.8 ppg with the centrifuge and diesel additions. Added Bentone 910 and Bentone 990 to increase the Yield Point and 6/3 RPM readings. Added Calcium Chloride to maintain the CaCL2. Added Lime to increase the alkalinity.

110 Old Market St.

St Martinville, LA 70582

93.4° 10,371' TVD

MAGNOLIA OIL & GAS Well Name and No.	Contractor PA Rig Name a	ATTERS	ON	County / Parish WASH State	/ Block	1	Engineer Sta 04/2 Spud Date	rt Date 22/20	24 hr	790 ft		Drilled Depth 15,0 Activity	95 1	ft
LEVI GOODRICH UNIT 2 - 2H	rtig rtame a	248			EXAS		•	26/20	Guire	187 ft/h		•	lling	3
Report for Kevin Burt/ Jim Harrison	Report for	ool Pusi		Field / OSC-G #	DINGS		Fluid Type	вм	Circu	lating Rate		Circulating Pr		
MUD PROPERTY SPEC	1		iei		LUME (BB	1)		MP #1		327 gpm		3,26		
Weight PV YP E.S.	CaCl2	GELS	HTHP	In Pits	643	•	Liner Size		5 Line			Liner Size		, ILK
9.5-10 8-20 8-12 >300	±250K	<10 <25	<6	In Hole	609		Stroke	12			12	Stroke		
MUD PROPERTIES		*** ***	- 10	Active	1252		bbl/stk	0.07			763	bbl/stk		
Time Sample Taken	2:15	19:18	12:00	Storage			stk/min	51			51	stk/min		
Sample Location	Suction	Shaker	suction	Tot. on Loca		_	gal/min	163	ga B	ıl/min 1	63	gal/min		
Flowline Temperature °F	132 °F	138 °F	140 °F	Mud Wt. =	9.5 PV=	:13	YP=10	CIR	CULATION	ON DATA		n = 0.646	K =	208.3
Depth (ft)	14,286'	16,557'	15,095'	Bit De	epth = 15,0	95 '		Washo	ut = 2%		Pump I	Efficiency	= 95	%
Mud Weight (ppg)	9.5	9.7	9.3	Drill String	Volume t	o Bit	212.9 bb	Stro	kes To Bi	t 2,790	Т	ime To Bi	: 27	7 min
Funnel Vis (sec/qt) @ 118 °	F 45	40	44	Dien	Bottoms Up	Vol.	395.9 bb	Botton	nsUp Stk	s 5,188	Botton	nsUp Time	51	1 min
600 rpm	36	32	34	85.0 bbl	TotalCirc	.Vol.	1251.8 bb	l Tota	alCirc.Stk	s 16,404	Total	Circ. Time	16	1 min
300 rpm	23	21	22		DRILLING	ASS	SEMBLY I	DATA		s	OLIDS	CONTR)L	
200 rpm	18	15	17	Tubulars	OD (in.)	ID (in.) Le	ngth	Тор	Unit		Screens	Н	lours
100 rpm	13	10	13	Drill Pipe	4.500	3.8	26 14	,856'		Shake	r 1	170	1	12.0
6 rpm	6	5	6	Hevi Wt	4.500	2.5	500	95'	14,856'	Shake	r 2	170	1	12.0
3 rpm	5	4	5	Collars	5.167	2.7	'50 1	44'	14,951'	Shake	r 3	170	1	12.0
Plastic Viscosity (cp) @ 150 °	F 13	11	12						15,095'	Centrifu	ge 1			2.0
Yield Point (lb/100 ft²) T0 =	4 10	10	10		CASING	3 & F	HOLE DA	ГА						
Gel Strength (lb/100 ft²) 10 sec / 10 mi	n 7/9	5/8	7/9	Casing	OD (in.)	ID (in.) D	epth	Тор					
Gel Strength (lb/100 ft2) 30 mi	n 13	11	12	Riser						VOLUN	ME AC	COUNTIN	G (b	bls)
HTHP Filtrate (cm/30 min) @ 300 °	F 6.0	5.6	5.8	Surface	10 1/2		2,	991'		Prev. 1	otal or	Location	2	2140.7
HTHP Cake Thickness (32nds)	2.0	2.0	2.0	Int. Csg.	7 5/8	6.8	375 10	,273'		Transfe	erred In	(+)/Out(-)		420.0
Retort Solids Content	11%	12%	11%								Oil	Added (+)		13.8
Corrected Solids (vol%)	9.2%	10.3%	9.3%								Barite /	Added (+)		
Retort Oil Content	68%	67.5%	68%	Open	Hole Size	6.8	85 15	,095'		Other Pr	roduct (Usage (+)		4.4
Retort Water Content	21%	20.5%	21%	ANN	IULAR GE	OME.	TRY & RI	IEOLOG	ЭΥ		Water A	Added (+)		50.0
O/W Ratio	76:24	77:23	76:24	annular	. dep	th	velocity	flow	ECD	Le	ft on C	uttings (-)		-36.4
Whole Mud Chlorides (mg/L)	45,000	44,000	45,000	section	ч		ft/min	reg	lb/gal		Disc	harged (-)		-14.7
Water Phase Salinity (ppm)	251,507	251,813	251,507								Parti	al Losses		-343.0
Whole Mud Alkalinity, Pom	1.3	1.0	1.5	6.875x4.	5 10,2	73'	296.6	turb	10.32	Est. 7	otal or	Location		2234.8
Excess Lime (lb/bbl)	1.7 ppb	1.3 ppb	2 ppb	6.885x4.	5 14,8	56'	295.1	turb	10.77	Est. Los	ses/Ga	ins (-)/(+)		0.0
Electrical Stability (volts)	472 v	466 v	475 v	6.885x4.	5 14,9	51'	295.1	turb	10.96	BIT	HYDR	AULICS I	DATA	١
Average Specific Gravity of Solids	3.13	3.14	2.86	6.885x5.1	67 15,0	95'	387.0	turb	11.17	Bit H.S.I.	Bit /	∆P Noz	zles (32nds)
Percent Low Gravity Solids	5.1%	5.6%	6.6%							0.36	67	osi 16	16	16
ppb Low Gravity Solids	42 ppb	46 ppb	54 ppb							Bit Impact	Noz: Velo		16	16
Percent Barite	4.1%	4.7%	2.7%							Force	(ft/se	-		\perp
ppb Barite	59 ppb	67 ppb	39 ppb	BIT D	ATA	Mar	nuf./Type		rity GDT		89)		\perp
Estimated Total LCM in System				Size	Depth In	Ho			ROP ft/h			Calc. Cire	. Pre	ssure
Sample Taken By	R. Bowlin	R. Bowlin	M. Meehan	6 3/4	11,970 ft	32	2.0 3,1	25 ft	97.7	1,400	psi	2,93	6 ps	i

Pumping 10 bbl sweep every 300 ft. Sweep Contains:

10 ppb NewCarb, 10 ppb Newphalt and 10 ppb Magnafiber fine.

Afternoon Rig Activity:

Drilling ahead and sliding as needed to maintain the angle in the lateral section. Pumping a 10 bbl LCM sweep every stand to reduce losses to the formation. Reduced the mud wt. to 9.3 ppg with the centrifuge and diesel additions. Added Bentone 938 and Bentone 990 to increase the Yield Point and 6/3 RPM readings. Added Calcium Chloride to maintain the CaCL2. Added Lime to increase the alledinity. Added Opti G to maintain the HTHP fluid loss. increase the alkalinity. Added Opti-G to maintain the HTHP fluid loss.

OUTSOURCE FLUID SOLUTIONS LLC.

93.2°

10,335' TVD

Operator MAG	NOLIA (OIL & G	SAS	Contractor PA	TTERS	SON	County / Parish /	Block HINGTO	N	Engineer S	Start Date 4/22/2(24 h	_	00 ft		Drilled [05 ft	
Well Name and No		LI IINIT	່າ _ າ⊔	Rig Name an	d No.		State	EXAS		Spud Date	4/26/20		ent ROP	t/hr		Activity	lina	Ahe	224
Report for	ODKIC	H UNII	Ζ-ΖΠ	Report for	240		Field / OCS-G #	EXAS		Fluid Type			ulating Ra			Circulat			au
Kevin	Burt/ Ji	m Harr	ison	То	ol Pus	her	GID	DINGS			WBM		240	gpm	1	3	,447	psi	i
	MUD	PROPER	TY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	F	PUMP #1		PUN	IP #2		RISI	ER B	oost	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	73	3 bbl	Liner S	Size 5	5.25 Lin	er Size	5.2	25	Liner	Size		
8.4-9.4	0-10	0-10	<5 <15	8-9	<30	2-10	In Hole	64	2 bbl	Strok	е	12 S	troke	1	2	Stro	ke		
				5/18/20			Active	71	5 bbl	bbl/s	tk 0.	0763 b	bl/stk	0.0	763	bbl/	stk	0.00	000
Time Sample	Taken			2:00			Storage)		stk/m	iin	75 s	tk/min	()	stk/r	min		
Sample Locat	ion			pit			Tot. on Lo	cation 71	5 bbl	gal/m	in 2	240 g	al/min	()	gal/ı	min	0)
Flowline Temp	oerature °F	=						PHHP = 48	33		CIRCU	LATION D	ATA			n = 0	.585	K = 26	6.563
Depth (ft)				15,894'			Bit [Depth = 15	,905 '		Was	hout = 2%		F	Pump	Efficie	ency =	= 95%	,
Mud Weight (opg)			8.4			Drill String	Volume	e to Bit	224.4	bbl S	Strokes To E	Bit 2,9	941		Time 1	o Bit	39 r	min
Funnel Vis (se	ec/qt)		@ 0 °F	27			Disp.	Bottoms U	Jp Vol.	417.3	bbl Bot	tomsUp Stk	s 5,4	468	Botto	msUp	Time	73 r	min
600 rpm				3			89.4 bbl	TotalC	irc.Vol.	714.7	bbl T	otalCirc.Stk	s 9,3	365	Tota	l Circ.	Time	125	min
300 rpm				2				DRILLIN	G ASS	EMBLY	/ DATA			S	OLID	S CON	NTRO	L	
200 rpm				1			Tubulars	OD (in.)	ID	(in.)	Length	Тор		Unit		Scre	ens	Hou	urs
100 rpm	•						Drill Pipe	4.500	3.	826	15,666'	0'	S	haker	1	17	0	24	.0
6 rpm	; rpm						Hevi Wt	4.500	2.	500	95'	15,666	S	haker	2	17	0	24	.0
3 rpm	rpm						Collars	5.167	2.	750	144'	15,761	S	haker	3	17	0	24	.0
Plastic Viscos	ity (cp)		@ 120 °F	1								15,905	Се	ntrifug	je 1			8.0	.0
Yield Point (lb	/100 ft²)		T0 = 1	1				CASII	NG & H	HOLE D	ATA								
Gel Strength (lb/100 ft²)	10	sec/10 min	1/1			Casing	OD (in.)	ID	(in.)	Depth	Тор							
Gel Strength (lb/100 ft ²)		30 min	1			Riser	0			0'		V	OLUM	IE AC	COU	NTING	(bbl	s)
API Filtrate / 0	Cake Thick	ness					Surface	10 1/2			2,991'	0'	Р	rev. T	otal o	n Loc	ation	21	140.7
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	10,273'	0'	T	ransfe	erred li	n(+)/C	out(-)	-16	31.7
Retort Solids	Content			0.4%											Oil	Adde	d (+)	1	183.1
Retort Oil Cor	itent													E	Barite	Adde	d (+)		29.2
Retort Water	Content			99.6%			Oper	Hole Size	6.	885	15,905'		Otl	her Pr	oduct	Usag	e (+)		10.7
Sand Content				0%			AN	NULAR GI	EOME.	TRY & F	RHEOLO	GY		٧	Nater	Adde	d (+)	3	384.0
M.B.T. (Methy	lene Blue	Capacity)	(ppb)				annula	r m	eas.	veloc	ity flov			Le	ft on C	Cutting	gs (-)	-	-73.7
рН				8.0			section	ı de	epth	ft/mi	n reg	lb/gal			Disc	charge	ed (-)		-1.3
Alkalinity, Mud	l Pm														Lost I	Returr	ns (-)	-3	326.4
Alkalinities, Fi	Itrate Pf/M	f					6.875x4	.5 10	,273'	218.	1 turk	8.58		Est. T	otal o	n Loc	ation	7	714.7
Chlorides (mg	/L)			375			6.885x4	.5 15	,666'	217.	0 turk	8.67	Es	t. Loss	ses/G	ains (-	·)/(+)		0.0
Calcium (ppm)			40			6.885x4	.5 15	,761'	217.	0 turk	8.67		BIT	HYDR	RAULI	CS D	ATA	
Excess Lime (lb/bbl)						6.885x5.1	67 15	,905'	284.	5 turk	8.68	Bit H	H.S.I.	Bit	ΔΡ	Nozz	es (32	2nds)
Average Spec	ific Gravity	y of Solids	3	2.60	2.60	2.60							0.	.13	32	psi	16	16	16
Percent Low 0	Gravity Sol	lids		0.4%										npact	Noz Velc		16	16	16
Percent Drill S	Solids			0.4%					1				Fo	rce	(ft/s	-			
PPA Spurt / T	otal (ml) @	9	@ 0 °F				BIT D	ATA	Ма	nuf./Typ	oe Se	curity GDT	68	lbs	6	5			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	ours	Footage	ROP ft/h		otor/M\		Calc.	Circ.	Press	sure
Sample Taken By				R. Bowlin			6 3/4	11,970 ft	5	3.0	3,935 ft	74.2	2,	,975 p	osi		3,440) psi	
Remarks/Reco	mmendation	ons:					Rig Activity:												

OBM RECEIVED: (4102) bbls----9.5ppg-9.9ppg

OBM On Hand (975) bbls

OBM Lost to formation (1,916) bbls and (642) Left in hole under mud cap

Sweeps 5-bbls of 10-ppg discounted OBM every stand

PHPA added to Drill H2O

Drilled in the lateral section with moderate/severe losses T 15,895'MD. MW adjustments were necessary to control both losses pressures from 9.5ppg to 9.0ppg. Observed an influxwith a 9.0ppg MW, circulated out the same. Again increased active MW to 9.2ppg to control formation pressures while losing downhole. Max gas of 3,659 units observed during this time. Currently under a 10.0pg/ 15.0ppg mud cap and drilling with fresh H2O. Discounted OBM will be used for sweeps, pumping 5-bbls every stand to aid in transporting the cuttings to the loss zone along with provide lubricity. Additions of PHPA being added to the drill H2O for encapsulation.

E	Eng. 1	N	√att N	1eeha	n	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAI	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	Phone	9	85-35	1-756	31	Ph	none:	228-9	990-1055	Phone:	432-685-	4023	Phone:	-			
W 1	' Р 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	used if the	user so e		no representation	has been prepared on is made as to the	\$151,376.08	\$272,277.92
													INCLUDII	NG 3RD PAR	TY CHARGES	\$162,718.84	\$329,866.80

MATERIAL CONSUMPTION

Date 05/18/20	Operator MAG I	NOLIA OIL	& GAS	Well Name a LEVI GOO	ING NO. ODRICH UN	NIT 2 - 2H	Rig Name and 24		Report No. Repo	rt #17
	DAILY	USAGE 8	COST						CUMUI	ATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
			Inventory	Received	Inventory	Usage	Daily Cost	_	Usage	Cuili Cosi
ALUMINUM TRISTEARATE SAPP (50)	25# sk 50# sk	\$162.83 \$44.50						_	31	\$1,379.50
PHPA LIQUID (pail)	5 gal	\$41.36						-	2	\$82.72
DYNA DET	pail	\$32.23						H	4	\$128.92
DINA DEI	paii	φ32.23							4	φ120.92
CACL2 (50)	50# sk	\$16.60		265	257	8	\$132.80		316	\$5,245.60
LIME (50)	50# sk	\$5.00	40	250	257	33		F	293	
BENTONE 910 (50)	50# sk	\$59.94	11	250	9	2		-	293	\$1,258.74
BENTONE 990 (50)	50# sk	\$83.59	17		13	4		H	27	\$2,256.93
	+			00			-			
OPTI G	50# sk	\$30.59	80	80	140	20	\$611.80	F	100	\$3,059.00
OPTI MUL HP	gal	\$10.75	275	275	550			F		\$4,031.25
OPTI WET	gal	\$8.34	515		515			_	300	
NEW PHALT	50# sk	\$38.72	100		90	10	\$387.20		70	\$2,710.40
NEWCARB 200	50# sk	\$5.25	120		100	20	\$105.00		70	\$367.50
MAGMAFIBER F (25)	25# sk	\$28.05	36	96	132				62	\$1,739.10
OIL SORB (25)	25# sk	\$4.75	40		40					
PHPA LIQUID (pail)	5 gal	\$41.36	32		30	2	\$82.72	Ī	2	\$82.72
GEL (100)	100# sk		70		70					
BENTONE 38 (50)	50# sk	\$163.94	34		31	3	\$491.82		9	\$1,475.46
CYBERSEAL	25# sk	\$21.47		248	248					
								-		
								_		
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	1180		760	420	\$2,940.00	_	1845	\$12,915.00
								-		
								_		
								-		
								_		
								-		
								-		
								-		
OPTI DRILL (OBM)	bbl	\$65.00	1850	1078	746	2182	\$141,830.00	-	2974	\$193,310.00
Magnolia Owned OBM	bbl								130	
Discounted High LGS OBM	bbl	\$15.00	291		229	62	\$930.00		62	\$930.00
								-		
								_		
								F		
								-		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	-	30	\$27,750.00
ENGINEERING (DIEM)	bbl	\$30.00				2		-	30	\$900.00
ENGINEERING (MILES)	each	\$1.00					ΨΟΟ.ΟΟ	-	30	Ψ000.00
								-		
TRUCKING (cwt)	each	\$2.50				419	\$1,047.50		3038	\$7,596.08
TRUCKING (min)	each	\$795.00								
PALLETS (ea)	each	\$12.00				12			47	\$564.00
SHRINK WRAP (ea)	each	\$12.00				12	\$144.00		44	\$528.00
		Daily Su	b-Total \$15	51,376.08	Cumulativ	e Total \$2	72,277.92		\$272,2	277.92

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
05/18/20	MAG	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #17
	DAILY	USAGE 8	& COST						CUMUI	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03		7634		7634	\$7,863.02		7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03		7402	7344	58	\$59.74		58	\$59.74
TurboChem First Response	each	\$41.75		500	420	80	\$3,340.00	-	80	\$3,340.00
TurboChem Pallets	each	\$20.00		10				-	2	
TurboChem Shrink Wrap	each	\$20.00		10					2	
								_		
								_		
								_		
								_		
								<u> </u>		
								_		
					Daily Su	ıb-Total \$1	1,342.76		\$57,5	88.88
	Cumi	ulative Total	I AES & 3rd	Party \$329	,866.80					
			-							

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	8 3/4											
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,095										
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,095											
12,095	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	790	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	182	491	17	-	-	4	70	-	103	59	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141
71	Chemical Additions	11	17	_,	_,====	6	4	8	1	25	_,	_,	_,	_,	_,	_,	_,	_,	_,	_,	_,	_,
	Base Fluid Added	129	304	34	47	5	26	185	118	308												
,	Barite Increase	120	28	10			7	26	26	2												
	Weighted Mud Added				421	291				208												
-	Slurry Added																					
179	Water Added	16	56							107												
135	Added for Washout	48	48	39																		
2.561	Total Additions	204	453	83	468	302	37	219	145	650	-	-	-	-	-	-	-	-	-	-	-	-
	Surface Losses	7		74	10		16	40	30	30												
	Formation Loss		20	18	10		10	105	500	705												
	Mud Loss to Cuttings	132	383	19			4	76	500	108												
	Unrecoverable Volume	102	000	42	42		·	10	20	100												
	Centrifuge Losses	12	18	5						15												
2,433	Total Losses	151	425	158	52	-	20	221	550	857	-	-	-	-	-	-	-	-	-	-	-	-
382	Mud Transferred Out			382																		
2,141	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141
,		2,448	,	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141
,	Ending System Volume Mud Recovered	2,448	2,477	,	,	,	2,755	2,753	2,348	2,141	•	,		2,141	2,141	2,141	2,141	,	•	•	2,141	2,141
,		2,448	130	С	comment	s:	,			,	С	omment	s:			2,141	2,141	,	2,141 omments	•	2,141	2,141
, , , , , , , , , , , , , , , , , , ,			130	C 101bbls ski	Comment id vol. Cas	s: ing had 29	3bbls F sur	face		Mud Lost t	C o partial los	omment	s: o seepage a	and trip sur	ge 500-	,	2,141	,	•	•	2,141	2,141
, , , , , , , , , , , , , , , , , , ,		2,448 5/9/20	130 Trans in 2° displacement	C 101bbls ski	comment	s: ing had 29	3bbls F sur	face	5/16/20	Mud Lost t	C o partial los	omment	s:	and trip sur	ge 500-	2,141	2,141	,	•	•	2,141	2,141
,			Trans in 2 ^o displacement 12bbls	C 101bbls ski ent. Mud le	comment id vol. Cas ost to Cuttir	s: ing had 29 ngs 132.1b	3bbls F sur bls, Evap 6	face .6, Cent	5/16/20	Mud Lost t	C o partial los	omment	s: o seepage a	and trip sur	ge 500-	,	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2 displacement 12bbls Mud lost to	Contings 3	Comment id vol. Cas ost to Cuttin 383.4-bbls,	s: ing had 29 ngs 132.1b Evap 23.2	3bbls F sur bls, Evap 6	face .6, Cent	5/16/20	Mud Lost t bbls, Evap bbls	Copartial los 20-bbls, P	omment: sses due to it Settleme	s: o seepage a nt 10-bbls a	and trip sur	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
			Trans in 2 displacement 12bbls Mud lost to bbls. Mud	Couttings 3	comment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak	s: ing had 29 ngs 132.1b Evap 23.2	3bbls F sur bls, Evap 6	face .6, Cent	5/16/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: o seepage a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	,	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2 displacement 12bbls Mud lost to	Couttings 3	comment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak	s: ing had 29 ngs 132.1b Evap 23.2	3bbls F sur bls, Evap 6	face .6, Cent	5/16/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2' displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3	101bbls ski ent. Mud le o Cuttings 3 recovered s 129.7-bbl	Comment id vol. Cas ost to Cuttin 383.4-bbls, from, shak s	s: ing had 29 ngs 132.1b Evap 23.2 er tank run	3bbls F sur bls, Evap 6 -bbls and C off due to s	face .6, Cent ent. 18- weeps	5/16/20 5/17/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2' displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl	Continued to Cuttings 3 recovered a 129.7-bbl 382-bbls to s, Evap 12	Comment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s	s: ing had 29 ngs 132.1b Evap 23.2 er tank run	3bbls F sur bls, Evap 6 -bbls and C off due to s	face .6, Cent ent. 18- weeps	5/16/20 5/17/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2' displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3	Continued to Cuttings 3 recovered a 129.7-bbl 382-bbls to s, Evap 12	Comment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s	s: ing had 29 ngs 132.1b Evap 23.2 er tank run	3bbls F sur bls, Evap 6 -bbls and C off due to s	face .6, Cent ent. 18- weeps	5/16/20 5/17/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2' displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	C 101bbls ski ent. Mud k o Cuttings 3 recovered s 129.7-bbl 382-bbls to s, Evap 12 rucking 26	Comment id vol. Cas ost to Cuttin 383.4-bbls, from, shak s Newpark. .5, TOOH/1- -bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20	2,141	,	•	•	2,141	2,141
130		5/9/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	C 101bbls ski ent. Mud ki o Cuttings c recovered 5 129.7-bbl 382-bbls to 582-bbls to 582-bbls to 700 full full full pull full full full full full full full f	Comment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	C 101bbls ski ent. Mud ki o Cuttings c recovered 5 129.7-bbl 382-bbls to 582-bbls to 582-bbls to 700 full full full pull full full full full full full full f	id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s Newpark. 2.5, TOOH/1-bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of	C 101bbls ski ent. Mud la 0 Cuttings 3 recovered 5 129.7-bbl 382-bbls to 58, Evap 12 rucking 26 bbls 16.0 (Footnaminat	Gomment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s Newpark. 1.5, TOOH/T-bbls CILL) lost 11 ion 42-bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	C 101bbls ski ent. Mud la 0 Cuttings 3 recovered 5 129.7-bbl 382-bbls to 58, Evap 12 rucking 26 bbls 16.0 (Footnaminat	Gomment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s Newpark. 1.5, TOOH/T-bbls CILL) lost 11 ion 42-bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of	C 101bbls ski ent. Mud la 0 Cuttings 3 recovered 5 129.7-bbl 382-bbls to 58, Evap 12 rucking 26 bbls 16.0 (Footnaminat	Gomment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s Newpark. 1.5, TOOH/T-bbls CILL) lost 11 ion 42-bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R	face .6, Cent lent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2' displaceming 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of the	C 101bbls ski ent. Mud k o Cuttings 3 recovered s 129.7-bbl 382-bbls to s, Evap 12 rucking 26 bbls 16.0 (k contaminat	Comment id vol. Cas ost to Cuttir 383.4-bbls, from, shak s Newpark5, TOOH/7 -bbls KILL) lost 11 ion 42-bbls Settlement	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R rucking In	face .6, Cent .ent. 18weeps .bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20	Trans in 2' displaceming 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of the	C 101bbls ski ent. Mud k o Cuttings 3 recovered s 129.7-bbl 382-bbls to s, Evap 12 rucking 26 bbls 16.0 (k contaminat	Gomment id vol. Cas ost to Cuttin 383.4-bbls, I from, shak s Newpark. 1.5, TOOH/T-bbls CILL) lost 11 ion 42-bbls	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R rucking In	face .6, Cent .ent. 18weeps .bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-t to spacer of the s	C 101bbls ski ent. Mud k o Cuttings 3 recovered s 129.7-bbl 382-bbls to s, Evap 12 rucking 26 bbls 16.0 (k contaminat	Comment id vol. Cas ost to Cuttir 383.4-bbls, from, shak s Newpark5, TOOH/7 -bbls KILL) lost 11 ion 42-bbls Settlement	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R rucking In	face .6, Cent .ent. 18weeps .bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20 5/12/20 5/13/20	Trans in 2' displaceming 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of the	C 101bbls ski ent. Mud ki be Cuttings 3 recovered a 129.7-bbl sto s, Evap 12 rucking 26 bbls 16.0 (k) contaminat	Comment id vol. Cas ost to Cuttir 383.4-bbls, from, shak s Newpark5, TOOH/7 -bbls KILL) lost 11 ion 42-bbls Settlement 3.5-bbls, Ev	s: ing had 29 ngs 132.1b Evap 23.2 er tank run Mud Lost (TiH 35-bbls 0-bbls to T	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R rucking In	face .6, Cent .ent. 18ent. 18ent. 18weeps .bbls, .un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	2,141	,	•	•	2,141	2,141
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacement 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-to spacer of the spa	C 101bbls skient. Mud le 20 Cuttings 3 recovered 5 129.7-bbl 882-bbls to 8, Evap 12 rucking 26 bbls 16.0 (F) 20 contaminate 20 Cutting 3 0 Cutting 3	Comment id vol. Cas ost to Cuttir 383.4-bbls, from, shak s Newpark5, TOOH/7 -bbls KILL) lost 11 ion 42-bbls Settlement	s: ing had 29 ggs 132.1b Evap 23.2 er tank run Mud Lost of TIH 35-bbis 0-bbis to T ap 6-bbis a	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 s, Shaker R rucking In	face .6, Cent .ent. 18ent. 18ent. 18weeps .bbls, .un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost t bbls, Evap bbls Mud Lost t	o partial los 20-bbls, P	omment: sses due to it Settleme	s: Diseepage ant 10-bbls a	and trip sur and Trippin to Cuttings	ge 500- g out 20-	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	2,141	,	•	•	2,141	2,141

TEL: (337) 394-1078

10,259' TVD

110 Old Market St.
St Martinville, LA 70582

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96.0°

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 757 ft 16,662 ft **LEVI GOODRICH UNIT 2 - 2H** 04/26/20 248 **TEXAS** 18 ft/hr **Drilling** ield / OSC-G # Fluid Type **Kevin Burt/Jim Harrison Tool Pusher GIDDINGS WBM** 327 gpm 3,233 psi **MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 **PUMP #2** RISER BOOSTER P\/ **GELS** API fl In Pits Weight ΥP рΗ % Solids 73 bbl Liner Size 5.25 Liner Size 5.25 Liner Size 8.4-9.4 0-10 0-10 <5 <15 8-9 <30 2-10 In Hole 672 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 745 bbl 0.0763 0.0763 bbl/stk bbl/stk bbl/stk Active 12:00 Time Sample Taken 2:00 102 Storage stk/min stk/min stk/min Sample Location pit pit Tot on Location 745 bbl gal/min 327 gal/min gal/min Flowline Temperature °F Mud Wt = 8.4PV=1 YP=1 **CIRCULATION DATA** n = 0.585 K = 26.6 Depth (ft) 15.894 16.662 Bit Depth = 16.662 Pump Efficiency = 95% Washout = 2% Mud Weight (ppg) 8.4 8.4 Volume to Bit 235.2 bbl Strokes To Bit 3,082 Time To Bit 30 min Drill String 27 27 Bottoms Up Vol. 437.2 bbl Funnel Vis (sec/qt) BottomsUp Stks 5,730 56 min BottomsUp Time 3 3 600 rpm 93.5 bbl TotalCirc.Vol. 745.4 bbl TotalCirc.Stks 9,768 96 min Total Circ. Time 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 300 rpm 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 100 rpm 1 1 Drill Pipe 4.500 3.826 16.423 Shaker 1 170 12.0 170 1 1 Hevi Wt 4.500 2.500 95' 16,423' Shaker 2 12.0 6 rpm 1 2.750 16,518 12.0 3 rpm 1 Collars 5.167 144' Shaker 3 170 @ 120 °F 1 1 16,662 Centrifuge 1 Plastic Viscosity (cp) 1 1 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 1/1 1/1 OD (in.) Gel Strength (lb/100 ft2) 10 sec / 10 min Casing ID (in.) Depth Top **VOLUME ACCOUNTING (bbls)** 30 min 1 Gel Strength (lb/100 ft2) 1 Riser API Filtrate / Cake Thickness Surface 10 1/2 2.991' 7147 Prev. Total on Location 7 5/8 6.875 10,273 HTHP Filtrate / Cake Thickness Int. Csq. Transferred In(+)/Out(-) Retort Solids Content 0.4% 0.4% Oil Added (+) Retort Oil Content Barite Added (+) 99.6% Retort Water Content 99.6% 6.885 16,662 Open Hole Size Other Product Usage (+) 0% 0% **ANNULAR GEOMETRY & RHEOLOGY** 4500.0 Sand Content Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) -34.9 ECD annular velocity depth section ft/min reg lb/gal 8.0 8.0 Discharged (-) Lost Returns (-) -4434.4 Alkalinity, Mud Pm 6.875x4.5 10,273' 296.6 745.4 Alkalinities, Filtrate Pf/Mf 8.73 Est. Total on Location turb Chlorides (ma/L) 375 400 6.885x4.5 16.423 295.1 8.94 Est. Losses/Gains (-)/(+) 0.0 turb **BIT HYDRAULICS DATA** 40 40 6.885x4.5 16,518 295.1 Calcium (ppm) turb 8.97 6.885x5.167 387.0 9.01 Bit H.S.I. Nozzles (32nds) Excess Lime (lb/bbl) 16.662 turb Bit ΛP Average Specific Gravity of Solids 2.60 2.60 2.60 0.32 60 psi 16 16 16 Percent Low Gravity Solids 0.4% 0.4% Nozzle 16 16 16 Bit Impac Velocitv Force Percent Drill Solids 0.4% 0.4% (ft/sec) **BIT DATA** Security GDT PPA Spurt / Total (ml) @ Manuf./Type Estimated Total LCM in System Size ROP ft/hi Motor/MWD Calc. Circ. Pressure Depth In Hours Footage M.Meehan 11,970 ft 4,692 ft 2,400 psi Sample Taken By R. Bowlin 6 3/4 63.0 74.5 3,233 psi Afternoon Remarks/Recommendations: Afternoon Rig Activity Sweeps: 5 bbl of discounted mud every stand Currently under a 15.0ppg mud cap and drilling with fresh H2O. Discounted PHPA added to drill water OBM will be used for sweeps, pumping 5-bbls every stand to aid in transporting the cuttings to the loss zone along with provide lubricity. Additions of PHPA being added to the drill H2O for encapsulation.

OUTSOURCE FLUID SOLUTIONS LLC.

93.2° 10,284' TVD

Well Name and No LEVI GC Report for	OODRIC Burt/ Ji	H UNIT	-	Rig Name an			State	IINGTO	/I N	Spud Date	4/22/2	_		035 ft		16,9	4 0 i	
Report for Kevin Weight	Burt/ Ji MUD	m Harr	2 - 2H				i						Current RO	"	^	Livity		
Kevin Weight	MUD PV			5	248			EXAS			4/26/2		_	ft/hr		Shor		ip
Weight	MUD PV		ison	Report for	ol Pus	her	Field / OCS-G #	DINGS		Fluid Type	WBM		Circulating 32	Rate 7 gpm		irculating Pro		si
			RTY SPECIF				MUD VO	P		JMP #2		RISER B	•					
8.4-9.4	0-10	YP	GELS	рН	API fl	% Solids	In Pits		8 bbl	Liner S	ize	5.25	Liner Siz	ze 5.	25 I	iner Size		
		0-10	<5 <15	8-9	<30	2-10	In Hole	68	35 bbl	Stroke	e	12	Stroke	1	2	Stroke		
				5/19/20		5/18/20	Active	72	20 bbl	bbl/st	k C	.0763	bbl/stk	0.0	763	bbl/stk	0.0	0000
Time Sample	Taken			2:00		12:00	Storage	<u>10</u>	96 bbl	stk/m	in	0	stk/min	n 10	02	stk/min		
Sample Locat	ion			pit		pit	Tot. on Loc	cation 18	29 bbl	gal/m	in	0	gal/mir	n 32	27	gal/min		0
Flowline Tem	perature °F	•						PHHP = 5	92	l	CIRC	ULATIO	N DATA		r	n = 0.585	K = 2	26.563
Depth (ft)				16,940'		16,662'	Bit C	Depth = 16	6,643 '		Wa	shout =	2%		Pump E	fficiency	= 95%	%
Mud Weight (ppg)			8.4		8.4	Drill String	Volum	ne to Bit	234.9	bbl	Strokes T	o Bit	3,078	Т	me To Bit	30	min
Funnel Vis (se	ec/qt)		@ 73 °F	27		27	Disp.	Bottoms	Up Vol.	436.7	bbl Bo	ottomsUp	Stks	5,723	Bottom	sUp Time	56	min
600 rpm				3		3	93.4 bbl	TotalC	Circ.Vol.	719.6	bbl	TotalCirc	.Stks	9,430	Total (Circ. Time	92	? min
300 rpm				2		2		DRILLIN	NG ASS	SEMBLY	DATA			s	OLIDS	CONTRO	L	
200 rpm				1		1	Tubulars	OD (in.)) ID	(in.)	Length	ı To	р	Unit		Screens	Н	ours
100 rpm				1		1	Drill Pipe	4.500	3.	826	16,404	' 0	'	Shaker	1	170		
6 rpm				1		1	Hevi Wt	4.500	2.	500	95'	16,4	04'	Shaker	2	170		
3 rpm				1		1	Collars	5.167	2.	750	144'	16,4	199'	Shaker	3	170		
Plastic Viscos	sity (cp)		@ 120 °F	1		1						16,6	643' (Centrifug	ge 1			
Yield Point (lb	/100 ft²)		T0 = 1	1		1		CASI	ING & I	HOLE D	ATA							
Gel Strength	(lb/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)) ID	(in.)	Depth	To	р					
Gel Strength	(lb/100 ft ²)		30 min	1		1	Riser	0			0'			VOLUN	IE ACC	OUNTIN	G (bb	ols)
API Filtrate / (Cake Thick	iness					Surface	10 1/2			2,991'	0	'	Prev. T	otal on	Location		714.7
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	10,273	' 0	'	Transfe	erred In	(+)/Out(-)		744.0
Retort Solids	Content			0.4%		0.4%									Oil A	dded (+)		46.3
Retort Oil Cor	ntent													I	Barite A	dded (+)		0.0
Retort Water	Content			99.6%		99.6%	Open	Hole Siz	e 6.	885	16,940	'	(Other Pr	oduct L	Jsage (+)		0.4
Sand Content				0%		0%	ANI	NULAR G	EOME	TRY & F	RHEOL	OGY		١	Water A	dded (+)	10	371.0
M.B.T. (Methy	lene Blue	Capacity)) (ppb)				annular		neas.	veloci	•			Le	ft on Cu	uttings (-)		0.0
рН				8.0		8.0	section	C	lepth	ft/mii	n re	g lb/g	gal		Disch	arged (-)		
Alkalinity, Mud	d Pm														Lost R	eturns (-)	-10	047.0
Alkalinities, Fi	Itrate Pf/M	f					6.875x4.	.5 10	0,273'	296.0	6 tu	rb 8.7	71	Est. T	otal on	Location	1	829.3
Chlorides (mg	ı/L)			400		400	6.885x4.	.5 16	6,404'	295.	1 tu	rb 8.8	38 [Est. Los	ses/Ga	ins (-)/(+)		0.0
Calcium (ppm)			40		40	6.885x4.	.5 16	6,499'	295.	1 tu	s.8 dr	39	BIT	HYDRA	ULICS E	ATA	
Excess Lime	(lb/bbl)						6.885x5.1	67 16	6,643'	387.	0 tu	b 8.9	90 Bi	t H.S.I.	Bit ∆	P Nozz	des (3	32nds)
Average Spec	cific Gravity	of Solids	S	2.60	2.60	2.60								0.32	60 p	si 16	16	16
Percent Low 0	Gravity Sol	ids		0.4%		0.4%								Impact	Nozz Veloc		16	16
Percent Drill S	Solids			0.4%		0.4%			1				'	Force	(ft/se	-		
PPA Spurt / T	otal (ml) @	2	@ 0 °F				BIT D	ATA	Ma	anuf./Typ		ecurity G		27 lbs	89			
Estimated Tot	tal LCM in	System	ppb				Size	Depth Ir			Footag			Motor/M\		Calc. Circ		
Sample Taker				R. Bowlin		M.Meehan	6 3/4	11,970 f	t 8	3.0	4,970 f	t 59	.9	2,275 p	osi	3,10	8 psi	i

Remarks/Recommendations:

OBM RECEIVED: (4,846) bbls

OBM On Hand (1096) bbls

Sweeps 5-bbls of 10-ppg discounted OBM every stand

PHPA and Diesel added to Drill H2O in Tank #8

Rig Activity:

Continued drilling ahead on the lateral section F-15,905'MD T-16,940'MD under a 12.7ppg OBM mud cap. Utilizing fresh drill H2O as the primary circulating median, the fluid is laden with PHPA for encapsulation and diesel/ Evo-Lube for added lubricity. It is believed we are drilling in an Ash Bed currently do to poor ROP and observed spike in gamma. Sweeps 5-bbls every connection with discounted OBM from Newpark. Received additional discounted OBM for use to obtain injection rates, mud caps and sweeps (12.7ppg).

Er	ng. 1:	N	1att N	leeha	ın	Er	ng. 2:	Rob	Bowlin	WH 1:	MIDLAN	D \	NH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	none:	98	85-35	1-75	61	Pł	none:	228-9	990-1055	Phone:	432-685-4	023 P	hone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be		ser so elects,	, howeve		as been prepared n is made as to the	\$8,357.83	\$280,635.75
												II	NCLUE	ING 3RD PART	Y CHARGES	\$10,335.43	\$340,202.23

OUTSOURCE FLUID SOLUTIONS LLC.

96.0°

10,325' TVD

Operator MAGI	NOLIA (OIL & 0	GAS	Contractor PA	TTERS	ON	County / Parish /	Block IINGTO	N	Engineer S	tart Date 4/22/20	24 hr f	tg. 21 ft		Drilled D	Depth 16,02	7 ft	
Well Name and No.	ODRIC	H UNIT	Г 2 - 2H	Rig Name an	d No. 248		State TE	EXAS		Spud Date	4/26/20		nt ROP 1 ft/h	r	Activity DRLC	3 SD T	ROL	UGH
Report for				Report for			Field / OCS-G #			Fluid Type			ating Rate		Circulati	ing Press	ure	
Bobby	Gwinn/	James	Dyer	То	ol Pus	her	GID	DINGS		1	WBM		343 gp	m	3	,700	psi	i
	MUD	PROPE	RTY SPECIF	CATIONS	3		MUD VO	LUME (BE	BL)	Р	UMP #1		PUMP #	‡ 2	RISE	ER BO	OST	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	97	bbl '	Liner Si	ize 5.	25 Line	r Size	5.25	Liner	Size		
8.4-9.4	0-10	0-10	<5 <15	8-9	<30	2-10	In Hole	64	7 bbl	Stroke	e 1	2 Str	roke	12	Stro	ke		
				5/21/20		5/20/20	Active	74	3 bbl	bbl/stl	k 0.0	763 bb	l/stk (0.0763	bbl/s	stk	0.00)00
Time Sample	Taken			1:00		13:30	Storage	133	82 bbl	stk/mi	n	0 stk	/min	107	stk/n	min		
Sample Locati	on			pit		pit	Tot. on Loc	cation 207	'5 bbl	gal/mi	n	0 gal	l/min	343	gal/r	min	0)
Flowline Temp	erature °F	=						PHHP = 74	0		CIRCUL	ATION DA	ATA		n = 0.	.585 K	= 26	3.563
Depth (ft)				16,026'		16,019'	Bit D	Depth = 16,	,027 '		Wash	out = 2%		Pump	Efficie	ency = 9	95%	ı
Mud Weight (p	pg)			8.4		8.4	Drill String	Volume	e to Bit	226.1 k	obl St	rokes To Bit	2,963		Time T	o Bit	28 n	nin
Funnel Vis (se	c/qt)		@ 73 °F	27		27	Disp.	Bottoms L	Jp Vol.	420.5 ե	obl Botto	omsUp Stks	5,510	Botto	msUp ⁻	Time	51 n	nin
600 rpm				3		3	90.0 bbl	TotalCi	rc.Vol.	743.4 b	obl To	otalCirc.Stks	9,742	Tota	I Circ.	Time	91 n	nin
300 rpm				2		2		DRILLIN	G ASS	SEMBLY	DATA			SOLID	s con	ITROL		
200 rpm				1		1	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Ur	nit	Scre	ens	Ηοι	urs
100 rpm				1		1	Drill Pipe	4.500	3.	826	15,788'	0'	Shak	er 1	17	0		
6 rpm				1		1	Hevi Wt	4.500	2.	500	95'	15,788'	Shak	er 2	17	0		
3 rpm				1		1	Collars	5.167	2.	750	144'	15,883'	Shak	er 3	17	0		
Plastic Viscosi	ty (cp)		@ 120 °F	1		1						16,027'	Centri	fuge 1				
Yield Point (lb/	'100 ft²)		T0 = 1	1		1		CASIN	NG & I	HOLE DA	ATA							
Gel Strength (I	b/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор						
Gel Strength (l	b/100 ft ²)		30 min	1		1	Riser	0			0'		VOL	JME AC	COUN	ITING	(bbl	s)
API Filtrate / C	ake Thick	ness					Surface	10 1/2			2,991'	0'	Prev	. Total c	n Loca	ation	16	63.9
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	10,273'	0'	Trans	sferred I	n(+)/O	ut(-)	5	26.0
Retort Solids (Content			0.4%		0.4%								Oil	Added	d (+)		2.4
Retort Oil Con	tent													Barite	Added	d (+)		0.0
Retort Water 0	Content			99.6%		99.6%	Open	Hole Size	6.	885	16,027'		Other	Product	Usage	e (+)		2.3
Sand Content				0%		0%	ANI	NULAR GE	EOME	TRY & R	HEOLOG	3Y		Water	Added	d (+)	117	7 56.0
M.B.T. (Methy	lene Blue	Capacity	r) (ppb)				annular	r me	eas.	veloci	ty flow	ECD		Left on (Cutting	js (-)		0.0
рН				8.0		8.0	section	de	epth	ft/mir	reg	lb/gal		Disc	charge	ed (-)		
Alkalinity, Mud	Pm													Lost	Return	ns (-)	-118	75.2
Alkalinities, Fil	trate Pf/M	f					6.875x4.	.5 10	,273'	311.1	l turb	8.74	Est	. Total c	n Loca	ation	20	75.4
Chlorides (mg/	′L)			400		400	6.885x4.	.5 15	,788'	309.5	5 turb	8.91	Est. L	osses/G	ains (-)/(+)		0.0
Calcium (ppm)				40		40	6.885x4.	.5 15	,883'	309.5	5 turb	8.91	В	T HYDF	RAULI	CS DA	TA	
Excess Lime (lb/bbl)						6.885x5.1	67 16	,027'	405.9	turb	8.93	Bit H.S.	I. Bit	ΔΡ	Nozzle	s (32	nds)
Average Spec	ific Gravit	y of Solid	ls	2.60	2.60	2.60							0.37	66	psi	16	16	16
Percent Low G	Gravity So	lids		0.4%		0.4%							Bit Impa	Ct I	zzle ocity	16	16	16
Percent Drill S	olids			0.4%		0.4%							Force		sec)			
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Typ	e ULTE	RRA U611S	139 lbs	9	13			
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours	Footage	ROP ft/hr	Motor/	MWD	Calc.	Circ. F	Press	sure
Sample Taken	Ву			A. Roman			6 3/4	16,006 ft	2	4.0	21 ft	0.9	1,300) psi		2,177	psi	
Remarks/Reco	mmendati	ons:					Rig Activity:			•								

OBM RECEIVED: (4,846) bbls

OBM On Hand (1096) bbls

Sweeps 5-bbls of 9.5-ppg discounted OBM every stand

PHPA for encapsulation

Time Drilling for sidetrack 1'hr, continue to utilize fresh water as the primary circulating Median, with no returns and with Wt Mud cap on back side. will start pumping sweeps once back on target and out of the suspected ash bed. Sweep ready in the pits and Kill Mud 13.0ppg for use down the backside for annular pressure control. Additional volume of discounted OBM has been received from Madisonville Mud Plant 526bbls.

E	ng. 1:	Λ	∕latt N	1eeha	เท	Er	ng. 2:	Adol	fo Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	85-35	1-756	61	Pł	hone:	956-	821-9994	Phone:	432-685-4023	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	elects, however	, no representation	nas been prepared on is made as to the	\$5,768.12	\$294,102.87
									<u> </u>			INCLUDI	NG 3RD PAR	TY CHARGES	\$5.768.12	\$363,057,23

Date 05/21/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	DDRICH UN		Rig Name and No. 248	Report No.	rt #20
	DAILY	USAGE 8	COST					CUMU	LATIVE
	1		Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Co
LUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	\$128.9
CACL2 (50)	50# sk	\$16.60	257		252	5		321	· '
_IME (50)	50# sk	\$5.00	257		250	7	\$35.00	300	
BENTONE 910 (50)	50# sk	\$59.94	49		49			21	
BENTONE 990 (50)	50# sk	\$83.59	53		53			27	· '
OPTI G	50# sk	\$30.59	140		140			100	
OPTI MUL HP	gal	\$10.75	550		550			375	· '
OPTI WET	gal	\$8.34	515		515			300	
NEW PHALT	50# sk	\$38.72	90		90			70	
NEWCARB 200	50# sk	\$5.25	100		96	4	\$21.00	74	· ·
MAGMAFIBER F (25)	25# sk	\$28.05	132		132			62	\$1,739.
OIL SORB (25)	25# sk	\$4.75	40		40		A		
PHPA LIQUID (pail)	5 gal	\$41.36	92		90	2	\$82.72	7	\$289.5
GEL (100)	100# sk		70		70				ļ
BENTONE 38 (50)	50# sk	\$163.94	31		25	6		15	
CYBERSEAL	25# sk	\$21.47	248		240	8	· · · · · · · · · · · · · · · · · · ·	8	<u> </u>
Evo-Lube	gal	\$9.31	1075		975	100	\$931.00	125	\$1,163.7
									ļ
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	1040	440	1480			1965	\$13,755.0
								-	
									_
OPTI DRILL (OBM)	bbl	\$65.00	746		746			2974	\$193,310.
Magnolia Owned OBM	bbl							130	
Disappoint of Life LOC CDM		0.5							#0.100
Discounted High LGS OBM	bbl	\$15.00	112	526	638			632	\$9,480.0
									1
									.
							 		
							 		
							 		
							 		
									ļ
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									ļ
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		\$33,300.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	36	\$1,080.0
ENGINEERING (MILES)	each	\$1.00				450	\$450.00	1049	\$1,049.0
									İ
FRUCKING (cwt)	each	\$2.50				440	\$1,100.00	3878	\$9,696.0
TRUCKING (min)	each	\$795.00				7.10	. ,	1	1
PALLETS (ea)	each	\$12.00						51	\$612.0
SHRINK WRAP (ea)	each	\$12.00						48	
(ca)	Gauli	ψ12.00		l I				40	ψ570.0

Date	Operator			Well Name a	ınd No.		Rig Name ar	id No.	Report No.	
05/21/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repo	rt #20
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91						_		
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03						=	7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06	2635		2635			=	3586	\$3,801.16
Diesel 5/19/20	gal	\$1.06	7301		7301			=		
TurboChem First Response	each	\$41.75	420		420				80	\$3,340.00
TurboChem Pallets	each	\$20.00	8		8				2	
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
								_		
								_		
								-		
								-		
									\$68,9	54.36
	Cum	ulative Total	I AES & 3rd	Party \$363	3,057.23					
	<u> </u>					I				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4								
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027							
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027								
	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	-	_	_	_	_	_		_
•	New Hole Vol.	182	491	17	_		4	70	_	103	71	34	12	_		_		_		_		_
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075
	• •	· ·	_	2,411	2,020					,	2,141	2,141	2,141		2,073	2,073	2,073	2,073	2,073	2,073	2,073	2,073
	Chemical Additions Base Fluid Added	11 129	17 304	34	47	6 5	4 26	185	1 118	25 308				2								
,	Barite Increase	129	28	10	41	3	7	26	26	2												
	Weighted Mud Added		20	10	421	291	,	20	20	208				526								
					421	291				208				526								
	Slurry Added	40	F.C.							107												
	Water Added	16	56	00						107												
	Added for Washout	48	48	39																		
3,091	Total Additions	204	453	83	468	302	37	219	145	650	-	-	-	531	-	-	-	-	-	-	-	-
230	Surface Losses	7	23	74	10		16	40	30	30												
1,328	Formation Loss			18				105	500	705												
722	Mud Loss to Cuttings	132	383	19			4	76		108												
701	Unrecoverable Volume			42	42				20					597								
50	Centrifuge Losses	12	18	5						15												
2.020	Total Language	454	425	450	F 0		20	224	550	057				507	_			_	_			_
3,030	Total Losses	151	425	158	52	-	20	221	550	857	-	-	-	597	-	-	-	-	-	-	-	-
382	Mud Transferred Out			382																		
2,075	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075	2,075
130	Mud Recovered										•											
100	maa recoorerea		1.30																			
			130																			
			•		omment							omment						С	omment	s:		
			Trans in 2	101bbls ski	d vol. Cas	ing had 29				Mud Lost to	partial los	ses due to	seepage a					С	omment	s:		
		5/9/20	Trans in 2 displacement	101bbls ski	d vol. Cas	ing had 29			5/16/20	bbls, Evap	partial los	ses due to	seepage a			5/23/20		С	omment	s:		
		5/9/20	Trans in 2	101bbls ski	d vol. Cas	ing had 29			5/16/20		partial los	ses due to	seepage a			5/23/20		С	omment	s:		
		5/9/20	Trans in 2 ⁻¹ displacement 12bbls	101bbls ski ent. Mud lo	d vol. Cas	ing had 293	bls, Evap 6	.6, Cent	5/16/20	bbls, Evap bbls	partial los 20-bbls, Pi	sses due to	seepage ant 10-bbls a	and Trippin	g out 20-			С	omment	s:		
3,459		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud	101bbls ski ent. Mud lo o Cuttings 3 recovered	d vol. Casi ost to Cuttir 383.4-bbls, from, shak	ing had 293 ngs 132.1bl	bls, Evap 6 -bbls and C	.6, Cent ent. 18-	5/16/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/23/20 5/24/20		С	omment	s:		
3,459		5/9/20	Trans in 2 displacement 12bbls Mud lost to	101bbls ski ent. Mud lo o Cuttings 3 recovered	d vol. Casi ost to Cuttir 383.4-bbls, from, shak	ing had 293 ngs 132.1bl	bls, Evap 6 -bbls and C	.6, Cent ent. 18-	5/16/20	bbls, Evap bbls	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-			С	omment	s:		
3,459		5/9/20	Trans in 2' displacem 12bbls Mud lost to bbls. Mud and ROC's	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls	d vol. Casi ost to Cuttir 383.4-bbls, from, shak	ing had 293 ngs 132.1bi Evap 23.2- er tank run	bls, Evap 6 -bbls and C off due to s	ent. 18- weeps	5/16/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-			С	omment	s:		
3,459		5/9/20	Trans in 2' displacem 12bbls Mud lost to bbls. Mud and ROC's	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 882-bbls to	d vol. Casi ost to Cuttir 883.4-bbls, from, shak s Newpark.	ing had 29: 132.1bi Evap 23.2- er tank run Mud Lost (bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps	5/16/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-			C	omment	s:		
3,459		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's	101bbls ski ent. Mud lo 0 Cuttings 3 recovered s 129.7-bbls 882-bbls to s, Evap 12.	d vol. Casiost to Cuttin 883.4-bbls, from, shak s Newpark.	ing had 29: 132.1bi Evap 23.2- er tank run Mud Lost (bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps	5/16/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20		С	omment	s:		
3,459		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 882-bbls to s, Evap 12 rucking 26-	d vol. Casiost to Cuttin 883.4-bbls, from, shaks Newpark. .5, TOOH/T	ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	101bbls ski ent. Mud lo 0 Cuttings 3 recovered 5 129.7-bbls 882-bbls to s, Evap 12 rucking 26- bbls 16.0 (k	d vol. Casiost to Cuttin 883.4-bbls, from, shaks Newpark. .5, TOOH/T-bbls	Evap 23.2- er tank run Mud Lost (TH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	101bbls ski ent. Mud lo 0 Cuttings 3 recovered 5 129.7-bbls 882-bbls to s, Evap 12 rucking 26- bbls 16.0 (k	d vol. Casiost to Cuttin 883.4-bbls, from, shaks Newpark. .5, TOOH/T-bbls	Evap 23.2- er tank run Mud Lost (TH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20 5/25/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	101bbls ski ent. Mud lo 0 Cuttings 3 recovered 5 129.7-bbls 882-bbls to s, Evap 12 rucking 26- bbls 16.0 (k	d vol. Casiost to Cuttin 883.4-bbls, from, shaks Newpark. .5, TOOH/T-bbls	Evap 23.2- er tank run Mud Lost (TH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20 5/25/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T	101bbls ski ent. Mud k 0 Cuttings 3 recovered 5 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (K	d vol. Casi ost to Cuttir 383.4-bbls, from, shak s Newpark. .5, TOOH/T -bbls KILL) lost 10 on 42-bbls	Evap 23.2- er tank run Mud Lost (TH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20 5/25/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-t to spacer of	101bbls ski ent. Mud k 0 Cuttings 3 recovered 5 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (K	d vol. Casi ost to Cuttir 383.4-bbls, from, shak s Newpark. .5, TOOH/T -bbls KILL) lost 10 on 42-bbls	Evap 23.2- er tank run Mud Lost (TH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19	ent. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20	bbls, Evap bbls Mud Lost to	partial los 20-bbls, Pi	sses due to it Settlement	seepage ant 10-bbls a	and Tripping	g out 20-	5/24/20 5/25/20 5/26/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-to spacer of Lost 10.2-l	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (k contaminati	d vol. Casi ost to Cuttir 883.4-bbls, from, shak s Newpark. .5, TOOH/T bbls (ILL) lost 10 on 42-bbls	Evap 23.2- er tank run Mud Lost ("IH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R rucking In	ient. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	bbls, Evap bbls Mud Lost tr Evap 19.56	p partial los 20-bbls, Pl D Formation i, Pits 10-b	sees due to it Settlemei n 705-bbls. bls and Ce	Mud lost nt. 14.54bb	to Cuttings	g out 20-	5/24/20 5/25/20 5/26/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-t to spacer of Lost 10.2-l	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (k contaminati	d vol. Casi ost to Cuttir 383.4-bbls, from, shak s Newpark. .5, TOOH/T -bbls KILL) lost 10 on 42-bbls	Evap 23.2- er tank run Mud Lost ("IH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R rucking In	ient. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	bbls, Evap bbls Mud Lost to Evap 19.56	p partial los 20-bbls, Pi D Formation 5, Pits 10-b	sses due to it Settlemen n 705-bbls. bls and Ce	Mud lost nt. 14.54bb	to Cuttings	g out 20-	5/24/20 5/25/20 5/26/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20 5/13/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-to spacer of Lost 10.2-l	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (k contaminati	d vol. Casi ost to Cuttir 883.4-bbls, from, shak s Newpark. .5, TOOH/T bbls (ILL) lost 10 on 42-bbls	Evap 23.2- er tank run Mud Lost ("IH 35-bbls	bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R rucking In	ient. 18- weeps -bbls, un off 42.2-	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	bbls, Evap bbls Mud Lost tr Evap 19.56	p partial los 20-bbls, Pi D Formation 5, Pits 10-b	sses due to it Settlemen n 705-bbls. bls and Ce	Mud lost nt. 14.54bb	to Cuttings	g out 20-	5/24/20 5/25/20 5/26/20 5/27/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20 5/13/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-bt to spacer of Lost 10.2-b	101bbls ski ent. Mud lo o Cuttings 3 recovered is 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (k contaminati	d vol. Casi ost to Cuttir 883.4-bbls, from, shaks Newpark. .5, TOOH/T bbls (ILL) lost 10 on 42-bbls Settlement	Evap 23.2-er tank run Mud Lost ("IH 35-bbls to Ti	bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R rucking In	ient. 18- weeps -bbls, un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	bbls, Evap bbls Mud Lost to Evap 19.56	p partial los 20-bbls, Pi D Formation 5, Pits 10-b	sses due to it Settlemen n 705-bbls. bls and Ce	Mud lost nt. 14.54bb	to Cuttings	g out 20-	5/24/20 5/25/20 5/26/20 5/27/20		C	omment	s:		
3,459		5/9/20 5/10/20 5/11/20 5/12/20 5/13/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud and ROC's Returned 3 Cent 5-bbl bbls and T Rec. 421-t to spacer of Lost 10.2-l Mud Lost to bbls	101bbls ski ent. Mud lo o Cuttings 3 recovered s 129.7-bbls 382-bbls to s, Evap 12 rucking 26- bbls 16.0 (k contaminati	d vol. Casi ost to Cuttir 883.4-bbls, from, shaks Newpark. .5, TOOH/T bbls (ILL) lost 10 on 42-bbls Settlement	Evap 23.2-er tank run Mud Lost (TiH 35-bbls to Ti	bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R rucking In	ient. 18- weeps -bbls, un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	bbls, Evap bbls Mud Lost to Evap 19.56	p partial los 20-bbls, Pi D Formation 5, Pits 10-b	sees due to it Settlemen n 705-bbls. bls and Ce	Mud lost nt. 14.54bb	to Cuttings	g out 20-	5/24/20 5/25/20 5/26/20 5/27/20		C	omment	s:		

OUTSOURCE FLUID SOLUTIONS LLC.

6.4° 5,461' TVD

Operator MAGI Well Name and No	NOLIA (OIL &	GAS	Contractor PA Rig Name an	TTERS	ON	County / Parish / WASH	Block	N	Engineer S O4 Spud Date	4/22/2	20	24 hr ftg.	0 ft		Drilled D	Depth	29 ft	t
LEVI GO		H UNI	T 2 - 2H	Nig Name an	248			EXAS		-	4/26/2			o⊦ O ft/hr		Activity	PO	ЭН	
Report for				Report for			Field / OCS-G #			Fluid Type		-	Circulating	g Rate		Circulati	ng Pres	sure	
Bobby	Gwinn/	James	s Dyer	То	ol Pus	her	GID	DINGS			WBN	l	() gpm			р	si	
	MUD	PROPE	RTY SPECIF	CATION	S		MUD VO	LUME (BE	BL)	P	PUMP #	‡ 1	Р	UMP #2		RISE	ER BO	OOST	ΓER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	16	5 bbl	Liner S	Size	5.25	Liner S	ize 5.:	25	Liner	Size		
8.4-9.4	0-10	0-10	<5 <15	8-9	<30	2-10	In Hole	70	4 bbl	Stroke	е	12	Stroke	e 1	2	Stro	ke		
				5/22/20		5/20/20	Active	38	5 bbl	bbl/st	tk	0.0763	bbl/st	k 0.0	763	bbl/s	stk	0.00	000
Time Sample	Taken			1:00		12:30	Storage	680	6 bbl	stk/m	in	0	stk/mi	n (0	stk/r	nin		
Sample Locati	ion			pit		pit	Tot. on Loc	cation 155	55 bbl	gal/m	in	0	gal/mi	in (0	gal/r	nin	C	0
Flowline Temp	erature °F	=						PHHP = 0			CIRC	ULATIO	N DATA	4		n = 0	.585	K = 26	6.563
Depth (ft)				16,029'		16,029'	Bit I	Depth = 5,	500 '		Wa	ashout = 1	2%	I	Pump	Efficie	ency =	95%	ó
Mud Weight (բ	opg)			8.4		8.4	Drill String	Volume	e to Bit	76.4 b	obl	Strokes T	o Bit	•		Time T	o Bit		
Funnel Vis (se	ec/qt)		@ 73 °F	27		27	Disp.	Bottoms U	Jp Vol.	143.4	bbl B	ottomsUp	Stks		Bottor	msUp [·]	Time		
600 rpm				3		3	32.6 bbl	TotalCi	rc.Vol.	384.9	bbl	TotalCirc	.Stks		Tota	l Circ.	Time		
300 rpm				2		2		DRILLIN	G ASS	SEMBLY	DATA			S	OLIDS	S CON	ITRO	L	
200 rpm				1		1	Tubulars	OD (in.)	ID	(in.)	Lengt	h To	р	Unit		Scre	ens	Ho	urs
100 rpm				1		1	Drill Pipe	4.500	3.	826	5,261	' 0		Shaker	1	17	0		
6 rpm				1		1	Hevi Wt	4.500	2.	500	95'	5,26	61'	Shaker	2	17	0		
3 rpm				1		1	Collars	5.167	2.	750	144'	5,3	56'	Shaker	. 3	17	0		
Plastic Viscos	ity (cp)		@ 120 °F	1		1						5,50	00'	Centrifug	ge 1				
Yield Point (lb.	/100 ft²)		T0 = 1	1		1		CASI	NG & I	HOLE D	ATA								
Gel Strength (lb/100 ft²)	10	0 sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depti	n To	р						
Gel Strength (lb/100 ft ²)		30 min	1		1	Riser	0			0'			VOLUM	IE AC	COUN	ITING	(bbl	ls)
API Filtrate / C	Cake Thick	kness					Surface	10 1/2			2,991	' 0	,	Prev. T	otal o	n Loca	ation	20	075.4
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	10,27	3' 0	,	Transfe	erred Ir	n(+)/O	ut(-)		
Retort Solids (Content			0.4%		0.4%									Oil	Adde	(+) b		81.8
Retort Oil Con	itent													I	Barite	Adde	(+) b		0.0
Retort Water	Content			99.6%		99.6%	Oper	Hole Size	6.	885	16,02	9'		Other Pr	roduct	Usage	e (+)		0.0
Sand Content				0%		0%	ANI	NULAR GE	ЕОМЕ	TRY & F	RHEOL	OGY		١	Water	Adde	(+) b	5	500.0
M.B.T. (Methy	lene Blue	Capacity	y) (ppb)				annular	r me	eas.	veloci	itv flo	ow EC	:D	Le	ft on C	Cutting	ıs (-)		0.0
рН				8.0		8.0	section		epth	ft/mii	,	eg lb/g			Disc	charge	d (-)		
Alkalinity, Muc	l Pm														Lost F	Return	ıs (-)	-11	102.1
Alkalinities, Fi	Itrate Pf/M	lf					6.875x4.	.5 5,	261'	0.0	la	ım 8.4	10	Est. T	otal o	n Loca	ation	15	555.1
Chlorides (mg	/L)			400		400	6.875x4.	.5 5,	356'	0.0	la	ım 8.4	10	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm)			40		40	6.875x5.1	67 5,	500'	0.0	la	ım 8.4	10	BIT	HYDR	RAULI	CS D	ATA	
Excess Lime (lb/bbl)												Е	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	2nds)
Average Spec	ific Gravit	y of Solid	ds	2.60	2.60	2.60								0.00	р	osi	16	16	16
Percent Low 0	Gravity So	lids		0.4%		0.4%							В	it Impact	Noz		16	16	16
Percent Drill S	Solids			0.4%		0.4%								Force	Velo (ft/s	-			
PPA Spurt / T	otal (ml) @	0)	@ 0 °F				BIT D	ATA	Ma	anuf./Typ	oe U	LTERRA U	611S	0 lbs	c)			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours	Foota	ge ROP	ft/hr	Motor/M\	WD	Calc.	Circ.	Pres	ssure
Sample Taker	n By			A. Roman			6 3/4	16,006 ft	2	4.0	21 ft	0.	9	1,300 p	osi				
						1			1										

Remarks/Recommendations:

OBM RECEIVED: (4,846) bbls

OBM On Hand (851) bbls

Kill mud on Hand----57bbls //// \$65.00/bbl

9.3ppg OBM on Hand-----198bbls //// \$65.00/bbl

Discounted OBM on hand ----(418bbl--12.3#); (70bbl--9.5#)

Rig Activity:

Work Stuck pipe, @17:00hrs pipe free up. Dry ream out of the hole up to 15780' resume pumping fresh water down DP, Casing pressure increase 840psi. Shut down pump and Casing pressure drop to 0. Standpipe Pressure increase while monitoring well, showing a possible stuck float or wash out down hole on tubulars. Continue to pump kill mud on back side and down DP to balance out pressures and kill well prior to POOH. Both Casing and SPP down to 0. Disengage Top drive and start POOH. APCO, Maintain 9.3ppg in Pit #7 to fill up on back side as POOH continues. Order 14.7ppg Kill mud from Mud plant.

Е	ng. 1:	N	/latt N	leeha	ın	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	98	85-35	1-75	31	Pł	hone:	956-8	321-9994	Phone:	432-685-	4023	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	used if the	user so		no representation	nas been prepared on is made as to the	\$29,055.00	\$323,157.87
													INCLUDII	NG 3RD PAR	TY CHARGES	\$32,697.16	\$395,754.39

Date 05/22/20	Operator MAG I	NOLIA OIL	& GAS	Well Name a	IND NO. ODRICH UN	NIT 2 - 2H	Rig Name ar	48	Report No. Repo	rt #21
	DAILY	USAGE 8	& COST						CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
	Unit		Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cuili Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83							0.4	#4.070.5
SAPP (50)	50# sk	\$44.50							31	
PHPA LIQUID (pail) DYNA DET	5 gal	\$41.36							4	\$82.7
DYNA DET	pail	\$32.23							4	\$128.92
04010 (50)	50%-1-	# 40.00	050		050				004	ΦF 000 0
CACL2 (50)	50# sk	\$16.60			252				321	\$5,328.6
LIME (50)	50# sk	\$5.00	250		250				300	. ,
BENTONE 910 (50)	50# sk	\$59.94	49		49				21	
BENTONE 990 (50)	50# sk	\$83.59	53		53				27	\$2,256.9
OPTI MULLUP	50# sk	\$30.59			140				100	\$3,059.0
OPTI MUL HP	gal .	\$10.75			550					\$4,031.2
OPTI WET	gal	\$8.34	515		515				300	
NEW PHALT	50# sk	\$38.72	90		90				70	\$2,710.4
NEWCARB 200	50# sk	\$5.25	96		96				74	\$388.5
MAGMAFIBER F (25)	25# sk	\$28.05			132				62	\$1,739.1
OIL SORB (25)	25# sk	\$4.75	40		40				<u> </u>	
PHPA LIQUID (pail)	5 gal	\$41.36			90				7	\$289.52
GEL (100)	100# sk		70		70					
BENTONE 38 (50)	50# sk	\$163.94	25		25				15	\$2,459.1
CYBERSEAL	25# sk	\$21.47	240		240				8	\$171.7
Evo-Lube	gal	\$9.31	975		975				125	\$1,163.7
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00			1480				1965	\$13,755.00
OPTI DRILL (OBM)	bbl	\$65.00	746		363	383	\$24,895.00		3357	\$218,205.0
Magnolia Owned OBM	bbl								130	
Discounted High LGS OBM	bbl	\$15.00	638		488	150	\$2,250.00		782	\$11,730.0
						_				
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		38	\$35,150.0
ENGINEERING (DIEM)	bbl	\$30.00				2				\$1,140.0
ENGINEERING (MILES)	each	\$1.00					, : :::0		1049	
FRUCKING (cwt)	each	\$2.50							3878	\$9,696.0
	each	\$795.00				_			1	\$795.00
RUCKING (MIN)								•		
	each	\$12.00							51	\$612.00
TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.00 \$12.00							51 48	\$612.00 \$576.00

Date	Operator			Well Name a	ınd No.		Rig Name ar	d No.	Report No.	
05/22/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repo	rt #21
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06	2635			2635	\$2,793.10		6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06	7301		6500	801	\$849.06		801	\$849.06
TurboChem First Response	each	\$41.75	420		420				80	\$3,340.00
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
					Daily S	ub-Total \$	3,642.16		\$72,5	96.52
	Cumi	ulative Total	I AES & 3rd	Party \$395	5,754.39					
						Ī				

FLUID VOLUME ACCOUNTING

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4							
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029						
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029							
13.942	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	_	-	-	-	-
,	New Hole Vol.	182	491	17	_	-	4	70	-	103	71	34	12	-	0	-	_	-	-	-	-	-
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,075	1,555	1,555	1,555	1,555	1,555	1,555	1,555
74	Chemical Additions	11	17	_,	_,0_0	6	4	8	1	25	_,	_,	_,	2	_,0.0	1,000	.,000	.,000	1,000	.,000	1,000	1,000
	Base Fluid Added	129	304	34	47	5		185	118	308				2	82							
- ,	Barite Increase	120	28	10	.,		7	26	26	2					- 02							
	Weighted Mud Added			10	421	291	<u> </u>			208				526								
-	Slurry Added				721	201				200				020								
	Water Added	16	56							107					500							
	Added for Washout	48	48	39						107					000							
	Total Additions	204	453	83	468	302	37	219	145	650	_			531	582	_						
,		-				302					-	_	-	331	302	-	-	-	_		-	-
	Surface Losses	7	23	74	10		16	40	30	30												
	Formation Loss			18				105	500	705					1,102							
	Mud Loss to Cuttings	132	383	19			4	76		108												
	Unrecoverable Volume			42	42				20					597								
50	Centrifuge Losses	12	18	5						15												
4,132	Total Losses	151	425	158	52	-	20	221	550	857	-	-	-	597	1,102	-	-	-	-	-	-	-
382	Mud Transferred Out			382																		
1,555	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	2,141	2,141	2,141	2,075	1,555	1,555	1,555	1,555	1,555	1,555	1,555	1,555
130	Mud Recovered		130																			
					omment	· ·						omment	e ·						omment	e ·		
			-											14.1	500				Omment	<i>3.</i>		
		5/9/20		101bbls ski ent. Mud k					5/16/20					and trip surg and Tripping		5/23/20						
3,459		5/10/20	bbls. Muc	o Cuttings 3 d recovered s 129.7-bbl	from, shak							n 705-bbls. bbls and Ce		to Cuttings	108-bbls,	5/24/20						
	ı	5/11/20	Cent 5-bb	382-bbls to ls, Evap 12 Frucking 26	.5, TOOH/1				- 5/18/20							5/25/20						
		5/12/20	Rec. 421- to spacer	bbls 16.0 (k contaminati	(ILL) lost 10 on 42-bbls	0-bbls to T	rucking In	. Mud lost	5/19/20							5/26/20						
		5/13/20	Lost 10.2-	bbls to Pit S	Settlement				5/20/20							5/27/20						
		5/14/20	Mud Lost	to Cutting 3	.5-bbls, Ev	ap 6-bbls a	and Pit Sett	lement 10-				ng 16027. (nud cap on		umping fres	h water	5/28/20						

110 Old Market St

St Martinville, LA 70582

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 16,029 ft Current ROP **LEVI GOODRICH UNIT 2 - 2H TEXAS** 04/26/20 **TIH / FISHING** 248 ield / OSC-G # Fluid Type Circulating Rate **Bobby Gwinn/James Dyer Tool Pusher GIDDINGS WBM MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER P\/ **GELS** API fl % Solids In Pits 165 bbl 5.25 Liner Size 5.25 Liner Size Weight ΥP Liner Size 8.4-9.4 0-10 0-10 <5 <15 8-9 <30 2-10 In Hole 737 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 165 bbl bbl/stk 0.0763 0.0763 bbl/stk bbl/stk Active 1:00 12:30 Time Sample Taken 686 bbl Storage stk/min stk/min stk/min Tot on Location 1588 bbl Sample Location pit pit gal/min gal/min gal/min Mud Wt = 8.4YP=1 Flowline Temperature °F PV=1 **CIRCULATION DATA** n = 0.585 K = 26.6 Depth (ft) 16.029 16.029 Washout = 2% Pump Efficiency = 95% Mud Weight (ppg) 8.4 8.4 Volume to Bit Strokes To Bit Time To Bit Drill String @ 73 °F 27 27 Funnel Vis (sec/qt) Bottoms Up Vol. BottomsUp Stks BottomsUp Time 3 3 600 rpm TotalCirc.Vol. 165.0 bbl TotalCirc.Stks Total Circ. Time SOLIDS CONTROL 300 rpm 2 2 DRILLING ASSEMBLY DATA 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 100 rpm 1 1 Drill Pipe 4.500 3.826 Shaker 1 170 1 1 Hevi Wt Shaker 2 170 6 rpm 1 Shaker 3 170 3 rpm 1 Collars @ 120 °F 1 1 Centrifuge 1 Plastic Viscosity (cp) 1 1 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 1/1 1/1 OD (in.) Gel Strength (lb/100 ft2) 10 sec / 10 min Casing ID (in.) Depth Top **VOLUME ACCOUNTING (bbls)** 30 min 1 1 Gel Strength (lb/100 ft2) Riser API Filtrate / Cake Thickness Surface 10 1/2 2.991' Prev. Total on Location 1583.8 7 5/8 6.875 10,273' HTHP Filtrate / Cake Thickness Int. Csq. Transferred In(+)/Out(-) Retort Solids Content 0.4% 0.4% Oil Added (+) Retort Oil Content Barite Added (+) 99.6% 99.6% Retort Water Content 6.885 16.029 Other Product Usage (+) Open Hole Size 0% 0% **ANNULAR GEOMETRY & RHEOLOGY** Sand Content Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) ECD annular velocity depth section ft/min reg lb/gal 8.0 8.0 Discharged (-) Lost Returns (-) Alkalinity, Mud Pm 1583.8 Alkalinities, Filtrate Pf/Mf Est. Total on Location Chlorides (ma/L) 400 Est. Losses/Gains (-)/(+) 4.0 **BIT HYDRAULICS DATA** 40 40 Calcium (ppm) Bit H.S.I. Nozzles (32nds) Excess Lime (lb/bbl) Bit ΛP Average Specific Gravity of Solids 2.60 2.60 2.60 16 16 16 Percent Low Gravity Solids 0.4% 0.4% Nozzle 16 16 16 Bit Impact Velocitv Force Percent Drill Solids 0.4% 0.4% (ft/sec) **BIT DATA** Manuf./Type ULTERRA U611S PPA Spurt / Total (ml) @ Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hi Motor/MWD Calc. Circ. Pressure 21 ft 1,300 psi Sample Taken By A. Romar 6 3/4 16,006 ft 24.0 0.9 1,300 psi Afternoon Remarks/Recommendations: Afternoon Rig Activity: Pull out of hole, pipe was twisted off at 4-1/2" drillpipe connection, 4594' of fish left in hole. Top of fish is possibly at 11,200. Receive fishing tools, currently make up screw-in sub and prepare to trip in hole to retrieve fish. Taking delivery of 450 bbls 14.7 ppg kill mud from Newpark Madisonville Mud Plant, and receiving 450 bbls of 10.7 ppg high percentage LGS discounted priced mud from Newpark Cotulla Mud Plant.

OUTSOURCE FLUID SOLUTIONS LLC.

90.7°

10,586' TVD

Operator MAGI	NOLIA (OIL & 0	GAS	Contractor PA	TTERS	ON	County / Parish /	Block	ON	_	Start Date		4 hr ftg.	0 ft	Di	illed Depti	029	ft
Well Name and No.	ODBIC	H HINIT	「 つ _	Rig Name ar	nd No.		State	EXAS		Spud Date	•)4/26/2		Current RC	ft/hr	Ad	tivity	HIN	G
Report for	ODICIO		Z - ZII	Report for	240		Field / OCS-G #			Fluid Type			Circulating		Ci	rculating F		
Bobby	Gwinn/	James	Dyer	То	ol Pus	her	GID	DINGS	3		WBM	l	0	gpm			psi	
	MUD	PROPE	RTY SPECIF	ICATION	s		MUD VO	LUME (E	BBL)	I	PUMP#	±1	PI	JMP #2		RISER	вооз	STER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	1	05 bbl	Liner	Size	5.25	Liner Siz	ze 5.	25 L	iner Siz	Э	
8.4-9.4	0-10	0-10	<5 <15	8-9	<30	2-10	In Hole	6	77 bbl	Strok	ке	12	Stroke	1	2	Stroke		
				5/23/20		5/22/20	Active	5	50 bbl	bbl/s	stk (0.0763	bbl/stk	0.0	763	bbl/stk	0.	0000
Time Sample	Γaken			1:00		12:30	Storage	e <u>16</u>	621 bbl	stk/m	nin	0	stk/mir	n ()	stk/min		
Sample Locati	on			pit		pit	Tot. on Lo	cation 24	103 bbl	gal/n	nin	0	gal/mir	n ()	gal/min		0
Flowline Temp	erature °F	=						PHHP =	0		CIRC	ULATION	I DATA		n	= 0.58	5 K=	26.563
Depth (ft)				16,029'		16,029'	Bit [Depth = 1	1,004 '		Wa	shout = 2	2%	ı	Pump E	fficienc	y = 95	%
Mud Weight (p	pg)			8.4		8.4	Drill String	Volun	ne to Bit	156.5	bbl	Strokes To	o Bit		Ti	me To E	it	
Funnel Vis (se	c/qt)		@ 73 °F	27		27	Disp.	Bottoms	Up Vol.	288.9	bbl B	ottomsUp	Stks		Bottom	sUp Tim	е	
600 rpm	•					3	60.0 bbl	Total	Circ.Vol.	550.4	bbl	TotalCirc.	Stks		Total (Circ. Tim	е	
300 rpm				2		2		DRILLI	NG ASS	SEMBL'	Y DATA			S	OLIDS	CONTR	OL	
200 rpm				1		1	Tubulars	OD (in.) ID	(in.)	Length	h Top	р	Unit	;	Screens	Н	lours
100 rpm				1		1	Drill Pipe	4.500	3.	826	11,004	1' 0'		Shaker	1	170		
6 rpm				1		1	Hevi Wt					11,00	04'	Shaker	2	170		
3 rpm				1		1	Collars					11,00	04'	Shaker	3	170		
Plastic Viscosi	ty (cp)		@ 120 °F	1		1						11,00	04'	Centrifug	je 1			
Yield Point (lb/	100 ft²)		T0 = 1	1		1		CAS	ING & I	HOLE D	ATA							
Gel Strength (I	b/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.) ID	(in.)	Depth	т Тор	р					
Gel Strength (l	b/100 ft ²)		30 min	1		1	Riser	0			0'			VOLUM	IE ACC	OUNTI	NG (b	bls)
API Filtrate / C	ake Thick	ness					Surface	10 1/2			2,991	' 0'		Prev. T	otal on	Locatio	n '	1583.8
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	10,273	3' 0'		Transfe	erred In(+)/Out(-)	916.0
Retort Solids (Content			0.4%		0.4%									Oil A	dded (+	-)	17.5
Retort Oil Con	tent													I	Barite A	dded (+	-)	0.0
Retort Water 0	Content			99.6%		99.6%	Oper	n Hole Siz	ze 6.	885	16,029	9'	•	Other Pr	oduct U	sage (+	-)	0.0
Sand Content				0%		0%	AN	NULAR (SEOME	TRY &	RHEOL	OGY		١	Nater A	dded (+	-)	250.0
M.B.T. (Methy	ene Blue	Capacity) (ppb)				annula	r r	neas.	veloc	city flo	w ECI	D	Le	ft on Cu	ttings (-)	0.0
рН				8.0		8.0	section	1 (depth	ft/m	in re	eg lb/ga	al	L	ost to F	ormatio	n	-364.5
Alkalinity, Mud	Pm																	
Alkalinities, Fil	trate Pf/M	f					6.875x4	.5 1	0,273'	0.0) la	m 8.4	0	Est. T	otal on	Locatio	n 2	2402.8
Chlorides (mg/	L)			400		400	6.885x4	.5 1	1,004'	0.0) la	m 8.4	0	Est. Los	ses/Gai	ns (-)/(+	-)	0.0
Calcium (ppm)				40		40								BIT	HYDRA	ULICS	DATA	4
Excess Lime (b/bbl)												В	t H.S.I.	Bit ∆	P No	zzles (32nds)
Average Spec	fic Gravity	y of Solid	s	2.60	2.60	2.60								0.00	ps	16	16	16
Percent Low G	Fravity Sol	ids		0.4%		0.4%							Bit	Impact	Nozz Veloc		16	16
Percent Drill S	olids			0.4%		0.4%								Force	(ft/se			
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Ty	pe UL	TERRA U6	611S	0 lbs	0			
Estimated Total	al LCM in	System	ppb				Size	Depth I	n Ho	ours	Footag	ge ROP f	ft/hr I	Motor/M\	WD (Calc. Ci	rc. Pre	ssure
Sample Taken	Ву			A. Roman			6 3/4	16,006	ft					1,300 p	osi			
Remarks/Reco	mmendatio	ons:					Rig Activity:											

OBM RECEIVED: (5,762) bbls

OBM On Hand (1621) bbls

Kill mud on Hand----428bbls //14.7# // \$65.00/bbl

9.3ppg OBM on Hand-----290bbls //// \$65.00/bbl

Discounted OBM on hand - (418bbl--12.3#); (485bbl--10.7#)

Pick up Fishing tools and TIH to top of fish. @ 5000' with tools in the hole, Pumped 73bbls of 14.7ppg Kill mud on back side as preventinve mud cap to continue TIH. Tag top of fish @ 11,010'. Hooked on to fish and start on retrieving same at a slow pick up rate, fishing tools disengaging while attempting to Pull, screw back into it and continue to pull on same. Pump fresh water down DP as requested by Fish hand and Co. Man. Received 462bbls of 14.7ppg OBM (\$65.00), and 454bbls of 10.7ppg (\$15.00)

E	ng. 1:	N	∕latt N	1eeha	ın	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	85-35	51-75	31	Ph	none:	956-8	321-9994	Phone:	432-685-4023	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	ecommendation, exp used if the user so ation, and this is a r	elects, however	, no representati	nas been prepared on is made as to the	\$9,450.00	\$332,607.87
												INCLUDI	NG 3RD PAR	TY CHARGES	\$10.229.10	\$405.983.49

ALUMINUM TRISTEARATE SAPP (50) SOM sk PHPA LIQUID (pail) DYNA DET CACL2 (50) CACL2 (50) LIME (50) BENTONE 910 (50) SOM sk BENTONE 990 (50) OPTI MUL HP Qal NEW PHALT NEW CARB 200 MAGMAFIBER F (25) OLL SORB (25) PHPA LIQUID (pail) GEL (100) BENTONE 38 (50) COLL SORB (25) PHPA LIQUID (pail) S gal GEL (100) BENTONE 38 (50) CYBERSEAL EVO-Lube Qal NEW-WATE (SACK BARITE) NEW-WATE (SACK BARITE) NEW-WATE BULK (100) DISCOUNTED HOW sk BARITE BULK (100) DISCOUNTED HOW sk DISCOUNTED			1	ODRICH UI		_	l8 Re	ort #22
Item							CUM	ULATIVE
ALUMINUM TRISTEARATE		Previous		Closing	Daily		Cum	J
SAPP (50)	Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
PHPA LIQUID (pail) 5 gal pail pai	162.83	1						
DYNA DET	\$44.50)						31 \$1,379.5
CACL2 (50)	\$41.36							2 \$82.7
LIME (50)	\$32.23	8						4 \$128.9
LIME (50)								
LIME (50)								
BENTONE 910 (50)	\$16.60 \$5.00	1		252 250				21 \$5,328.6 00 \$1,500.0
BENTONE 990 (50) 50# sk OPTI G 50# sk OPTI G 50# sk OPTI MUL HP gal NEW PHALT 50# sk NEWCARB 200 50# sk MAGMAFIBER F (25) 25# sk OIL SOR B(25) 25# sk OIL SOR B(25) 25# sk PHPAL LIQUID (pail) 5 gal se BENTONE 38 (50) 50# sk SOCYBERSEAL 25# sk EVO-Lube gal NEW-WATE (SACK BARITE) 100# sk BARITE BULK (100) 100# sk DARITE BULK (100M) 10	\$59.94	1		49				21 \$1,258.7
OPTI G	\$83.59			53				27 \$2,256.9
OPTI WET	\$30.59	140		140			1	00 \$3,059.0
NEW PHALT 50# sk NEWCARB 200 50# sk NEWCARB 200 50# sk MAGMAFIBER F (25) 25# sk OIL SORB (25) 25# sk PHPA LIQUID (pail) 5 gal GEL (100) 100# sk SENTONE 38 (50) 50# sk Sev-Lube gal Sev-Lube gal Sev-Lube 50 100# sk Sex Sex Sex Sex Sex Sex Sex Sex Sex Sex	\$10.75	550		550			3	75 \$4,031.2
NEWCARB 200	\$8.34			515				00 \$2,502.0
MAGMAFIBER F (25)	\$38.72	1		90				70 \$2,710.4
OIL SORB (25)	\$5.25	1		96				74 \$388.5
PHPA LIQUID (pail) 5 gal GEL (100) 100# sk BENTONE 38 (50) 50# sk CYBERSEAL 25# sk EVO-Lube gal NEW-WATE (SACK BARITE) 100# sk BARITE BULK (100) 100# sk DOPTI DRILL (OBM) bbl Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each 5 ENGINEERING (DIEM) bbl ENGINEERING (DIEM) bbl	\$28.05			132				52 \$1,739.1
GEL (100)	\$4.75 \$41.36	1		40 90				7 \$289.5
BENTONE 38 (50) CYBERSEAL 25# sk EVO-Lube gal NEW-WATE (SACK BARITE) BARITE BULK (100) 100# sk	y r 1.30	70		70				, ψ203.5
CYBERSEAL 25# sk EVO-Lube gal NEW-WATE (SACK BARITE) 100# sk BARITE BULK (100) 100# sk DISCOUNTED THE LORD BUT BUT BUT BUT BUT BUT BUT BUT BUT BUT	163.94			25				15 \$2,459.1
NEW-WATE (SACK BARITE) BARITE BULK (100) 100# sk 100#	\$21.47	1		240				8 \$171.7
BARITE BULK (100) 100# sk	\$9.31	975		975			1:	25 \$1,163.7
BARITE BULK (100) 100# sk 10								
BARITE BULK (100) 100# sk							<u> </u>	
BARITE BULK (100) 100# sk							-	
BARITE BULK (100) 100# sk	\$11.50	160		160				
OPTI DRILL (OBM) Magnolia Owned OBM Discounted High LGS OBM bbl ENGINEERING (24 HR) ENGINEERING (DIEM) bbl	\$7.00	1		1480			19	65 \$13,755.0
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl	•						-	, ,, ,,
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
Magnolia Owned OBM bbl Discounted High LGS OBM bbl ENGINEERING (24 HR) each SENGINEERING (DIEM) bbl								
ENGINEERING (24 HR) each SENGINEERING (DIEM)	\$65.00	363	462	718	107	\$6,955.00	34	\$225,160.0
ENGINEERING (24 HR) each SENGINEERING (DIEM)							1:	30
ENGINEERING (24 HR) each S ENGINEERING (DIEM) bbl	* 4= **				**	AFOR 31	-	24 640 0 :=
ENGINEERING (DIEM) bbl	\$15.00	488	454	903	39	\$585.00	8:	21 \$12,315.0
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl		-						
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl								
ENGINEERING (DIEM) bbl	925.00				2	\$1,850.00		40 \$37,000.0
ENGINEERING (MILES) each	\$30.00	1			2	\$60.00		40 \$1,200.0
	\$1.00)						49 \$1,049.0
EDITOR(NO (see)	Φ0.							70 00 00
FRUCKING (cwt) each	\$2.50 795.00						38	
TRUCKING (min) each S PALLETS (ea) each	795.00 \$12.00						<u> </u>	1 \$795.0 51 \$612.0
SHRINK WRAP (ea) each	\$12.00	1						48 \$576.0
		Sub-Total \$9	ı					2,607.87

Date	Operator			Well Name a	nd No.		Rig Name ar	id No.	Report No.	
05/23/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repo	rt #22
	DAILY	USAGE 8	k COST						CUMUI	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06	6500		5765	735	\$779.10		1536	\$1,628.16
TurboChem First Response	each	\$41.75	420		420				80	\$3,340.00
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11		5545	5545					
								_		
								_		
								_		
								_		
								_		
								_		
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								_		
								_		
								_		
								_		
							1	-		
							1	-		
								-		
								-		
								-		
					Daily S	Sub-Total \$	5779.10		\$73,3	75.62
					,				Ţ. . , 0	
					1					
	Cumi	ılative Total	AES & 3rd	Party \$405	,983.49					
						I				

110 Old Market St

St Martinville, LA 70582

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 16,029 ft Current ROP **LEVI GOODRICH UNIT 2 - 2H TEXAS** 04/26/20 M/U OVERSHOT 248 ield / OSC-G # Fluid Type Circulating Rate Circulating Pressure **Bobby Gwinn/James Dyer Tool Pusher GIDDINGS WBM MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER 5.25 P\/ **GELS** API fl In Pits 105 bbl Liner Size Weight ΥP % Solids Liner Size 5.25 Liner Size 8.4-9.4 0-10 0-10 <5 <15 8-9 <30 2-10 In Hole 737 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 105 bbl bbl/stk 0.0763 0.0763 bbl/stk bbl/stk Active 1:00 12:30 Time Sample Taken 1313 bbl Storage stk/min stk/min stk/min Tot on Location 2155 bbl gal/min Sample Location pit pit gal/min gal/min Mud Wt = 8.4YP=1 Flowline Temperature °F PV=1 **CIRCULATION DATA** n = 0.585 K = 26.6 Depth (ft) 16.029 16.029 Washout = 2% Pump Efficiency = 95% Mud Weight (ppg) 8.4 8.4 Volume to Bit Strokes To Bit Time To Bit Drill String @ 73 °F 27 27 Funnel Vis (sec/qt) Bottoms Up Vol. BottomsUp Stks BottomsUp Time 3 3 600 rpm TotalCirc.Vol. 105.0 bbl TotalCirc.Stks Total Circ. Time 300 rpm 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 100 rpm 1 1 Drill Pipe 4.500 3.826 Shaker 1 170 1 1 Hevi Wt Shaker 2 170 6 rpm 1 Shaker 3 3 rpm 1 Collars 170 @ 120 °F 1 1 Centrifuge 1 Plastic Viscosity (cp) 1 1 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 1/1 1/1 OD (in.) Gel Strength (lb/100 ft2) 10 sec / 10 min Casing ID (in.) Depth Top **VOLUME ACCOUNTING (bbls)** 30 min 1 1 Gel Strength (lb/100 ft2) Riser API Filtrate / Cake Thickness Surface 10 1/2 2.991' Prev. Total on Location 1583.8 7 5/8 6.875 10,273' 916.0 HTHP Filtrate / Cake Thickness Int. Csq. Transferred In(+)/Out(-) Retort Solids Content 0.4% 0.4% Oil Added (+) 17.5 Retort Oil Content Barite Added (+) 99.6% Retort Water Content 99.6% 6.885 16,029 Open Hole Size Other Product Usage (+) 0% 0% **ANNULAR GEOMETRY & RHEOLOGY** 250.0 Sand Content Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) ECD annular velocity depth section ft/min reg lb/gal 8.0 8.0 Lost to Formation -364.5 Alkalinity, Mud Pm 2402.8 Alkalinities, Filtrate Pf/Mf Est. Total on Location Chlorides (ma/L) 400 Est. Losses/Gains (-)/(+) -248.0 **BIT HYDRAULICS DATA** 40 40 Calcium (ppm) Bit H.S.I. Nozzles (32nds) Excess Lime (lb/bbl) Bit ΛP Average Specific Gravity of Solids 2.60 2.60 2.60 16 16 16 Percent Low Gravity Solids 0.4% 0.4% Nozzle 16 16 16 Bit Impact Velocitv Force Percent Drill Solids 0.4% 0.4% (ft/sec) **BIT DATA** Manuf./Type ULTERRA U611S PPA Spurt / Total (ml) @ Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure Sample Taken By A. Romar 6 3/4 16,006 ft 1,300 psi 1,300 psi Afternoon Remarks/Recommendations: Afternoon Rig Activity: Disengage from fish, well had 610 PSI DP pressure, pump 150 bbls 14.7 ppg OBM down drillpipe and 50 bbls 14.7 ppg down casing, well was dead, pull out of hole, pump 9.3 ppg OBM for pipe displacement while tripping. Currently out of hole and make up 6-5/8" overshot for fishing run #2. Pump 40 bbls 14.7 ppg OBM down casing before tripping in hole. Receiving 350 bbls 14.7 OBM and 300 bbls 9.0 OBM from Newpark Madisonville Mud Plant.

TEL: (337) 394-1078

9.4° 4,597' TVD

Operator MAGN	IOLIA C	IL & G	AS	PA	TTERS	ON	County / Paris	HINGT	ON	_	er Start Da 04/22 /		24 hr f	•		Drilled	16,02	9 ft	
Well Name and No.	ODRIC	I UNIT		Rig Name ar	nd No. 248		State T	EXAS		Spud E	Date 04/26/	20	Curren	nt ROP		PO:	OH W	/ FI	SH
Report for				Report for			Field / OSC-G			Fluid T	•		Circula	ating Rate		Circula	ting Press	ure	
Bobby (ol Push	ner		DDINGS			OBN			16 gpm					
			TY SPECII		ı			OLUME (I			PUMP			PUMP #2			ER BO	OST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		52 bbl	Liner	Size	5.25	Line		25	Liner	Size		
9-17	8-35	8-18	>500	±250K	<10 <25	<6	In Hole		2 bbl	Stro	oke	12	Str		2	Stro	ke		
		JD PROP	ERTIES				Active		9 bbl	bbl	/stk	0.0763			763		/stk		
Time Sample						11:30	Storag		42 bbl	stk/	min/	5	stk	/min		stk/	min		
Sample Locati						suction	Tot. on Lo			Ū	/min	16	gal	/min		gal/			
Flowline Temp	erature °F	=					Mud Wt. =	: 16.0 P	V=29	YP	=13	CIRCUI	LATIO	N DATA		n = 0	.757 k	(= 1	90.3
Depth (ft)						16,029'	Bit	Depth = 4			1	shout =	2%				ency =		
Mud Weight (p	ppg)					16.0	Drill String Disp.	Volum	e to Bit	65.8	3 bbl	Strokes	To Bit	862	1	Time ⁻	Γo Bit	172	min
Funnel Vis (se	c/qt)		@ 98 °F			72	ызр.	Bottoms	Up Vol.	121.	4 bbl E	ottomsU	p Stks	1,591	Bottor	nsUp	Time	318	min
600 rpm						71	25.2 bbl	TotalC	irc.Vol.	439.	2 bbl	TotalCir	c.Stks	5,756	Total	Circ.	Time 1	1151	min
300 rpm						42		DRILLII		SEMB	LY DAT	Α		S	OLIDS	S COI	NTROL	•	
200 rpm						32	Tubulars	OD (in.)	ID	(in.)	Lengt	h T	ор	Unit		Scre	ens	Ηοι	ırs
100 rpm						21	Drill Pipe	4.500	3.8	826	4,627	"		Shaker	1	17	70		
6 rpm						7	Hevi Wt					4,0	627'	Shaker	2	17	70		
3 rpm						6	Collars					4,0	627'	Shaker	3	17	70		
Plastic Viscos	ity (cp)		@ 150 °F			29						4,0	627'	Centrifug	je 1				
Yield Point (lb.	/100 ft²)		T0 = 5			13		CAS	NG &	HOLE	DATA								
Gel Strength (lb/100 ft²)	10 s	ec / 10 min			8/11	Casing	OD (in.)	ID	(in.)	Dept	n T	ор						
Gel Strength (lb/100 ft2)	1	30 min			13	Riser							VOLUN	IE AC	COU	NTING	(bbl	s)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F			4.8	Surface	10 1/2			2,991	•		Prev. T	otal o	n Loc	ation	19	70.5
HTHP Cake T	hickness	(32nds)				2.0	Int. Csg.	7 5/8	6.8	875	10,27	3'		Transfe	rred Ir	n(+)/C	Out(-)		
Retort Solids (Content					47%									Oil	Adde	d (+)		
Corrected Soli	ds (vol%)					45.4%								ı	Barite	Adde	d (+)		
Retort Oil Con	tent					37%	Oper	n Hole Siz	e 6.8	885	16,02	9'		Other Pr	oduct	Usag	e (+)		
Retort Water (Content					16%	AN	NULAR (EOME	TRY	& RHEC	LOGY		١	Nater	Adde	d (+)		
O/W Ratio						70:30	annula	ar .	epth	velo	ocity fl	ow E	CD	Le	ft on C	Cutting	gs (-)		
Whole Mud Cl	nlorides (r	ng/L)				40,000	sectio	n	Орш	ft/r	min r	eg lb	/gal	L	ost to	Form	ation		
Water Phase	Salinity (p	pm)				281,620		•			·	•							
Whole Mud Al	kalinity, P	om				2.0	6.875x4	4.5 4	,627'	14	1.5 la	ım 16	6.49	Est. T	otal o	n Loc	ation	19	70.5
Excess Lime (lb/bbl)					2.6 ppb								Est. Loss	ses/Ga	ains (-)/(+)		35.0
Electrical Stab	ility (volts)				488 v								BIT	HYDR	AULI	CS DA	TA	
Average Spec	ific Gravit	y of Solid	s			3.74								Bit H.S.I.	Bit	ΔΡ	Nozzle	s (32	nds)
Percent Low G	Gravity So	lids				9.3%								0.00	р	si	16	16	16
ppb Low Grav	ity Solids					77 ppb								Bit Impact	Noz		16	16	16
Percent Barite						36.1%								Force	Velo (ft/s	•			
ppb Barite						517 ppb	BIT I	DATA	Ма	nuf./T	ype U	TERRA	U611S	1 lbs	4				
Estimated Total	al LCM in	System					Size	Depth In	Нс	ours	Foota	ge ROF	⊃ ft/hr	Motor/M	WD	Calc	. Circ. I	Pres	sure
Sample Taker	Ву					M Washburn	6 3/4	16,006 1	t					1,300 բ	osi		1,436	psi	
Afternoon Rema	arks/Recor	nmendatio	ons:				Afternoon F	Rig Activity			!			ŧ	!				
							1189 mud slow pullir	96, screw down dr ly, displa	into fi Ilpipe ce pipe eceive	ish, pu and 1 e volu ed 540	ull 350k 30 bbls ıme cor) bbls 1	fish bi 16.0 pi stantly	roke f pg kill with 9	oly, ream at ree, Pump mud dowr 9.0 ppg mu 208 bbls 9.	150 b casi d with	obls 1 ng. P n rig	16.0 pp ull out oump v	og ki of h while	ll ole

OUTSOURCE FLUID SOLUTIONS LLC.

92.1° 10,585' TVD

	NOLIA (OIL & (GAS		TTERS	ON		Block HINGTO	N	_	art Date	24 hr	0 ft			16,0	29 ft	t
Well Name and No.	ODRIC	н иміт	Г 2 - 2Н	Rig Name an	d No. 248			EXAS			/26/20		oft/hr			H/FI		1G
Report for	0	, ,	D	Report for	- I D I		Field / OCS-G #	DINIOO		Fluid Type	A/D14	Circu	ating Rate		Circula			
Bobby					ol Pusi	ner		DINGS			WBM		0 gpm				si	
1			RTY SPECIF			1		LUME (BE			UMP #1		PUMP #2			ER B	oos	ΓER
Weight	PV	YP	GELS	pН	API fl	% Solids	In Pits		2 bbl	Liner Siz				.25	Liner	Size		
8.4-9.4	0-10	0-10	<5 <15	8-9	<30	2-10	In Hole		6 bbl	Stroke				12	Stro			
				5/24/20		5/23/20	Active		9 bbl	bbl/stk				763	bbl		0.0	000
Time Sample				1:00		12:30	Storage		12 bbl	stk/mir				0	stk/			
Sample Location				pit		pit	Tot. on Loc	cation 197		gal/mir		, i		0	gal/			0
Flowline Temp	erature °F	F 						PHHP = 0		1		ATION D						6.563
Depth (ft)				16,029'		16,029'	Bit D	Depth = 11	,055 '		Wash	out = 2%		Pump	Effici	ency :	= 95%	Ď
Mud Weight (p	pg)			8.4		8.4	Drill String Disp.	Volume	e to Bit	157.2 b	bl St	rokes To Bi	t		Time 7	To Bit		
Funnel Vis (se	c/qt)		@ 73 °F	27		27	ызр.	Bottoms U	Jp Vol.	290.2 b	bl Botto	omsUp Stks	5	Botto	msUp	Time		
600 rpm				3		3	60.3 bbl	TotalC	irc.Vol.	699.4 b	obl To	talCirc.Stks	5	Tota	al Circ.	Time		
300 rpm				2		2		DRILLIN	G ASS	SEMBLY	DATA		S	OLID	S COI	NTRC	L	
200 rpm				1		1	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scre	ens	Но	ours
100 rpm				1		1	Drill Pipe	4.500	3.	.826	11,055'	0'	Shake	r 1	17	70		
6 rpm				1		1	Hevi Wt					11,055'	Shake	r 2	17	70		
3 rpm				1		1	Collars					11,055'	Shake	r 3	17	70		
Plastic Viscosi	ty (cp)		@ 120 °F	1		1						11,055'	Centrifuç	ge 1				
Yield Point (lb/	100 ft²)		T0 = 1	1		1		CASII	NG & I	HOLE DA	TA							
Gel Strength (I	b/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор						
Gel Strength (I	b/100 ft ²)		30 min	1		1	Riser	0			0'		VOLUN	IE AC	COU	NTING	dd) e	ls)
API Filtrate / C	ake Thick	rness					Surface	10 1/2			2,991'	0'	Prev. 7	Total c	n Loc	ation	24	402.8
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	.875	10,273'	0'	Transfe	erred I	ln(+)/C	Out(-)	7	782.0
Retort Solids C	Content			0.4%		0.4%								Oil	l Adde	d (+)		18.2
Retort Oil Cont	tent													Barite	Adde	d (+)		19.5
Retort Water C	Content			99.6%		99.6%	Oper	n Hole Size	6.	.885	16,029'		Other P	roduct	Usag	e (+)		0.0
Sand Content				0%		0%	ANI	NULAR GI	EOME	TRY & R	HEOLOG	SY.		Water	Adde	d (+)	2	200.0
M.B.T. (Methyl	lene Blue	Capacity	v) (ppb)				annulai	r m	eas.	velocit	y flow	ECD	Le	eft on (Cutting	gs (-)		0.0
рН				8.0		8.0	section	ı de	epth	ft/min	reg	lb/gal	L	ost to	Form	ation	-14	452.0
Alkalinity, Mud	Pm																	
Alkalinities, Fil	trate Pf/M	lf					6.875x4	.5 10	,273'	0.0	lam	8.40	Est. 7	Total c	n Loc	ation	19	970.5
Chlorides (mg/	′ L)			400		400	6.885x4	.5 11	,055'	0.0	lam	8.40	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm)	ı			40		40							BIT	HYDF	RAULI	CS D	ATA	
Excess Lime (I	lb/bbl)												Bit H.S.I.	Bit	ΔΡ	Nozz	les (32	2nds)
Average Speci	ific Gravit	y of Solid	ls	2.60	2.60	2.60							0.00		osi	16	16	16
Percent Low G	Gravity So	lids		0.4%		0.4%							Bit Impact		zzle	16	16	16
Percent Drill S	olids			0.4%		0.4%							Force		ocity sec)			
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Type	e ULTE	RRA U6118	0 lbs		0			
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours F	ootage	ROP ft/h	Motor/M	WD	Calc	. Circ	Pres	sure
Sample Taken	Ву			A. Roman			6 3/4	16,006 ft					1,300	psi				
Remarks/Reco	mmendati	ons:		Ц			Rig Activity:											

OBM RECEIVED: (6544) bbls

OBM On Hand (2169) bbls

Kill mud on Hand----139.bbls //14.7# // \$65.00/bbl

9.3ppg OBM on Hand----0.bbls //// \$65.00/bbl

Discounted OBM on hand - (418bbl--12.3#); (485bbl--10.7#)

Pick up Fishing tools and TIH, Monitor well for any flow or Casing press. increase. Work pipe through dog legs down hole, Pumping 9.3ppg OBM down drill pipe (519bbls), followed by 14.7ppg Kill Mud on back side and DP total (564bbls). For a total 1083bbls OBM Pumped down hole, F/10,430' to 11,060'.

At this time we continue to work DP down hole. The Top of the fish is expected to be around 11,100' (+ -)

Received 479bbls of 14.7ppg OBM (\$65.00), and 303bbls of 9.3ppg (\$65.00). More OBM has been order from Mud Plant

to maintain Volume on hand.

Er	ng. 1:	N	Matt M	leeha	ın	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	none:	9	85-35	1-756	31	Ph	none:	956-8	21-9994	Phone:	432-685-4023	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	elects, however	, no representation	as been prepared on is made as to the	\$74,265.00	\$406,872.87
												INCLUDI	NG 3RD PAR	TY CHARGES	\$75.075.90	\$481.059.39

Item ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50) BENTONE 990 (50)		Unit Cost \$162.83		Received	Closing Inventory	Daily Usage	Daily Cost	CUMI	JLATIVE Cum Cost
ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50)	25# sk 50# sk 5 gal	\$162.83		Received		-	Daily Cost		Cum Cost
ALUMINUM TRISTEARATE SAPP (50) PHPA LIQUID (pail) DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50)	25# sk 50# sk 5 gal	\$162.83	Inventory	Received	Inventory	Usage	Daily Cost	Hoogo	Cuili Cos
SAPP (50) PHPA LIQUID (pail) DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50)	50# sk 5 gal				-			Usage	+
PHPA LIQUID (pail) DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50)	5 gal								1 \$1,379.50
DYNA DET CACL2 (50) LIME (50) BENTONE 910 (50)		\$41.36							2 \$82.72
CACL2 (50) LIME (50) BENTONE 910 (50)	Pali	\$32.23							4 \$128.92
LIME (50) BENTONE 910 (50)		φ32.23							4 \$120.92
LIME (50) BENTONE 910 (50)	50# sk	\$16.60	252		252			32	1 \$5,328.60
BENTONE 910 (50)	50# sk	\$16.60	252		252				0 \$1,500.00
	50# sk	\$5.00 \$59.94	49		49				1 \$1,258.74
	50# sk	\$83.59	53		53				7 \$2,256.93
OPTI G	50# sk	\$30.59	140		140			10	_
OPTI MUL HP		\$10.75	550		550				5 \$4,031.25
OPTI WET	gal gal	\$8.34	515		515				0 \$2,502.00
NEW PHALT	50# sk	\$38.72	90		90				0 \$2,710.40
NEWCARB 200		\$5.25	96		96				4 \$388.50
MAGMAFIBER F (25)	50# sk 25# sk	\$28.05	132		132				2 \$1,739.10
									2 \$1,739.10
OIL SORB (25)	25# sk	\$4.75	40		40				7 0000 50
PHPA LIQUID (pail)	5 gal	\$41.36	90 70		90 70			-	7 \$289.52
GEL (100)	100# sk	¢402.04						<u> </u>	E 00 450 40
BENTONE 38 (50)	50# sk	\$163.94 \$21.47	25		25				5 \$2,459.10 9 \$171.76
CYBERSEAL Evo-Lube	25# sk	\$21.47	240 975		240 975				8 \$171.76 5 \$1,163.75
EVO-Lube	gal	\$9.31	9/5		975			12	5 \$1,163.75
		• • • • • •							
NEW-WATE (SACK BARITE) BARITE BULK (100)	100# sk 100# sk	\$11.50 \$7.00	160 1480		160 1200	280	\$1,960.00	224	5 \$15,715.00
1									
1									
OPTI DRILL (OBM)	bbl	\$65.00	718	782	417	1083	\$70,395.00	454	7 \$295,555.00
Magnolia Owned OBM	bbl							13	0
Discounted High LGS OBM	bbl	\$15.00	903		903			82	1 \$12,315.00
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		2 \$38,850.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		2 \$1,260.00
ENGINEERING (MILES)	each	\$1.00						104	9 \$1,049.00
TRUCKING (cwt)	each	\$2.50						387	
TRUCKING (min)	each	\$795.00							1 \$795.00
PALLETS (ea) SHRINK WRAP (ea)	each	\$12.00						5	
	each	\$12.00							8 \$576.00

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
05/24/20	MAG	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repo	rt #23
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06	5765		5000	765	\$810.90		2301	\$2,439.06
TurboChem First Response	each	\$41.75	420		420				80	\$3,340.00
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11	5545		5545					
	1							_		
	1							_		
	1							_		
	1							_		
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		<u> </u>					<u> </u>	-		
					Daily S	Sub-Total \$	810.90		\$74,1	86.52
								L		
	Cumi	ulative Tota	I AES & 3rd	Party \$481	,059.39					
	Jame			, ψ-101	,,,,,,,,,					

OUTSOURCE FLUID SOLUTIONS LLC.

93.0°

10,583' TVD

	_	OIL &	GAS	Contractor PA	TTERS	ON	County / Parish /	Block	N		4/22/20	24 hr	ftg. Oft		rilled Depth 16,0	29 ft	t
		H UNI	Г 2 - 2Н	Rig Name ar	248			EXAS		_	4/26/20		oft/hr		TIH / F		NG
Report for	Cwinn	/ lamas	Duar	Report for	ol Pusi		Field / OCS-G #	DINGS		Fluid Type	ОВМ	Circul	ating Rate		irculating Pre		
БОВВУ						ier							160 gpm			osi	
10/ - 1 - 1 - 1			1			LITUD		LUME (B			UMP #1	05	PUMP #2		RISER B	0051	EK
Weight			E.S.	CaCl2	GELS	HTHP	In Pits		90 bbl	Liner Si					Liner Size		
9-17	8-35	8-18	>450	±285K 5/25/20	<10 <25	<6 5/24/20	In Hole		76 bbl 39 bbl	Stroke bbl/stl				12	Stroke bbl/stk	0.00	000
Time Camala	Talian						Active							763		0.00	J00
				2:00		11:30	Storage		90 bbl	stk/mi				0	stk/min	0	_
•				Kill Mud		Kill Mud	Tot. on Loc			gal/mi		ŭ		0	gal/min	0	
	perature "i	F		10.000		40.000	D: E	PHHP = 0				ATION DA	1		n = 0.718		
Depth (ft)				16,029'		16,029'	BIT L	Depth = 11		455.71		out = 2%			Efficiency		
			@ 78 °F	16.3		16.0	Drill String Disp.			157.7 k		rokes To Bi			ime To Bit		
`	Sample Taken le Location ne Temperature °F (ft) Veight (ppg) el Vis (sec/qt) om om om om c Viscosity (cp) Point (lb/100 ft²) trength (lb/100 ft²) Filtrate (cm/30 min) C Cake Thickness (32nds) t Solids Content cted Solids (vol%)			85		72		Bottoms				omsUp Stks			ısUp Time		
600 rpm	obby Gwinn/James D MUD PROPERTY ight PV YP 17 8-35 8-18 Sample Taken e Location ae Temperature °F (ftt) /eight (ppg) I Vis (sec/qt) m m M Viscosity (cp) cength (lb/100 ft²) Filtrate (cm/30 min) Cake Thickness (32nds) Solids Content ted Solids (vol%) Oil Content Water Content atio Mud Chlorides (mg/L) Phase Salinity (ppm) Mud Alkalinity, Pom as Lime (lb/bbl) cal Stability (volts) ge Specific Gravity of Solids at Low Gravity Solids at Low Gravity Solids at Barite arite ted Total LCM in System			74		71	60.5 bbl			838.9 k		otalCirc.Stks	1	<u> </u>	Circ. Time		min
300 rpm				45		42				SEMBLY					CONTRO		
200 rpm	wind and No. VI GOODRICH UNIT 2 Tobby Gwinn/James D MUD PROPERTY ight PV YP 17 8-35 8-18 cample Taken e Location e Temperature °F (ft) leight (ppg) Vis (sec/qt) m m m Th Th Th Th Th Th Th T			35		32	Tubulars	, ,		(in.)	Length	Тор	Unit		Screens	Hou	urs
100 rpm	and No. // GOODRICH UNIT 2 // GOODRICH UNIT 2 // GOODRICH UNIT 2 // GOODRICH UNIT 2 // BOODRICH UNIT			25		21	Drill Pipe		3.	826	11,090'	0'	Shaker	r 1	170		
6 rpm	phobby Gwinn/James D MUD PROPERTY ght PV YP 7 8-35 8-18 ample Taken Location a Temperature °F ftt) eight (ppg) Vis (sec/qt) fth fth fth fth fth fth fth fth fth fth			10		7	Hevi Wt					11,090'	Shaker	r 2	170		
3 rpm	MUD PROPERTY ght PV YP 17 8-35 8-18 ample Taken Location e Temperature °F ft) eight (ppg) Vis (sec/qt) ft ft ft ft ft ft ft ft ft ft ft ft ft			8		6	Collars					11,090'	Shaker	r 3	170		
Plastic Viscos	MUD PROPERTY ght PV YP 7 8-35 8-18 ample Taken Location a Temperature °F ftt) eight (ppg) Vis (sec/qt) On 1 On			29		29						11,090'	Centrifuç	ge 1			
Yield Point (lb	MUD PROPERTY ght PV YP 7 8-35 8-18 ample Taken Location e Temperature °F ft) eight (ppg) Vis (sec/qt) n n n n N Control (lb/100 ft²) Filtrate (cm/30 min) Cake Thickness (32nds) Solids Content ed Solids (vol%) Dil Content Water Content atio Mud Chlorides (mg/L) Phase Salinity (ppm) Mud Alkalinity, Pom Lime (lb/bbl) al Stability (volts) e Specific Gravity of Solids of Gravity Solids			16		13		CASI	NG & I	HOLE DA	ATA		_				
Gel Strength ((lb/100 ft²)	10) sec/10 min	10/18		8/11	Casing	OD (in.)	ID	(in.)	Depth	Тор					
Gel Strength ([lb/100 ft ²)		30 min	24		13	Riser	0			0'		VOLUN	ME ACC	OUNTIN	G (bbl	s)
HTHP Filtrate	re Temperature °F (ft) Veight (ppg) I Vis (sec/qt) m m m c Viscosity (cp) Point (lb/100 ft²) Filtrate (cm/30 min) Cake Thickness (32nds) Solids Content cted Solids (vol%) Oil Content Water Content					4.8	Surface	10 1/2			2,991'	0'	Prev. 7	Total on	Location	19	970.5
HTHP Cake T	hickness	(32nds)				2.0	Int. Csg.	7 5/8	6.	875	10,273'	0'	Transfe	erred In	(+)/Out(-)	15	537.0
Retort Solids	Content			48%		46%								Oil A	Added (+)		79.6
Corrected Sol	ids (vol%)			46.5%		44.4%								Barite A	Added (+)		27.8
Retort Oil Cor	ntent			38%		38%	Oper	n Hole Siz	e 6.	885	16,029'		Other Pi	roduct l	Jsage (+)		0.0
Retort Water	Content			14%		16%	ANI	NULAR G	EOME	TRY & R	HEOLOG	ЭΥ		Water A	Added (+)		90.8
O/W Ratio				73:27		70:30	annulai		neas.	veloci	-	ECD	Le	eft on C	uttings (-)		0.0
Whole Mud C	hlorides (r	ng/L)		36,000		40,000	section	n d	lepth	ft/mir	n reg	lb/gal	L	ost to F	ormation	-8	349.5
Water Phase	Salinity (p	pm)		287,354		281,620											
Whole Mud A	lkalinity, P	om		2.0		2.0	6.875x4	.5 10),273'	145.4	4 lam	17.05	Est. T	Total on	Location	28	356.3
Excess Lime ((lb/bbl)			2.6 ppb		2.6 ppb	6.885x4	.5 11	1,090'	144.6	6 lam	17.08	Est. Los	ses/Ga	ins (-)/(+)		0.0
Electrical Stat	oility (volts)		465 v		488 v							ВІТ	HYDR	AULICS [ATA	
Average Spec	Cake Thickness (32nds) Solids Content ed Solids (vol%) Dil Content Water Content Mud Chlorides (mg/L) Phase Salinity (ppm) Mud Alkalinity, Pom Lime (lb/bbl) al Stability (volts) e Specific Gravity of Solids t Low Gravity Solids w Gravity Solids			3.78		3.82							Bit H.S.I.	Bit ∆	P Nozz	zles (32	2nds)
Percent Low 0	Location Temperature °F) ight (ppg) /is (sec/qt) fiscosity (cp) int (lb/100 ft²) Ingth (lb/100 ft²) Itrate (cm/30 min) ake Thickness (32nds) olids Content d Solids (vol%) il Content // ater Content find Chlorides (mg/L) hase Salinity (ppm) lud Alkalinity, Pom Lime (lb/bbl) I Stability (volts) Specific Gravity of Solids Low Gravity Solids Gravity Solids Barite tee dd Total LCM in System Taken By			8.4%		7%							0.07	28 p	osi 16	16	16
ppb Low Grav	ity Solids			69 ppb		57 ppb							Bit Impact	Nozz Veloc		16	16
Percent Barite)			38.1%		37.4%							Force	(ft/se	-		
ppb Barite				546 ppb		537 ppb	BIT D	ATA	Ma	anuf./Typ	e ULTE	RRA U6115	59 lbs	44			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	n Ho	ours	Footage	ROP ft/hi	Motor/M	WD	Calc. Circ	. Pres	sure
Sample Taker	n By			A. Roman	0	M Washburn	6 3/4	16,006 f	t				1,300	psi	2,14	5 psi	
Remarks/Reco	mmendati	one.	_			_	Rig Activity:					_	_				

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2180 bbls (storage + pits 5/6/7)

OBM Kill mud on Hand----260bbls //14.4# // \$65.00/bbl

OBM (LIGHT WT) on Hand----510bbls //9.7#// \$15.00/bbl

Discounted OBM on hand - (510bbl--12.7#); (510bbl--12.5#)

Rig Activity:

POOH with fishing tools, 2nd attempt to retrieve fish unsuccesfull. Re-set fishing tools and TIH to the top of the fish for a 3rd attempt to retrieve same. Prior to POOH on 2nd attempt, Kill the well: 150bbls/16# on DP - 130bbls/16# on Back Side - 80bbls/9.1# to fill trip; & 100bbls/16# to kill well periodicaly while POOH. TIH for 3rd attempt, @ 5000' - Pumped 76bbls/14.7# on DP - 206bbls/14.7# on Back Side. Resume TIH, tag top of fish @ 11,100'. Hooked on fish and begin POOH at slow speed. Monitor well for any pressure increase and consequently pump Kill mud (16#) to control same. OBM received 1537bbls.

E	ng. 1:	Ν	/latt N	leeha	n	Er	ng. 2:	Adolf	o Roman	WH 1:	•	3	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	85-35	1-756	31	Pł	none:	956-8	321-9994	Phone:	432-685	-4023	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 2	G 1	H 1	O 0	carefully	and may be	used if the	user so ele			as been prepared on is made as to the	\$52,940.00	\$459,812.87
													INCLUD	ING 3RD PART	TY CHARGES	\$56,485.70	\$537,545.09

	Operator MAG I	NOLIA OIL	& GAS	Well Name a	DDRICH UN	NT 2 - 2H	Rig Name and N 248	o. Report No. Repo	ort #24
	DAILY	USAGE 8	COST					СПМП	LATIVE
ltom	Heit	Unit Coot	Previous	Dessived	Closing	Daily	Daily Coat	Cum	Cum Coa
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	\$128.9
21212 (22)		***							4
CACL2 (50)	50# sk	\$16.60	252		252			321	
LIME (50)	50# sk	\$5.00	250		250			300	<u> </u>
BENTONE 910 (50)	50# sk	\$59.94	49		49			21	
BENTONE 990 (50)	50# sk	\$83.59	53		53			27	- ' '
OPTI G	50# sk	\$30.59	140		140			100	\$3,059.0
OPTI MUL HP	gal	\$10.75	550		550			375	\$4,031.2
OPTI WET	gal	\$8.34	515		515			300	\$2,502.0
NEW PHALT	50# sk	\$38.72	90		90			70	\$2,710.4
NEWCARB 200	50# sk	\$5.25	96		96			74	\$388.5
MAGMAFIBER F (25)	25# sk	\$28.05	132		132			62	
OIL SORB (25)	25# sk	\$4.75	40		40			52	, .,. 50.1
PHPA LIQUID (pail)	5 gal	\$41.36	90		90			7	\$289.5
		φ41.30						├	φ∠09.5
GEL (100)	100# sk	A4	70		70			-	00.17-
BENTONE 38 (50)	50# sk	\$163.94	25		25			15	
CYBERSEAL	25# sk	\$21.47	240		240			8	<u> </u>
Evo-Lube	gal	\$9.31	975		975			125	\$1,163.7
<u> </u>		<u> </u>		<u> </u>	<u> </u>				
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				1
BARITE BULK (100)	100# sk	\$7.00	1200		800	400	\$2,800.00	2645	\$18,515.0
	100# 3K	ψ1.00	1200		300	+00	<u>,000.00</u>	2040	ψ 10,010.0
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DPTI DRILL (OBM)	bbl	\$65.00	417	1074	749	742	\$48,230.00	5289	\$343,785.0
OPTI DRILL (OBM)	bbl	\$65.00	417	1074	749	742	\$48,230.00	5289	\$343,785.0
	bbl	\$65.00	417	1074	749	742	\$48,230.00	5289	
OPTI DRILL (OBM) Magnolia Owned OBM		\$65.00	417	1074	749	742	\$48,230.00		
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
		\$65.00 \$15.00	903	1074	749	742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM	bbl					742	\$48,230.00	130	
Magnolia Owned OBM Discounted High LGS OBM	bbl	\$15.00						130 821	\$12,315.0
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR)	bbl	\$15.00 \$15.00 \$925.00				2	\$1,850.00	130 821	\$12,315.0
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$15.00 \$925.00 \$30.00						130 821	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$15.00 \$925.00				2	\$1,850.00	130 821	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0
Magnolia Owned OBM	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00				2	\$1,850.00	130 821	\$12,315.0
Agnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00				2	\$1,850.00	130 821	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0
Agnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00				2	\$1,850.00	130 821	\$12,315.0
Alagnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00	130 821 44 44 1049	\$12,315.0 \$12,315.0 \$1,320.0 \$1,320.0 \$1,049.0
Agnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00				2	\$1,850.00	130 821 44 44 1049	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0 \$1,049.0 \$9,696.0
Alagnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) RUCKING (cwt) FRUCKING (min)	each bbl each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00				2	\$1,850.00	130 821 44 44 1049	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0 \$1,049.0 \$9,696.0 \$795.0
Agnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00 \$12.00				2	\$1,850.00	130 821 44 44 1049 3878 1	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0 \$1,049.0 \$1,049.0 \$9,696.0 \$795.0 \$612.0
Agnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00				2	\$1,850.00	130 821 44 44 1049	\$12,315.0 \$12,315.0 \$40,700.0 \$1,320.0 \$1,049.0 \$1,049.0 \$9,696.0 \$795.0 \$612.0

Date	Operator			Well Name a	ınd No.		Rig Name an	d No.	Report No.	
05/25/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repo	rt #24
	DAILY	USAGE 8	& COST						CUMUI	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06	5000		1655	3345	\$3,545.70		5646	\$5,984.76
TurboChem First Response	each	\$41.75	420		420				80	\$3,340.00
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11	5545		5545					
								•		
								•		
								-		
								-		
								-		
								-		
					Daily S	ub-Total \$3	3,545.70		\$77,7	32.22
	_									
	Cumi	ulative Total	AES & 3rd	Party \$537	,545.09					
	_					•				

TEL: (337) 394-1078

93.1° 10,583' TVD

Operator MAGN	IOLIA C	OIL & C	SAS	Contractor PA	TTERS	ON	County / Paris	HINGTO	N	_	or Start Date 04/22/2		24 hr fi			Orilled [16,02	9 ft	
Well Name and No.	ODRIC	ı UNIT	2 - 2H	Rig Name ar	nd No. 248		State T	EXAS		Spud Da	^{ate} 04/26/2	20	Curren	t ROP	A	JA	R ON	FIS	Н
Report for Bobby (Swinn/	lamos	Dyor	Report for	ol Pusi	oor	Field / OSC-G	# DDINGS		Fluid Ty	rpe OBM			iting Rate 160 gpm		Circulat	ing Press	ure	
Борру			TY SPECI			iei		DLUME (B	DI \		PUMP #	1		PUMP #2		DIGI	ER BO	OST	ED
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	0 bbl	Liner		5.25	Line		25	Liner		031	LIX
9-17	8-35	8-18	>450	±285K	<10 <25	<6	In Hole		6 bbl	Stro		12	Stro		2	Stro			
3-11			PERTIES	±20510	<10 <23	~0	Active		0 bbl	bbl/		.0763			763	bbl/			
Time Sample		JE I KO	LITTLO	2:00		12:30	Storag		00 bbl	stk/r		50		min 0.0	700	stk/r			
Sample Locati				Kill Mud		Kill Mud	Ĭ	cation 285		gal/r		160		/min		gal/ı			
Flowline Temp		=		TKIII IVIUG		TKIII IVIUU	Mud Wt. =			YP=			ŭ	N DATA			.718 k	(– 2	61.3
Depth (ft)	erature i			16,029'		16,029'		Depth = 11				shout =			Pump E				
Mud Weight (r	na)			16.3		16.4	Dit L	Volume		157 (Strokes						41 n	
Funnel Vis (se	,		@ 85 °F	85		83	Drill String Disp.	Bottoms U							Bottom			76 n	
600 rpm	(c/qt)		₩ 00 T	74		73	60.5 bbl	TotalCi				ttomsUp FotalCire				·	Time		
300 rpm				45		44	00.5 001	DRILLIN					J.JIKS	·	OLIDS				
200 rpm				35		34	Tubulara	OD (in.)		(in.)	Length		ор	Unit		Scre		Hou	ıre
100 rpm				25		25	Drill Pipe	` ,		826	11,107		ор	Shaker		17		1100	113
6 rpm				10		9	Hevi Wt		0.0	020	11,107		107'	Shaker		17			
3 rpm				8		8	Collars					,	107'	Shaker		17			
Plastic Viscos	ity (op)		@ 150 °F	29		29	Collais						107'	Centrifuc		''	O		
Yield Point (lb.	,		T0 = 6			15		CASII	NG &	HOLE	DΔTΔ		107	Centinag	,c 1				
Gel Strength (10	sec / 10 min	10/18		10/16	Casing			(in.)	Depth	Т	ор						
Gel Strength (30 min	24		20	Riser	OB (III.)	,D	(111.)	Борит		ОР	VOLUM	IF ACC	OUN	ITING	(hhl	e)
HTHP Filtrate			@ 300 °F			4.8		10 1/2			2,991'			Prev. T					70.5
HTHP Cake T						2.0	Int. Csg.	7 5/8	6.8	875	10,273			Transfe					37.0
Retort Solids ((0211d0)		48%		48.5%	ini. oog.	. 0/0	0		.0,2.0			Transio		Adde	,		79.6
Corrected Soli				46.5%		47%								ı	Barite A		` ,		27.8
Retort Oil Con	,			38%		37.5%	Oper	Hole Size	. 6.8	885	16,029			Other Pr			` ,		
Retort Water (14%		14%	'	NULAR G		TRY 8	RHEOI	OGY			Nater A	J	` '		90.8
O/W Ratio				73:27		73:27				Ι.			20		ft on C		` ,		
Whole Mud Cl	nlorides (r	ng/L)		36,000		38,000	annula section	1 06	epth	velo ft/m	-		CD gal		ost to F	Ĭ	, , ,	-8	49.5
Water Phase	•	-		287,354		298,552													
Whole Mud Al		<u> </u>		2.0		2.0	6.875x4	l.5 10	,273'	145	5.4 lar	n 17	.05	Est. T	otal on	Loca	ation	28	56.3
Excess Lime (2.6 ppb		2.6 ppb	6.885x4		,107'	144			.08	Est. Loss			_		-0.1
Electrical Stab)		465 v		488 v									HYDR	•	,		
Average Spec	-	,	ds	3.78		3.77								Bit H.S.I.	Bit A		Nozzle		nds)
Percent Low 0				8.4%		8.9%								0.07	28 p	-		16	16
ppb Low Grav				69 ppb		73 ppb								Bit Impact	Nozz	zle		16	16
Percent Barite				38.1%		38%								Force	Veloc (ft/se	-			
ppb Barite				546 ppb		546 ppb	BIT [DATA	Ма	nuf./Ty	/pe UL	ΓERRA Ι	J611S	59 lbs	44	´ -			
Estimated Total	al LCM in	System					Size	Depth In	Но	ours	Footage	ROF	ft/hr	Motor/M\	WD	Calc.	Circ. I	Press	sure
Sample Taker	Ву			A. Roman		M Washburn	6 3/4	16,006 ft						1,300 p	osi		2,146	psi	
Afternoon Rema	arks/Recor	nmendat	ions:	1	1		Afternoon F	Rig Activity:	1			· ·		l	Į.				
							diese ppg well.	el displace kill mud d Periodica	e with own c aly pui	water asing mp wa	outside then po ter dow	bit and ump 27 n the d	d BH/ '0 bbl Irillpip	on stuck pi A in annulu s 10.3 ppg oe to activto \$15.00 /bl	is. Pur down e agita	mp 1 drill _l	22 bbl pipe to	s 16 kill	.4

OUTSOURCE FLUID SOLUTIONS LLC.

93.0°

10,583' TVD

Operator MAGI	NOLIA (OIL & C	BAS	Contractor PA	TTERS	ON	County / Parish /	Block HINGTOI		-	Start Date 14/22/2		4 hr ftg.) ft	Di	16,0	29 ft	t
Well Name and No.		H UNIT	2 - 2H	Rig Name an	248			EXAS		_	4/26/2	20	_	ft/hr			k Pip	е
Report for Bobby	Gwinn	lamos	Dyor	Report for	ol Pusi	or	Field / OCS-G #	DINGS		Fluid Type	• OBM		irculating Ra	ate gpm		rculating Pro	ssure	
Волоу			TY SPECIF			ici		LUME (BE	N)		PUMP#			MP #2		RISER E	OOST	ΓFR
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		2 bbl	Liner			Liner Size			iner Size		
9-17	8-35	8-18	>450	±250K	<10 <25	<6	In Hole		bbl 6	Strok		12	Stroke		2	Stroke		
- • · · ·			1	5/26/20		5/25/20	Active		1 bbl	bbl/s		0.0763	bbl/stk	0.0		bbl/stk	0.00	000
Time Sample	Taken			2:00		12:30	Storage		2 bbl	stk/m		50	stk/min	(stk/min		
Sample Locati				suction		Kill Mud	Tot. on Lo	cation 329		gal/n	nin	160	gal/min	(gal/min	0	o
Flowline Temp	erature °F	 F						PHHP = 0			CIRC	ULATION	DATA		r	= 0.747	K = 13	35.177
Depth (ft)				11,090'		16,029'	Bit D	Depth = 11,	090 '		Wa	shout = 2	!%	F	Pump E	fficiency	= 95%	ó
Mud Weight (p	ppg)			10.5		16.4	Drill String	Volume	to Bit	157.7	bbl	Strokes To	Bit 2,	,067	Ti	me To Bit	41 r	min
Funnel Vis (se	ec/qt)		@ 85 °F	72		83	Disp.	Bottoms U	p Vol.	291.2	bbl Bo	ottomsUp S	Stks 3,	,815	Bottom	sUp Time	76 r	min
600 rpm				47		73	60.5 bbl	TotalCi	rc.Vol.	1020.9) bbl	TotalCirc.S	Stks 13	3,378	Total (Circ. Time	268	min
300 rpm				28		44		DRILLIN	G ASS	SEMBL'	Y DATA			S	OLIDS	CONTRO	DL	
200 rpm				20		34	Tubulars	OD (in.)	ID	(in.)	Length	h Top)	Unit	;	Screens	Hou	urs
100 rpm				14		25	Drill Pipe	4.500	3.8	826	11,090	0'	5	Shaker	1	170		
6 rpm				7		9	Hevi Wt					11,09	90' 8	Shaker	2	170		
3 rpm				5		8	Collars					11,09	90' \$	Shaker	3	170		
Plastic Viscos	ity (cp)		@ 150 °F	19		29						11,09	90' Ce	entrifug	je 1			
Yield Point (lb.	/100 ft²)		T0 = 3	9		15		CASIN	IG & F	HOLE D	ATA							
Gel Strength (lb/100 ft²)	10	sec/10 min	8/14		10/16	Casing	OD (in.)	ID	(in.)	Depth	тор)					
Gel Strength (lb/100 ft ²)		30 min	19		20	Riser	0			0'		٧	OLUM	IE ACC	OUNTIN	G (bbl	is)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.0		4.8	Surface	10 1/2			2,991	' 0'	ı	Prev. T	otal on	Location	28	856.3
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,273	3' 0'	Т	ransfe	rred In(+)/Out(-)	8	811.0
Retort Solids (Content			30%		48.5%									Oil A	dded (+)	1	171.4
Corrected Soli	ds (vol%)			28.2%		47%								E	Barite A	dded (+)		13.9
Retort Oil Con	tent			48%		37.5%	Oper	n Hole Size	6.8	885	16,029	9'	O	ther Pr	oduct L	lsage (+)		5.3
Retort Water (Content			22%		14%	ANI	NULAR GE	OME	TRY &	RHEOL	OGY		٧	Nater A	dded (+)	5	564.3
O/W Ratio				69:31		73:27	annulai	r me	eas.	veloc	-	ow ECE	5	Let	ft on Cu	ıttings (-)		0.0
Whole Mud Cl	nlorides (n	ng/L)		45,000		38,000	section	ı de	pth	ft/m	in re	eg lb/ga	al	Lo	ost to F	ormation	-11	132.0
Water Phase	Salinity (p	pm)		242,851		298,552												
Whole Mud Al	kalinity, P	om		1.0		2.0	6.875x4	.5 10,	273'	145	.4 la	m 10.9	4	Est. T	otal on	Location	32	290.3
Excess Lime (lb/bbl)			1.3 ppb		2.6 ppb	6.885x4	.5 11,	090'	144	.6 la	m 10.9	5 Es	st. Loss	ses/Gai	ns (-)/(+)		0.0
Electrical Stab	oility (volts))		450 v		488 v								BIT	HYDRA	ULICS)ATA	
Average Spec	ific Gravity	y of Solid	S	3.44		3.77							Bit	H.S.I.	Bit ∆	P Noz	zles (32	2nds)
Percent Low 0	Gravity Sol	lids		10.7%		8.9%							0	0.05	18 p	_	16	16
ppb Low Grav	ity Solids			88 ppb		73 ppb								mpact	Nozz Veloc		16	16
Percent Barite	1			17.5%		38%								orce	(ft/se	c)	\sqcup	
ppb Barite				251 ppb		546 ppb	BIT D	l		anuf./Ty		TERRA U6		3 lbs	44			Щ
Estimated Tot		System	ppb				Size	Depth In		ours	Footag	je ROP f		otor/M\		Calc. Circ		
Sample Taker				A. Roman	0	M Washburn	6 3/4	16,006 ft					1	,300 p	osi	1,81	6 psi	
Remarks/Reco	mmendation	ons:					Rig Activity:											

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2614 bbls (storage + Active)

OBM Kill mud on Hand----720bbls //14.4# // \$65.00/bbl

Continue working jar's on stuck pipe with fishing tools, attempting unsuccessfully to free up stuck pipe, Mixing Mud in the storage tanks for up-coming operations. LCM Isolation plug mixed in slug tank with--80bbls OBM 9.5ppg + (25ppb-Mag.Fiber / 15ppb CalCarb M / 30ppb First Response). 10.5ppg OBM transfer to Active pits for circulation of well bore, following hesitation squeeze of previous LCM plug. At this time LCM Pill is down hole, holding 260psi on standpipe pressure. Begin Hesitation squeeze.

Discounted OBM on hand - (433bbl--12.7#); (489bbl--13.5#)

	ng. 1: Phone:		leeha 51-756		9		o Roman 321-9994		PLEASANTON 432-685-4023	WH 2: Phone:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
-	P 1					O 0	Any opir carefully	nion and or re and may be	ecommendation, exp	pressed orally of elects, however	r, no representation	as been prepared on is made as to the	\$36,532.00	\$496,344.87
										INCLUD	ING 3RD PAR	TY CHARGES	\$55,118.63	\$592,663.72

Date 05/26/20	Operator MAG I	NOLIA OIL		Well Name a	na 180. D DRICH UN	IIT 2 - 2H	Rig Name ar 2	48	Report No. Repo	rt #25
	l .	USAGE 8					I			LATIVE
			Previous		Closing	Daily			Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SAPP (50)	50# sk	\$44.50							31	
PHPA LIQUID (pail)	5 gal	\$41.36							2	· ·
DYNA DET	pail	\$32.23						-	4	\$128.9
								-		
CACL2 (50)	50# sk	\$16.60			252				321	
LIME (50)	50# sk	\$5.00	250		250				300	\$1,500.0
BENTONE 910 (50)	50# sk	\$59.94	49		49				21	\$1,258.7
BENTONE 990 (50)	50# sk	\$83.59	53		53				27	<u> </u>
OPTI G	50# sk	\$30.59	140		140			1	100	<u> </u>
OPTI MUL HP	gal	\$10.75	550		550			1	375	
OPTI WET	gal	\$8.34	515		515			1	300	
NEW PHALT	50# sk	\$38.72	90		90				70	<u> </u>
NEWCARB 200	50# sk	\$5.25	96		72	24	·		98	
MAGMAFIBER F (25)	25# sk	\$28.05	132		62	70	\$1,963.50	4	132	\$3,702.6
OIL SORB (25)	25# sk	\$4.75	40		40			4		
PHPA LIQUID (pail)	5 gal	\$41.36	90		90			4	7	\$289.5
GEL (100)	100# sk		70		70			4		<u> </u>
BENTONE 38 (50)	50# sk	\$163.94	25		25			4	15	
CYBERSEAL	25# sk	\$21.47	240		240			4	8	· ·
Evo-Lube	gal	\$9.31	975		975				125	\$1,163.7
								-		
NEW-WATE (SACK BARITE) BARITE BULK (100)	100# sk 100# sk	\$11.50 \$7.00		921	160 1521	200	\$1,400.00		2845	\$19,915.0
								=		
								=		
								_		
OPTI DRILL (OBM)	bbl	\$65.00	749	378	890	237	\$15,405.00		5526	\$359,190.0
Magnolia Owned OBM	bbl								130	
Discounted High LGS OBM	bbl	\$15.00	1366	443	914	895	\$13,425.00		1716	\$25,740.0
-				-				- - -		
								-		
								-		
ENGINEERING (ALLIE)		#00F ==					# 4.050 5	-		040 55
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00				2	\$1,850.00 \$60.00	-		\$42,550.0 \$1,380.0
ENGINEERING (DIEM)	each	\$1.00				2	\$60.00		1049	
								_		
FRUCKING (cwt)	each	\$2.50 \$795.00				921	\$2,302.50		4799 1	\$11,998.5 \$795.0
	each	a/95.00	ı				ı		. 1	a/95.0
										00400
TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.00 \$12.00						•	51 48	

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
05/26/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #25
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91						-		
Diesel 5/6/20	gal	\$0.90						-	5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06	1655			1655	\$1,754.30		7301	\$7,739.06
TurboChem First Response	each	\$41.75			350	70	\$2,922.50		150	
TurboChem Pallets	each	\$20.00			8				2	
TurboChem Shrink Wrap	each	\$20.00	8		8				2	
Diesel 5/22/20	gal	\$1.11	5545			5545			5545	
DIESEL 5/25/20	gal	\$1.12		7404	480	6924	\$7,754.88		6924	\$7,754.88
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								_		
								_		
								<u> </u>		
								<u> </u>		
					Daily St	ıb-Total \$1	8.586.63		\$96.3	18.85
					24.1, 00	στωι ψ1	-,	L	+00,0	
	Cumi	ulative Total	I AES & 3rd	Party \$592	2,663.72					
	<u> </u>									

TEL: (337) 394-1078

92.1° 10,585' TVD

Operator MAGN	IOLIA C	OIL & G	SAS	Contractor PA	TTERS	ON	County / Paris	HINGTO	N	_	or Start Date	0	24 hr ft			Orilled E	16,02	9 ft	
Well Name and No.	ODRIC	H UNIT	2 - 2H	Rig Name ar	nd No. 248		State T	EXAS		Spud Da	^{ate} 04/26/20	0	Current	t ROP		ctivity	: ABO\	/E F	ISH
Report for	Cwinn/	lomoo	Dvor	Report for	ol Pusł		Field / OSC-G	# DDINGS		Fluid Ty	obm			ting Rate			ing Press		
Bobby (TY SPECI			ier		DLUME (BI	DI \		PUMP #1	ı		189 gpm PUMP #2	1		, 980 ER BO	•	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	bbl	Liner		.25	Liner	Size 5.	25	Liner		001	LIX
9-17	8-35	8-18	>450	±250K	<10 <25	<6	In Hole		bbl bbl	Stro		12	Stro		2	Stro			
9-17			PERTIES	±23UK	< 10 <25	<0	Active		9 bbl	bbl/s		0763		/stk 0.0		bbl/s			
Time Sample		JD FROI	LKTILS	2:00		13:30	Storag		2 bbl	stk/r		59		min 0.0	703	stk/r			
Sample Locati				suction		pit	Tot. on Loc		0 bbl	gal/r		89		min		gal/r			
Flowline Temp		=		Suction		105 °F	Mud Wt. =			YP:				N DATA			.747 K		35.2
Depth (ft)	erature i			11,090'		11,090'		Depth = 11,		11.		nout =					ency =		
Mud Weight (p)na)			10.5		10.5		Volume		157.3		trokes					o Bit		
- "	,		@ 90 °F	72		64	Drill String Disp.							,					
Funnel Vis (se 600 rpm	:o/qt <i>)</i>		e a∩ L	47		40	60.3 bbl	Bottoms U TotalCir				tomsUp		3,803 13,359	Bottom	·	Time	64 n	
300 rpm				28		24	100.5001	DRILLING				otalCirc	.SIKS	<i>'</i>			ITROL		11111
200 rpm				20		16	Tubulara	OD (in.)		(in.)	Length	To	nn.	Unit	OLIDO	Scre		Hou	ıre
100 rpm				14		11	Drill Pipe	, ,		(in.) 326	11,054'	10	7 P	Shaker	1	17		1 100	пЭ
6 rpm				7		5	Hevi Wt		3.0	<i>,</i> 20	11,004	11,()5⊿'	Shaker		17			
3 rpm				5		4	Collars					11,0		Shaker		17			
•	ity (op)		@ 150 °F	19		16	Collais					11,0		Centrifuc		17	U		
Plastic Viscosi Yield Point (lb/	• • • • • • • • • • • • • • • • • • • •		T0 = 3			8		CASIN	IG & I	HOL F	DATA	11,0	754	Centinug	je i				
Gel Strength (10.6	sec / 10 min	8/14		4/6	Casing			(in.)	Depth	To	nn.						
Gel Strength (30 min	19		9	Riser	OD (III.)	יטו	(111.)	Берит	10	γp	VOLUM	IF ACC	· OUN	ITING	(hhle	e)
HTHP Filtrate			@ 300 °F			6.0		10 1/2			2,991'			Prev. T					90.3
HTHP Cake TI			@ 300 T	2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,273'			Transfe				32.	90.5
Retort Solids ((SZIIUS)		30%		28%	iii. Osg.	7 5/6	0.0	373	10,273			Hansie		Addeo	.,		
Corrected Soli				28.2%		26.3%								,	Barite A		. ,		
Retort Oil Con				48%		52%	Oner	Hole Size	6.8	385	16,029'			Other Pr			. ,		
Retort Water (22%		20%	'	NULAR GE				OGY			Vater A	Ū	. ,		
O/W Ratio	Jonichi			69:31		72:28									ft on C		. ,		
Whole Mud Ch	olorides (r	na/L)		45,000		43,000	annula section	a de	pth	velo ft/m	-				ost to F	_			
Water Phase S	•			242,851		252,134						1				0			
Whole Mud Al		. ,		1.0		1.5	6.875x4	I.5 10	273'	171	I.6 lam	10.	.95	Fst T	otal on	Loca	ation	329	90.3
Excess Lime (1.3 ppb		2 ppb	6.885x4	,	054'	170				Est. Loss			_		0.2
Electrical Stab)		450 v		410 v		,									CS DA	TA	
Average Spec	-	•	ds	3.44		3.77								Bit H.S.I.	Bit /		Nozzle:		nds)
Percent Low G			-	10.7%		4.9%								#DIV/0!	#DIV	F		\ <u>-</u> -	
ppb Low Gravi				88 ppb		41 ppb									Nozz			1	
Percent Barite				17.5%		21.4%								Bit Impact Force	Veloc (ft/se	city	+	\dashv	
ppb Barite				251 ppb		307 ppb	BIT [DATA	Ma	nuf./T\	/pe ULT	ERRA L	J611S	#DIV/0!	,	-,	+	-	
Estimated Total	al LCM in	System					Size	Depth In		urs	Footage	T		Motor/M\	WD	Calc.	Circ. F	ress	sure
Sample Taken		-		A. Roman		M Washburn	6 3/4	16,006 ft			Ü			1,300 p	osi		#DIV/	0!	
Afternoon Rema		nmendati	ons:	<u>I</u>	<u>I</u>	<u> </u>	Afternoon F		<u> </u>			1		<u>'</u>					
							After pres 10.5 10.5	spot 69 b sure contil around th , beging w	nued ru che eighti espor	to dro oke 18 ing up nse LO	pp, diseng 850 units to 10.7, CM. Cont	gage from maxiron pump inue to	rom fi mum 60 bl	32 bbls o ish @ 110 gas, weigh bls 14.7 ki ulate thru tem.	01, sh nt up e II mud	ut in ntire dow	well, c syster n drillp	ircul n to ipe v	

OUTSOURCE FLUID SOLUTIONS LLC.

0.4°

8,955' TVD

Operator MAG	NOLIA (OIL & (GAS	Contractor PA	TTERS	ON	County / Parish /	Block HINGTO	N	Engineer Star	t Date	24 hr f	tg. Oft		Drilled D	Depth	00 ft
Well Name and No		H UNI	Г 2 - 2Н	Rig Name ar	nd No.		State T I	EXAS		Spud Date 04/	26/20	Currer	nt ROP O ft/hr	,	Activity	PO	ЭН
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate		Circulati		_
Bobby	Gwinn/	James	s Dyer	To	ol Pusi	ner	GID	DINGS		0	ВМ		128 gpi	m		р	si
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PU	MP #1		PUMP #	2	RISE	ER BO	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	77	'1 bbl	Liner Size	5.2	5 Line	r Size	5.25	Liner	Size	
9-17	8-35	4-18	>400	±250K	<10 <25	<6	In Hole	45	9 bbl	Stroke	12	Str	roke	12	Stro	ke	
				5/27/20		5/26/20	Active	113	35 bbl	bbl/stk	0.07	63 bb	l/stk 0.	0763	bbl/s	stk	0.0000
Time Sample	Taken			2:00		13:30	Storage	<u>17</u>	45 bbl	stk/min	40	stk	/min	0	stk/r	min	
Sample Locat	ion			suction		pit	Tot. on Lo	cation 29	75 bbl	gal/min	12	gal	l/min	0	gal/r	min	0
Flowline Temp	oerature °F	=		120 °F		105 °F		PHHP = 0)	(CIRCULA	TION DA	ATA		n = 0	.686	K = 162.785
Depth (ft)				10,250'		11,090'	Bit I	Depth = 9,	,000 '		Washo	ut = 0%		Pump	Efficie	ency =	95%
Mud Weight (ppg)			10.7		10.5	Drill String	Volum	e to Bit	128.0 bb	l Stro	kes To Bit	1,677		Time T	o Bit	42 min
Funnel Vis (se	ec/qt)		@ 100 °F	58		64	Disp.	Bottoms	Up Vol.	236.2 bb	Bottor	nsUp Stks	3,095	Botto	msUp [·]	Time	77 min
600 rpm				37		40	49.1 bbl	TotalC	irc.Vol.	1135.2 bb	ol Tota	alCirc.Stks	14,876	Tota	al Circ.	Time	372 min
300 rpm				23		24		DRILLIN	IG ASS	SEMBLY D	ATA			SOLID	S CON	ITRO	L
200 rpm				18		16	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Uni	it	Scre	ens	Hours
100 rpm				11		11	Drill Pipe	4.500	3.	826 9	,000'	0'	Shake	er 1	17	0	24.0
6 rpm				6		5	Hevi Wt					9,000'	Shake	er 2	17	0	24.0
3 rpm				4		4	Collars					9,000'	Shake	er 3	17	0	24.0
Plastic Viscos	ity (cp)		@ 150 °F	14		16						9,000'	Centrifu	ıge 1			
Yield Point (lb	/100 ft²)		T0 = 2	9		8		CASI	NG & F	HOLE DAT	Α						
Gel Strength ((lb/100 ft²)	10	0 sec/10 min	6/9		4/6	Casing	OD (in.)	ID	(in.)	Depth	Тор					
Gel Strength ((lb/100 ft ²)		30 min	14		9	Riser	0			0'		VOLU	ME AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.0		6.0	Surface	10 1/2		2	2,991'	0'	Prev.	Total c	on Loca	ation	3290.3
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 10	0,273'	0'	Trans	ferred I	In(+)/O	ut(-)	
Retort Solids	Content			30%		28%								Oil	l Adde	d (+)	145.6
Corrected Sol	ids (vol%)			28.3%		26.3%								Barite	Adde	d (+)	22.3
Retort Oil Cor	ntent			51%		52%	Oper	n Hole Size	e 6.	750 1	1,100'		Other F	Product	t Usage	e (+)	4.0
Retort Water	Content			19%		20%	AN	NULAR G	EOME	TRY & RH	EOLOG	1		Water	r Added	d (+)	
O/W Ratio				73:27		72:28	annula	r m	neas.	velocity	flow	ECD	L	eft on (Cutting	js (-)	0.0
Whole Mud C	hlorides (n	ng/L)		42,000		43,000	section	ı d	epth	ft/min	reg	lb/gal		Lost to	Forma	ation	-270.0
Water Phase	Salinity (p	pm)		257,405		252,134							Non-Re	ecovera	able Vo	ol. (-)	-217.0
Whole Mud A	Ikalinity, Po	om		2.0		1.5	6.875x4	.5 9	,000'	116.3	lam	11.13	Est.	Total c	on Loca	ation	2975.2
Excess Lime	(lb/bbl)			2.6 ppb		2 ppb							Est. Lo	sses/G	ains (-)/(+)	0.0
Electrical Stat	oility (volts))		428 v		410 v							ВП	T HYDF	RAULI	CS D	ATA
Average Spec	ific Gravity	y of Solid	ds	3.65		3.77							Bit H.S.I	. Bit	ΔΡ	Nozzl	es (32nds)
Percent Low (Gravity Sol	lids		7.3%		4.9%											
ppb Low Grav	rity Solids			60 ppb		41 ppb							Bit Impac	*† I	zzle ocity		
Percent Barite				21%		21.4%							Force		sec)		
ppb Barite				301 ppb		307 ppb	BIT D	ATA	Ma	anuf./Type	ULTER	RA U611S					
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	ootage	ROP ft/hr	Motor/N	ИWD	Calc.	Circ.	Pressure
Sample Taker	n By			A. Roman	0	M Washburn	6 3/4	16,006 f	t				1,300	psi			
Remarks/Reco	nmendatio	ono:					Ria Activity:										

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,516 bbls (storage + Active)

OBM Kill mud on Hand----452bbls //14.4# // \$65.00/bbl

Discounted OBM on hand - 1293bbl--14.0# // \$15.00/bbl

Rig Activity:

Circulate well above the fish with 10.5ppg through Choke. Continue to circulate gas out of well bore and increase density to 10.7ppg. Pump 14.7ppg Kill mud down DP for well control, start additions to active system of LCM (First response + Fiber Plug + DynaFiber C) 1sx each / hr. Continue to circulate. Blend 15ppg Kill mud, pump 50bbls down DP, and POOH up to 10,243' inside casing. Circulate Surf to Surf with 25bbls lost down hole, maintain Full returns while circulating kill mud out DP. Operations to kill well with balance plug 15ppg OBM, pumped 127bbls down DP, Chase with 1379stks (105bbls) of 10.7ppg active mud. kill pumps and pump 300stks (23bbl) 15.4ppg slug/Kill mud. Monitor well, static conditions. Start POOH to pick up 2 7/8" stinger for up comming cement plug.

Eng.	1:	Matt N	/leeha	ın	Er	ng. 2:	Adolf	o Roman	WH 1:	PLEASANTON	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone	e: 9	985-35	51-756	31	Pł	none:	956-8	321-9994	Phone:	432-685-4023	Phone:	-			
W F	Y 1	E 1	C 1	g 1	G 1	H 2	0 0	carefully	and may be		so elects, howev	er, no representa	has been prepared tion is made as to the	\$8,168.97	\$504,513.84
											INCLUI	DING 3RD PAR	RTY CHARGES	\$17,659.84	\$610,323.56

Date 05/27/20	Operator MAG I	NOLIA OIL		Well Name a	nd No. ODRICH UN	NIT 2 - 2H	Rig Name and 24		eport No. Repo	rt #26
	DAILY	USAGE 8	& COST						CUMUI	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83	inventory		Inventory	Usage			Usage	
SAPP (50)	50# sk	\$44.50							31	\$1,379.50
PHPA LIQUID (pail)	5 gal	\$41.36							2	\$82.72
DYNA DET	pail	\$32.23							4	\$128.92
DYNAFIBER C	25# sk	\$53.67		88	70	18	\$966.06		18	\$966.06
DYNAFIBER MED	25# sk	\$53.67		120			4	_		
FIBER PLUG	40# sk	\$30.37		40	30	10		_	10	\$303.70
CACL2 (50)	50# sk	\$16.60	252		230	22			343	\$5,693.80
LIME (50) BENTONE 910 (50)	50# sk	\$5.00 \$59.94	250 49		230	20	\$100.00		320 21	\$1,600.00
BENTONE 910 (50)	50# sk 50# sk	\$83.59	53		49 50	3	\$250.77		30	\$1,258.74 \$2,507.70
OPTI G	50# sk	\$30.59	140		140		Ψ230.77		100	\$3,059.00
OPTI MUL HP	gal	\$10.75	550		550					\$4,031.25
OPTI WET	gal	\$8.34	515		515				300	
NEW PHALT	50# sk	\$38.72	90		90				70	\$2,710.40
NEWCARB 200	50# sk	\$5.25	72		72				98	\$514.50
MAGMAFIBER F (25)	25# sk	\$28.05	62		48	14	\$392.70		146	\$4,095.30
OIL SORB (25)	25# sk	\$4.75	40		40					
PHPA LIQUID (pail)	5 gal	\$41.36	90		88	2	\$82.72		9	\$372.24
GEL (100)	100# sk		70		70					
BENTONE 38 (50)	50# sk	\$163.94	25		22	3	\$491.82		18	
CYBERSEAL	25# sk	\$21.47	240		240				8	\$171.76
Evo-Lube	gal	\$9.31	975		975				125	\$1,163.75
CAL CARB COARSE (50)	50# sk	\$5.37		120	120					
MAGMAFIBER R (30)	30# sk	\$28.05		80	80					
								_		
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160					
BARITE BULK (100)	100# sk	\$7.00	1521		1200	321	\$2,247.00		3166	\$22,162.00
								_		
								_		
								F		
								F		
OPTI DRILL (OBM)	bbl	\$65.00	890		890				5526	\$359,190.00
Magnolia Owned OBM	bbl			712	712				130	
Discounted High LGS OBM	bbl	\$15.00	914		914			_	1716	\$25,740.00
								_		
								-		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		48	\$44,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		48	\$1,440.00
ENGINEERING (MILES)	each	\$1.00							1049	\$1,049.00
								-		
TRUCKING (cwt)	each	\$2.50								\$11,998.58
TRUCKING (min)	each	\$795.00				1	\$795.00		2	\$1,590.00
PALLETS (ea)	each	\$12.00				11	\$132.00		62	\$744.00
SHRINK WRAP (ea)	each	\$12.00				11	\$132.00		59	\$708.00
		Doile 0	ub-Total \$8	169.07	Cumulati	/e Total \$5	OA 512 04		¢504	513.84
		Daily 3	i viai 40	., . 55.51	Jamaiati		.5.,5.5.04		ψυ υ σ, ι	

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
05/27/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #26
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91						-		
Diesel 5/6/20	gal	\$0.90						-	5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96						-	7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03						_	7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03						_	7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03						-	7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06						-	6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06						-	7301	\$7,739.06
TurboChem First Response	each	\$41.75	350		285	65	\$2,713.75	-	215	
TurboChem Pallets	each	\$20.00	8		8			-	2	
TurboChem Shrink Wrap	each	\$20.00	8		8			-	2	
Diesel 5/22/20	gal	\$1.11						-	5545	
DIESEL 5/25/20	gal	\$1.12	480			480	\$537.60	-	7404	
DIESEL 05/26/20	gal	\$1.12		7201	1630		\$6,239.52	-	5571	\$6,239.52
DIESEL 05/26/20	gal	\$1.13		7202	7202			=		
								=		
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					Daily S	ub-Total \$9	,490.87		\$105,8	309.72
					, 0		,	L	Ţ.00,t	· -
	Cumu	ulative Total	AES & 3rd	Party \$610	,323.56					
1										

TEL: (337) 394-1078

3.1° 1,199' TVD

MAGN Well Name and No.	IOLIA C	OIL & G	AS	Contractor PA Rig Name ar	TTERS	ON	County / Paris WAS State	HINGTO	N	-	or Start Date 04/22/2	0	24 hr fr			Drilled Activity	11,10	0 ft	
LEVI GO		H UNIT	2 - 2H	Rig Name ar	248		Т	EXAS			04/26/2		Curren	t ROP		-	MT AS	SEM	BLY
Report for Bobby (Gwinn/	lamos	Dvor	Report for	ol Push	ner	Field / OSC-G	# DDINGS		Fluid Ty	obm		Circula	iting Rate	(Circula	ting Press	sure	
БОООУ			TY SPECI			iei		OLUME (BE	DI \		PUMP #1			PUMP #2		DIG	ER BC	TPO	ED
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl	Liner		.25	Line	r Size 5.2	25		Size	031	LIX
9-17	8-35	4-18	>400	±250K	<10 <25	<6	In Hole		bbl	Stro		12	Stro			Stro			
3-17		JD PROP		±25010	110 \25	~0	Active		bbl bbl	bbl/s		0763		/stk 0.0		bbl			
Time Sample		JD I KOI	LINITEO	2:00		14:00	Storag		5 bbl	stk/r		7703		min	703	stk/			
Sample Locati				suction		pit	Ĭ	cation 302		gal/r				/min		gal/			
Flowline Temp		=		120 °F		Pit		: 10.7 PV		YP		IDCIII		N DATA			.686 I	(_ 1	62.8
Depth (ft)	crature			10,250'		11,090'		Depth = 1,2				nout =	AIIO				ency =		
Mud Weight (r	opa)			10,230		10.7		Volume		6.7	- 1	trokes 7	To Rit				Γο Bit	3370	
Funnel Vis (se	. 07		@ 100 °F	58		59	Drill String Disp.	Bottoms U				tomsUp			Botton				
600 rpm	:c/qt)		@ 100 T	37		39	3.6 bbl	TotalCir	•			otalCirc			Total	·			
300 rpm				23		24	3.0 001	DRILLING				otalono	.SIKS	9			NTROL		—
200 rpm				18		19	Tuhulare	OD (in.)		(in.)	Length	To	nn	Unit	J-103	Scre		- Hot	ırs
100 rpm				11		13	Drill Pipe	` ,		326	62'	10	-μ	Shaker	1		70	1100	
6 rpm				6		6	Drill Pipe			300	1,138'	62	2'	Shaker		17			
3 rpm				4		5	Collars	2.073	۷.۰	500	1,100	1,2		Shaker		17			
Plastic Viscos	ity (op)		@ 150 °F	14		15	Collais					1,2		Centrifug		11	U		
Yield Point (lb.	• • • • • • • • • • • • • • • • • • • •		T0 = 2			9		CASIN	IG & I	HOL F	ΠΑΤΑ	1,2		Centinag	JC 1				
Gel Strength (10 9	ec / 10 min	6/9		6/9	Casing	OD (in.)		(in.)	Depth	To	nn.						
Gel Strength (30 min	14		12	Riser	OD (III.)	10	(111.)	Борит		JP	VOLUM	IF AC	COU	NTING	(bbl	s)
HTHP Filtrate			@ 300 °F			6.0		10 1/2			2.991'			Prev. T				•	75.2
HTHP Cake T				2.0		2.0	Int. Csg.	7 5/8	6.8	375	10,273'			Transfe					
Retort Solids ((021100)		30%		30%	int. cog.	. 0,0	0.0		.0,2.0			Transio		Adde			
Corrected Soli				28.3%		28.3%								E	Barite .		` '		
Retort Oil Con				51%		51%	Oper	Hole Size	6.7	750	11,100'			Other Pro			` ,		
Retort Water (Content			19%		19%		NULAR GE		TRY 8	RHEOL	OGY			Vater .	·	` ,		
O/W Ratio				73:27		73:27		_		wala	aite diam		<u> </u>	Lef	ft on C	utting	gs (-)		
Whole Mud Cl	nlorides (r	mg/L)		42,000		42,500	annula sectio	ı ae	pth	velo ft/m	-				ost to I				
Water Phase	Salinity (p	pm)		257,405		259,674		ļ				<u> </u>		Non-Rec	overab	ole Vo	ol. (-)		
Whole Mud Al	kalinity, P	om		2.0		1.5	6.875x4	1.5 6	2'		lam	10.	.74	Est. T	otal or	n Loc	ation	29	75.2
Excess Lime (lb/bbl)			2.6 ppb		2 ppb	6.875x2.	875 1,2	200'		lam	10.	.74	Est. Loss	ses/Ga	ains (_ -)/(+)		45.4
Electrical Stab	ility (volts	·)		428 v		417 v								BIT	HYDR.	AULI	CS DA	TA	
Average Spec		•	S	3.65		3.63								Bit H.S.I.	Bit A	ΔΡ	Nozzle	s (32	nds)
Percent Low 0	Gravity So	lids		7.3%		7.6%								#DIV/0!	#DI\	//0!			
ppb Low Grav	ity Solids			60 ppb		63 ppb								Bit Impact	Noz			1	
Percent Barite	1			21%		20.7%								Force	Velo	•			
ppb Barite				301 ppb		297 ppb	BIT I	DATA	Ма	nuf./Ty	/pe ULT	ERRA U	J611S	#DIV/0!					
Estimated Tot	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	WD	Calc	. Circ.	Pres	sure
Sample Taker	Ву			A. Roman		M Washburn	6 3/4	16,006 ft						1,300 p	osi		#DIV	/0!	
Afternoon Rem	arks/Recor	mmendatio	ons:				and	out of hole	Make	up ce	ement as	sembly	y incl	ay down 6	n ende	ed pı	ıp join	t and	t
							mud	caps and	set c	ement	t plug in	open h	ole f	stage in h or subsequ well is stab	uent s				

OUTSOURCE FLUID SOLUTIONS LLC.

27.6°

10,214' TVD

Operator MAGI	NOLIA	OIL & G	BAS	Contractor PA	TTERS	ON	County / Parish /	Block	N	Engineer 9	Start Date 4/22/20	24 hr 1	ftg. Oft		Drilled I		00 ft	
Well Name and No.		H UNIT	2 - 2H	Rig Name an	248			EXAS		_	4/26/20		0 ft/hr			_	n Hole	•
Report for Bobby	Gwinn	lamas	Dvor	Report for	ol Pusi	101	Field / OCS-G #	DINGS		Fluid Type	ОВМ	Circul	ating Rate			ing Pre:		
ВОЛОУ			RTY SPECIF			ICI		LUME (BE	RI V	F	PUMP #1		160 gpn				DOSTER	2
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		4 bbl	Liner S		25 Line		.25	Liner			•
9-17	8-35	4-18	>400	±250K	<10 <25	<6	In Hole		5 bbl	Strok				12	Stro			
317	0 00	1 10	7400	5/28/20	110 \25	5/27/20	Active		3 bbl	bbl/s				763	bbl		0.0000	,
Time Sample	Taken			2:00		14:00	Storage		'8 bbl	stk/m				0	stk/		0.000	
Sample Locati				suction		pit		cation 289		gal/m				0	gal/		0	
Flowline Temp		=		110 °F		F		PHHP = 37		9		ATION DA					K = 185.7	83
Depth (ft)				10,280'		11,090'	Bit [Depth = 10,				out = 0%		Pump				
Mud Weight (p	pg)			11.0		10.7	D : 11 O: :	Volume	to Bit	135.9	bbl St	rokes To Bit	<u> </u> t 1,781		Time 1	Γο Bit	36 mir	1
Funnel Vis (se			@ 100 °F	50		59	Drill String Disp.	Bottoms U	Jp Vol.	283.2	bbl Botto	omsUp Stks	3,711	Bottoi	msUp	Time	74 mir	1
600 rpm	17			40		39	53.2 bbl			1183.1		talCirc.Stks			•		310 mi	n
300 rpm				25		24		DRILLIN	G ASS	SEMBLY	/ DATA		S	OLIDS				
200 rpm				20		19	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scre	ens	Hours	3
100 rpm				14		13	Drill Pipe	4.500	3.	826	9,148'	0'	Shake	r 1	17	' 0	12.0	
6 rpm				8		6	Drill Pipe	2.875	2.	300	1,138'	9,148'	Shake	r 2	17	7 0	12.0	
3 rpm				6		5						10,286'	Shake	r 3	17	7 0	12.0	
Plastic Viscos	ty (cp)		@ 150 °F	15		15						10,286'	Centrifuç	ge 1			2.0	
Yield Point (lb.	100 ft²)		T0 = 4	10		9		CASIN	NG & H	HOLE D	ATA							
Gel Strength (b/100 ft²)	10	sec/10 min	7/12		6/9	Casing	OD (in.)	ID	(in.)	Depth	Тор						
Gel Strength (b/100 ft ²)		30 min	16		12	Riser	0			0'		VOLUN	/IE AC	COU	NTING	6 (bbls)	
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.0		6.0	Surface	10 1/2			2,991'	0'	Prev. 1	Γotal o	n Loc	ation	2975	5.2
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,273'	0'	Transfe	erred li	n(+)/C	Out(-)		
Retort Solids (Content			30%		30%								Oil	Adde	d (+)	15	5.0
Corrected Soli	ds (vol%)			28.3%		28.3%								Barite	Adde	d (+)	13	3.9
Retort Oil Con	tent			50%		51%	Oper	n Hole Size	6.	750	11,100'		Other P	roduct	Usag	e (+)	C	0.0
Retort Water (Content			20%		19%	AN	NULAR GI	OME	TRY & F	RHEOLOG	¥Υ	,	Water	Adde	d (+)		
O/W Ratio				71:29		73:27	annula	r m	eas.	veloc	ity flow	ECD	Le	eft on C	Cutting	gs (-)	O	0.0
Whole Mud Cl	nlorides (r	ng/L)		43,000		42,500	section	n de	epth	ft/mi	n reg	lb/gal	L	ost to	Form	ation		
Water Phase	Salinity (p	pm)		252,134		259,674							Non-Red	covera	ble Vo	ol. (-)		
Whole Mud Al	kalinity, P	om		1.5		1.5	6.875x4	.5 9,	148'	145.	4 lam	11.45	Est. 7	Γotal o	n Loc	ation	3004	.1
Excess Lime (lb/bbl)			2 ppb		2 ppb	6.875x2.8	375 10	,273'	100.	7 lam	11.43	Est. Los	ses/G	ains (-)/(+)	-107	.0
Electrical Stab	ility (volts)		440 v		417 v	6.75x2.8	75 10	,286'	105.	3 lam	11.43	BIT	HYDR	RAULI	CS D	ATA	
Average Spec	ific Gravit	y of Solids	S	3.72		3.63							Bit H.S.I.	Bit	ΔΡ	Nozz	es (32nd	ls)
Percent Low 0	Gravity So	lids		6.1%		7.6%												
ppb Low Grav	ty Solids			50 ppb		63 ppb							Bit Impact	Noz Velo	-]
Percent Barite				22.2%		20.7%			1				Force	(ft/s	-			
ppb Barite				318 ppb		297 ppb	BIT D	ATA	Ма	anuf./Typ	ре							
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	ours	Footage	ROP ft/hr	Motor/M	WD	Calc	. Circ.	Pressu	re
Sample Taker	Ву			A. Roman	0	M Washburn	6 3/4											_
Remarks/Reco	mmendati	ons:					Rig Activity:											

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,442 bbls (storage + Active)

OBM Kill mud on Hand----385bbls //14.4# // \$65.00/bbl

Discounted OBM on hand - 1293bbl--14.0# // \$15.00/bbl

POOH and lay down fishing assembly. Monitor well while rig up for 2 7/8" stinger pick up. Pick up 2 7/8" tubing 1138' and Start staging in the hole, brake circulation © 5840', 8678' and at the shoe 10,286'. At this stage Circulate complet cycle. Gas out of the well continue circulating gradually increaseing pump rate to achieve 4BPM (Cementing Rate) through choke lines, Maintain MW @ 11ppg. At time of report Circulating at 50stk/min MW in 11ppg out 10.7ppg. Casing press. 0, Stand pipe pressure 380psi.

	Eng. 1: Phone:			Meeha 51-756			5		o Roman 321-9994		PLEASANTON 432-685-4023	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
V\ 1	' P 1	Y 1	E 1	C 1	g 1	G 1	H 2	O 0	carefully	and may be	ecommendation, exp used if the user so ation, and this is a r	elects, howeve	nas been prepared on is made as to the	\$3,310.00	\$507,823.84	
												INCLUD	ING 3RD PAR	TY CHARGES	\$4.015.60	\$614,339,16

Date 05/28/20		NOLIA OIL USAGE 8	& GAS	Well Name a	nd No. DDRICH UN	IIT 2 - 2H	Rig Name and 248	Repo	rt #27 LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	\$128.9
DYNAFIBER C	25# sk	\$53.67	70		70			18	\$966.0
DYNAFIBER MED	25# sk	\$53.67	120		120				
FIBER PLUG	40# sk	\$30.37	30		30			10	\$303.7
CACL2 (50)	50# sk	\$16.60	230		230			343	\$5,693.8
LIME (50)	50# sk	\$5.00	230		230			320	\$1,600.0
BENTONE 910 (50)	50# sk	\$59.94	49		49			21	\$1,258.7
BENTONE 990 (50)	50# sk	\$83.59	50		50			30	\$2,507.7
OPTI G	50# sk	\$30.59	140		140			100	\$3,059.0
OPTI MUL HP	gal	\$10.75	550		550			375	\$4,031.2
OPTI WET	gal	\$8.34	515		515			300	\$2,502.0
NEW PHALT	50# sk	\$38.72	90		90			70	\$2,710.4
NEWCARB 200	50# sk	\$5.25	72		72			98	\$514.5
MAGMAFIBER F (25)	25# sk	\$28.05	48		48			146	
OIL SORB (25)	25# sk	\$4.75	40		40				
PHPA LIQUID (pail)	5 gal	\$41.36	88		88			9	\$372.2
GEL (100)	100# sk		70		70				
BENTONE 38 (50)	50# sk	\$163.94	22		22			18	\$2,950.9
CYBERSEAL	25# sk	\$21.47	240		240			8	-
Evo-Lube	gal	\$9.31	975		975				\$1,163.
CAL CARB COARSE (50)	50# sk	\$5.37	120		120			1.20	1
MAGMAFIBER R (30)	30# sk	\$28.05	80		80				
()	3377 310	-20.00	- 55						<u> </u>
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				<u> </u>
BARITE BULK (100)	100# sk	\$7.00	1200		1000	200	\$1,400.00	3366	\$23,562.0
27.1.1.1.2.202.1.(1.00)	100,101	ψ1.00	1200		1000		ψ1,100.00		Ψ20,002.
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ODTI DDILL (ODA)		# 05.5.	6.5.0		0.5.5				#050 1 ·
OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.
Manusalia Ou LODIII						_			-
Magnolia Owned OBM	bbl		712		638	74		204	-
Discounted III 1 100 000		A						<u> </u>	#C= =
Discounted High LGS OBM	bbl	\$15.00	914		914			1716	\$25,740.
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ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		\$46,250.
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		\$1,500.
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.
TRUCKING (cwt)	each	\$2.50						4799	\$11,998.
TRUCKING (min)	each	\$795.00						2	\$1,590.
PALLETS (ea)	each	\$12.00						62	\$744.0
SHRINK WRAP (ea)	each	\$12.00						59	
			_			_			_
			ub-Total \$3						823.84

Date	Operator	Well Name a	ind No.		Rig Name an	ne and No. Report No.				
05/28/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #27
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91						•		
Diesel 5/6/20	gal	\$0.90						•	5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96						•	7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98						•	7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06						•	7301	\$7,739.06
TurboChem First Response	each	\$41.75	285		285			•	215	\$8,976.25
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11						•	5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12						•	7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12	1630		1000	630	\$705.60	•	6201	\$6,945.12
DIESEL 05/26/20	gal	\$1.13	7202		7202			•		
								•		
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	<u> </u>	I	1	I	5. "	N. L. T	705.00		A400	45.00
					Daily S	Sub-Total \$	705.60		\$106,5	015.32
	·							_		
	Cum	ulative Total	AES & 3rd	Party \$614	,339.16					
1										

TEL: (337) 394-1078

66.1° 10,527' TVD

CaCl2	248 ol Push	HTHP <6 12:30 pit 11,090' 11.0 52 41 25 21 15 7 6	Field / OSC-G GIE MUD VC In Pits In Hole Active Storag Tot. on Loc Mud Wt. = Bit E Drill String Disp.	DDINGS DLUME (BB 764 453 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume to the control of	bbl Line bbl stl bbl stl bbl stl con bil stl bbl stl bbl stl bbl stl bbl stl con bil stl con bil stl	Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	Circula 25 Line 2 Str 763 bb stk gal	oke 1 //stk 0.0 /min /min DN DATA	25 2 763	RISE Liner S Strok bbl/s stk/m gal/m n = 0.0	Size e tk in in 678 K	e = 185.8
Too FICATIONS CaCl2 ±250K 2:00 suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15	GELS	11,090' 11.0 52 41 25 21 15 7	MUD VC In Pits In Hole Active Storag Tot. on Loc Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	DDINGS DLUME (BB 764 453 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume to the control of	bbl Line bbl St bbl stl bbl ga 1:15 YF 666' Vol. 295 :Vol. 120	OBM PUMP #1 er Size 5.5 roke 1 obl/stk 0.0° k/min 0.0° al/min 0.0° Vash 0.0° 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	25 Line 2 Str 763 bb stk gal RCULATIO Dut = okes To Bit	PUMP #2 r Size 5 oke 1 l/stk 0.00 l/min on DATA	25 2 763 Pump E	RISE Liner S Strok bbl/s stk/m gal/m n = 0.0	R BOO Size e tk iin iin 678 K	DSTER = 185.8
2:00 suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15	GELS	11,090' 11.0 52 41 25 21 15 7	MUD VC In Pits In Hole Active Storag Tot. on Loc Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	DLUME (BB 764 453 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume 1 Bottoms Up TotalCirc DRILLING OD (in.)	bbl Line bbl St bbl stl bbl ga 115 YF 666' Vol. 295 Vol. 120	PUMP #1 er Size 5 roke 1 pl/stk 0.00 k/min hl/min P=10 CII Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	2 Str 763 bb stk gal RCULATIO Dut = okes To Bit	r Size 5 oke 1 l/stk 0.0 /min DN DATA	2 763 Pump E	Strok bbl/s stk/m gal/m n = 0.0	R BOO	= 185.8
CaCl2 ±250K 2:00 suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15	GELS	12:30 pit 11,090' 11.0 52 41 25 21 15 7	In Pits In Hole Active Storag Tot. on Loc Mud Wt. = Bit C Drill String Disp. 55.8 bbl Tubulars Drill Pipe	764 453 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume to the control of th	bbl Line bbl St bbl stl bbl ga 115 YF 666' Vol. 295 Vol. 120	roke 1 pol/stk 0.00 k/min p=10 CII Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	2 Str 763 bb stk gal RCULATIO Dut = okes To Bit	r Size 5 oke 1 l/stk 0.0 /min DN DATA	2 763 Pump E	Strok bbl/s stk/m gal/m n = 0.4	Size e tk in in 678 K	= 185.8
2:00 suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15		12:30 pit 11,090' 11.0 52 41 25 21 15 7	In Hole Active Storag Tot. on Loc Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	e 453 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume 1 Bottoms Up TotalCirc DRILLING OD (in.)	bbl St bbl stl bbl ga st. 15 Yf 666 ' vol. 295 vol. 120 ASSEM	roke 1 ol/stk 0.00 k/min P=10 CII Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	2 Str 763 bb stk gal RCULATIO Dut = okes To Bit	oke 1 //stk 0.0 /min /min DN DATA	2 763 Pump E	Strok bbl/s stk/m gal/m n = 0.	e tk in in 678 K	
2:00 suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15		12:30 pit 11,090' 11.0 52 41 25 21 15 7	Active Storag Tot. on Loc Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	e 1202 e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume to the state of	bbl bbl stl bbl ga 115 YF 1666 ' 10 Bit 142 1 Vol. 295 1 Vol. 120 ASSEM		763 bb stk gal RCULATIO Dut = okes To Bit msUp Stks	/min /min ON DATA	763	bbl/s stk/m gal/m n = 0.0	in in 678 K	
suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15		pit 11,090' 11.0 52 41 25 21 15	Storag Tot. on Lor Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	e 1678 cation 2895 11.0 PV= Depth = 10,7 Volume to talCirc DRILLING OD (in.)	bbl stl ga ga stl stl stl stl stl stl stl stl stl stl	Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	stk gal RCULATIO Dut = okes To Bit msUp Stks	/min DN DATA	Pump E	stk/m gal/m n = 0.	in in 678 K ncy = 9	
suction 110 °F 10,280' 11.0 50 40 25 20 14 8 6 15		pit 11,090' 11.0 52 41 25 21 15	Tot. on Loc Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	Depth = 10,7 Volume to TotalCirc DRILLING OD (in.)	bbl gable ga	P=10 CII Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	gal RCULATIO Dut = okes To Bit msUp Stks	/min DN DATA	Pump E	gal/m n = 0.4 Efficie	in 678 K ncy = 9	
110 °F 10,280' 11.0 50 40 25 20 14 8 6 15		11,090' 11.0 52 41 25 21 15 7	Mud Wt. = Bit D Drill String Disp. 55.8 bbl Tubulars Drill Pipe	Poepth = 10,7 Volume to Bottoms Up TotalCirc DRILLING OD (in.)	15 YF 666 ' 10 Bit 142 1 Vol. 295 1 Vol. 120 1 ASSEM	P=10 CII Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	put = okes To Bit	PN DATA	Pump E	n = 0.	678 K	
10,280' 11.0 50 40 25 20 14 8 6 15		11.0 52 41 25 21 15	Bit I	Pepth = 10,7 Volume to Bottoms Up TotalCirc DRILLING OD (in.)	666 ' to Bit 142 Vol. 295 :Vol. 120	Wash 2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	out = okes To Bit msUp Stks	F	Pump E	Efficie	ncy = 9	
11.0 50 40 25 20 14 8 6 15		11.0 52 41 25 21 15	Drill String Disp. 55.8 bbl Tubulars Drill Pipe	Volume to Bottoms Up TotalCirco DRILLING OD (in.)	vol. 295 :Vol. 120	2.8 bbl Str 5.0 bbl Botto 1.7 bbl To	okes To Bit		т			
50 40 25 20 14 8 6		52 41 25 21 15	Disp. 55.8 bbl Tubulars Drill Pipe	TotalCirc DRILLING OD (in.)	Vol. 295 :.Vol. 120	5.0 bbl Botto	msUp Stks			iiie i	DIL	
40 25 20 14 8 6 15		41 25 21 15 7	Tubulars Drill Pipe	TotalCirc DRILLING OD (in.)	.Vol. 120	1.7 bbl To	·		Botton	-11- 7		
25 20 14 8 6 15		25 21 15 7	Tubulars Drill Pipe	OD (in.)	ASSEM		iaiCirc.Siks		Total	Circ. T		
20 14 8 6 15		21 15 7	Drill Pipe	OD (in.)		DEIDAIA	55.8 bbl TotalCirc.Vol. 1201.7 bbl TotalCirc.Stks DRILLING ASSEMBLY DATA					
14 8 6 15		15 7	Drill Pipe	` ,		Length	Тор	Unit	OLIDS	Scree		Hours
8 6 15		7	•		3.826	9,628'	ТОР	Shaker		170		12.0
6 15			Dilli i ipe		2.300	1,138'	9,628'	Shaker		170		12.0
15		O		2.075	2.300	1,100	10,766'	Shaker		170		12.0
		16					10,766'	Centrifug		170	,	2.0
.0		9		CASIN	G & HOL	F DATA	10,700	Centinag	JC 1			2.0
7/12		6/8	Casing	OD (in.)	ID (in.)	Depth	Тор					
16		13	Riser	OB (III.)	1D (III.)	Верин	ТОР	VOLUM	IF ACC	OUN	TING (hhis)
6.0		6.0		10 1/2		2,991'		Prev. T				2975.2
2.0		2.0	Int. Csg.	7 5/8	6.875	10,273'		Transfe				20.0.2
30%		30%	ini. oog.	. 0,0	0.0.0	. 0,=. 0		Transio		Added	()	15.0
28.3%		28.3%							Barite A		,	13.9
50%		50%	Open Hole Size 6.750 11,100'						Other Product Usage (+)			
20%		20%	ANNULAR GEOMETRY & RHEOLOGY						Water Added (+)			
71:29		71:29	Left							on Cuttings (-)		
43,000		43,500	annula section	i der	1110	locity flow min reg	ECD lb/gal		ost to F	Ū	.,	-74.0
252,134		254,320						Non-Rec	overab	le Vol	. (-)	-33.0
1.5		1.5	6.875x4	1.5 9,62	28'	lam	11.00		otal on		. ,	2897.1
2 ppb		2 ppb	6.875x2.	•		lam	11.00	Est. Loss			_	-2.6
440 v		430 v				lam	11.00			. ,		
3.72		3.72		ŕ				Bit H.S.I.	Bit A	AP I	Nozzles	(32nds)
6.1%		6.2%						#DIV/0!		-		
50 ppb		51 ppb										+
22.2%		22.1%						Force		,	\dashv	+
318 ppb		317 ppb	BIT [DATA	Manuf./	Туре		#DIV/0!	,	-,		+
			Size	Depth In	Hours	Footage	ROP ft/hr		WD	Calc.	Circ. P	ressure
A. Roman		M Washburn	6 3/4									
			Afternoon R	Rig Activity:		<u>I</u>		<u> </u>				
	3.72 6.1% 50 ppb 22.2% 318 ppb	3.72 6.1% 50 ppb 22.2% 318 ppb	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb BIT 0 Size A. Roman MWashburn 6 3/4 Afternoon F	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb BIT DATA Size Depth In A. Roman MWashburn 6 3/4 Afternoon Rig Activity: Stage in hole to mud wt. Rig up Pump 50 bbls 1	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb BIT DATA Manuf./ Size Depth In Hours A. Roman Mwashburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, mud wt. Rig up cemente	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb BIT DATA Manuf./Type Size Depth In Hours Footage A. Roman Mwashburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate ou mud wt. Rig up cementers attend points.	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% 318 ppb 317 ppb BIT DATA Manuf./Type Size Depth In Hours Footage ROP ft/hr A. Roman M Washburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate out gas thru mud wt. Rig up cementers attend pre cement	3.72 3.72 Bit H.S.I. 6.1% 6.2% #DIV/0! 50 ppb 51 ppb 22.2% 22.1% Bit Impact Force 318 ppb 317 ppb BIT DATA Manuf./Type #DIV/0! Size Depth In Hours Footage ROP ft/hr Motor/Mide. A. Roman Mwashburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate out gas thru choke at mud wt. Rig up cementers attend pre cement safety and Pump 50 bbls 15.5 kill mud down drill pipe, continue to 10792.	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% Size Depth In Hours Footage ROP ft/hr Motor/MWD A. Roman M Washburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate out gas thru choke at 10792' mud wt. Rig up cementers attend pre cement safety and procedured by the procedure of	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. (A. Roman M Washburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate out gas thru choke at 10792' and round wt. Rig up cementers attend pre cement safety and procedure Pump 50 bbls 15.5 kill mud down drill pipe, continue to have drillpip	3.72 3.72 6.1% 6.2% 50 ppb 51 ppb 22.2% 22.1% Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. P A. Roman M Washburn 6 3/4 Afternoon Rig Activity: Stage in hole to 10792, circulate out gas thru choke at 10792' and mainta mud wt. Rig up cementers attend pre cement safety and procedures mee

in to 10766, currently circulating bottoms up before cementing.

OUTSOURCE FLUID SOLUTIONS LLC.

4.6°

6,757' TVD

Operator MAG	NOLIA (OIL &	GAS	Contractor PA	TTERS	ON	County / Parish / WASh	Block HINGTO	N	Engineer St 04	tart Date 1/22/20	24 hr	ftg. O ft		Drilled	Depth 11,1(00 ft
Well Name and No		H UNI	T 2 - 2H	Rig Name ar	nd No.		State	EXAS		Spud Date	1/26/20		ont ROP Oft/h	ır	Activity		wn DP
Report for				Report for			Field / OCS-G #			Fluid Type		Circu	lating Rate			ting Pres	
Bobby	Gwinn/	James	s Dyer	Тс	ol Pusi	ner	GIDDINGS				ОВМ		192 gr				si
	I	1	RTY SPECIF	ı	ı			LUME (B			UMP #1		PUMP				DOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		31 bbl	Liner Siz			er Size	5.25		Size	
9-17	8-35	4-18	>400	±255K	<10 <25	<6	In Hole		74 bbl	Stroke			roke			oke	
				5/29/20		5/28/20	Active		09 bbl	bbl/stk				0.0763		/stk	0.0000
Time Sample				2:00		12:30	Storage		<u>07 bbl</u>	stk/min 60 st			x/min 0		stk/		
Sample Locat				suction		pit	Tot. on Lo			gal/mir		ıl/min	ŭ	min	0		
Flowline Temp	perature °F	=						PHHP =			CIRCUI	ATA n = 0.788					
Depth (ft)				8,891'		11,090'	Bit Depth = 6,800 '				Wash		- 1 - 	o Effici	ency =	95%	
Mud Weight (ppg)			11.1		11.0	Drill String Disp. Volume to Bit			86.4 bl	bl St	1,132		Time ⁻	To Bit	19 min	
Funnel Vis (se	ec/qt)		@ 110 °F	51		52	Bottoms Up Voi.			191.7 b	191.7 bbl BottomsUp Stks			2,512 Botto		Time	42 min
600 rpm				38		41	34.2 bbl	TotalC	irc.Vol.	1109.1 l	bbl To	14,53	al Circ.	Time	242 min		
300 rpm		22		25		DRILLIN	IG ASS	SEMBLY	DATA			SOLIE	s co	NTRO	L		
200 rpm				18		21	Tubulars	OD (in.)	ID	(in.)	Length	Тор	U	nit	Scre	eens	Hours
100 rpm				12		15	Drill Pipe	4.500	3.	826	5,662'	0'	Sha	ker 1	17	70	14.0
6 rpm				6		7	Drill Pipe	2.875	2.	300	1,138'	5,662'	Sha	ker 2	17	70	14.0
3 rpm				5		6						6,800'	Sha	ker 3	17	70	14.0
Plastic Viscos	Plastic Viscosity (cp) @ 150 °					16						6,800'	Centr	fuge 1			2.0
Yield Point (lb	Yield Point (lb/100 ft²) T0 =					9		CASI	NG & F	HOLE DA	ATA						
Gel Strength ((lb/100 ft²)	1	0 sec/10 min	6/10		6/8	Casing	OD (in.)	ID	(in.)	Depth	Тор					
Gel Strength ((lb/100 ft ²)		30 min	14		13	Riser	0			0'		VOL	UME A	ccou	NTING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.0		6.0	Surface	10 1/2			2,991'	0'	Prev	. Total	on Loc	ation	2894.5
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,273'	0'	Tran	sferred	In(+)/C	Out(-)	
Retort Solids	Content			31%		30%								O	il Adde	ed (+)	26.1
Corrected Sol	ids (vol%)			29.4%		28.3%								Barite	e Adde	ed (+)	7.0
Retort Oil Cor	ntent			50%		50%	Oper	n Hole Siz	e 6.	750	11,100'		Other	Produc	t Usag	je (+)	1.8
Retort Water	Content			19%		20%	AN	NULAR G	EOME	TRY & R	HEOLO	ЭΥ		Wate	r Adde	ed (+)	
O/W Ratio				72:28		71:29	annula	r n	neas.	velocit	ty flow	ECD		Left on	Cutting	gs (-)	0.0
Whole Mud C	hlorides (n	ng/L)		41,000		43,500	section		lepth	ft/min	,			Gaiı	n F/Ce	ment	
Water Phase	Salinity (p	pm)		252,826		254,320		<u> </u>		I	I	I	Non-F	Recover	able V	ol. (-)	-17.3
Whole Mud A	lkalinity, P	om		1.5		1.5	6.875x4	.5 5	,662'	174.5	i lam	11.47	Es	t. Total	on Loc	ation	2912.1
Excess Lime ((lb/bbl)			2 ppb		2 ppb	6.875x2.8	375 6	,800'	120.9) lam	11.44	Est. L	.osses/C	Gains (-)/(+)	0.0
Electrical Stat	oility (volts)		445 v		430 v							В	IT HYD	RAULI	ICS D	ATA
Average Spec	ific Gravit	y of Solid	ds	3.69		3.72							Bit H.S	.I. Bi	t ∆P	Nozzl	es (32nds)
Percent Low 0	Gravity So	lids		6.9%		6.2%											
ppb Low Grav	rity Solids			57 ppb		51 ppb							Bit Impa	oct I	zzle		
Percent Barite	Percent Barite					22.1%							Force	vei	locity 'sec)		
ppb Barite				322 ppb		317 ppb	BIT D	ATA	Ma	anuf./Type	<u> </u>				•		
Estimated Tot	al LCM in	System	ppb				Size	Depth Ir	n Ho	ours F	Footage	ROP ft/h	r Motor	/MWD	Calc	. Circ.	Pressure
Sample Taker				A. Roman	0	M Washburn	6 3/4										
Remarks/Reco				I	I		Ria Activity:	l .	<u> </u>	1		<u> </u>	1		1		

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,513 bbls (storage + Active)

OBM Kill mud on Hand----314bbls //14.4# // \$65.00/bbl

Discounted OBM on hand - 1293bbl--14.0# // \$15.00/bbl

Rig Activity:

Finish TIH to 10792', circulate through choke and maintain MW at 11ppg. Pump 15.5ppg Kil mud on DP. Continue to show backpressure on DP. POOH 20 stands and set Inside Gray Valve on Drill string. TIH back to 10792' and resume Circulation 1 BU. Monitor well for static conditions, prior to Cement. Start Cement plug pumping and Displacement. Pump (36bbl Spacer / 37bbls Cement / 14bbls Spacer) Displace with 110bbls of OBM 11.0ppg from active system. POOH up to 8882' and circulate complete cycle through Choke. @ BU returns with spacer, blinding shakers, 6+bbls lost over the shakers. Shut well in after Sur/Surf, and WOC for 6hrs. Open well up and monitor on trip tanks. Well Static. Start Lay down DP. At time of report passing 6800'.

Е	ng. 1:	Λ	/latt N	1eeha	ın	Eı	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	Rig Phone:	Daily Total	Cumulative Cost	
F	hone:	98	85-35	1-756	61	PI	hone:	956-8	321-9994	Phone:	432-685-4023	Phone:	-	-	•	
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 2	O 0	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	\$3,327.54	\$511,151.38		
												INCLUDI	NG 3RD PAR	TY CHARGES	\$4,558.28	\$618,897.44

Date 05/29/20	Operator MAG	NOLIA OIL	& GAS	Well Name a	ina No. ODRICH UN	NIT 2 - 2H	Rig Name an			rt #28		
	DAILY	USAGE 8	& COST					CU	CUMULATIVE			
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cur	n	Cum Cos		
			Inventory	Received	Inventory	Usage	Daily Cost	Usag	је	Cuili Cos		
ALUMINUM TRISTEARATE SAPP (50)	25# sk 50# sk	\$162.83 \$44.50							31	\$1,379.50		
PHPA LIQUID (pail)	5 gal	\$41.36							2	\$82.72		
DYNA DET	pail	\$32.23							4	\$128.92		
DYNAFIBER C	25# sk	\$53.67	70		70				18	\$966.06		
DYNAFIBER MED	25# sk	\$53.67	120		120					,		
FIBER PLUG	40# sk	\$30.37	30		30				10	\$303.70		
CACL2 (50)	50# sk	\$16.60	230		220	10	\$166.00		353	\$5,859.80		
LIME (50)	50# sk	\$5.00	230		220	10	\$50.00		330	\$1,650.00		
BENTONE 910 (50)	50# sk	\$59.94	49		49				21	\$1,258.74		
BENTONE 990 (50)	50# sk	\$83.59	50		44	6	\$501.54		36	\$3,009.2		
OPTI G	50# sk	\$30.59			140				100	\$3,059.0		
OPTI MUL HP	gal	\$10.75			550				375	· ,		
OPTI WET	gal	\$8.34	515		515				300	\$2,502.0		
NEW PHALT	50# sk	\$38.72	90		90				70	\$2,710.4		
NEWCARB 200	50# sk	\$5.25	72		72				98	\$514.5		
MAGMAFIBER F (25)	25# sk	\$28.05			48				146	\$4,095.3		
OIL SORB (25)	25# sk	\$4.75			40				_			
PHPA LIQUID (pail)	5 gal	\$41.36			88			<u> </u>	9	\$372.2		
GEL (100)	100# sk	***	70		70			<u> </u>		00.55		
BENTONE 38 (50)	50# sk	\$163.94	22		22			<u> </u>	18	\$2,950.9		
CYBERSEAL	25# sk	\$21.47	240		240			<u> </u>	8	\$171.7		
Evo-Lube	gal	\$9.31	975		975			<u> </u>	125	\$1,163.7		
CAL CARB COARSE (50)	50# sk	\$5.37	120		120			<u> </u>				
MAGMAFIBER R (30)	30# sk	\$28.05	80		80							
NEW-WATE (SACK BARITE)	100# sk	\$11.50			160							
BARITE BULK (100)	100# sk	\$7.00	1000		900	100	\$700.00	3	466	\$24,262.0		
										_		
					<u> </u>							
OPTI DRILL (OBM)	bbl	\$65.00	890		890				526	\$359,190.0		
Magnolia Owned OBM	bbl		638	18	656				204			
Discounted High LGS OBM	bbl	\$15.00	914		914			1	716	\$25,740.0		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		52	\$48,100.0		
ENGINEERING (DIEM)	bbl	\$30.00				2				\$1,560.0		
ENGINEERING (MILES)	each	\$1.00						,	1049	\$1,049.0		
LINGINEERING (MILES)	53011	\$50						 		,		
ENGINEERING (MILLS)	 							 	-			
ENGINEERING (MILLS)	1		ļ					 	-			
INCHAELINING (WILLS)												
	each	\$2.50							1790	\$11,998 5		
TRUCKING (cwt)	each each	\$2.50 \$795.00										
TRUCKING (cwt) TRUCKING (min)	each	\$795.00							2	\$1,590.00		
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$795.00 \$12.00							2 62	\$11,998.58 \$1,590.00 \$744.00 \$708.00		
TRUCKING (cwt)	each	\$795.00							2	\$1,590. \$744.		

Date	Operator			Well Name a	nd No.		Rig Name an	and No. Report No.			
05/29/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	48	rt #28			
	DAILY	USAGE 8	& COST						CUMUL	LATIVE	
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
Diesel 4/25/20	gal	\$0.91									
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00	
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86	
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76	
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00	
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00	
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50	
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00	
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02	
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06	
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26	
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06	
TurboChem First Response	each	\$41.75	285		285				215	\$8,976.25	
TurboChem Pallets	each	\$20.00	8		8			[2	\$40.00	
TurboChem Shrink Wrap	each	\$20.00	8		8				2		
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95	
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48	
DIESEL 05/26/20	gal	\$1.12	1000			1000	\$1,120.00		7201	\$8,065.12	
DIESEL 05/26/20	gal	\$1.13	7202		7104	98	\$110.74		98	\$110.74	
								-			
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	<u>. </u>	<u> </u>	<u>I</u>	ı	Deller C	ub-Total **	220.74		\$407	746.06	
					Daily S	ub-Total \$1	,23U./4		\$107,7	40.06	
						 I		_]	
	Cumi	ulative Total	I AES & 3rd	Party \$618	,897.44						
	<u> </u>					ı					

110 Old Market St. St Martinville, LA 70582 TEL: (337) 394-1078

9.2° 4,707' TVD

	IOLIA C	OIL & C	GAS		TTERS	ON		HINGTO	N		04/22/20)	24 hr fto				1,100	ft
Well Name and No.		I UNIT	Г 2 - 2H	Rig Name ar	248		State T	EXAS		Spud Da	^{ate} 04/26/20		Current	ROP		Activity L/D T	UBU	LARS
Report for	<u> </u>		_	Report for			Field / OSC-G			Fluid Ty	-	ı	Circulat	ting Rate		Circulating	g Pressu	re
Bobby					ol Push	ner		DDINGS			OBM			DIMED #0		DIOF		
\\/ - : - l- 4			RTY SPECI			LITLID		OLUME (E			PUMP #1			PUMP #2	0.5			STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pit		1 bbl	Liner		.25	Liner			Liner Si		
9-17	8-35	4-18	>400	±255K	<10 <25	<6	In Hol		5 bbl	Stro		12	Stro		2	Stroke		
Ti 0l-		JD PRO	PERTIES	0.00		40:00	Active		26 bbl	bbl/		0763	bbl/		763	bbl/st		
Time Sample				2:00		12:30	Storag		07 bbl	stk/r			stk/ı			stk/mi		
Sample Locati		_		suction		pit		cation 29		gal/r			gal/ı			gal/mi		00.4
Flowline Temp	erature *F	-		0.0041		11 000		= 11.1 P\		YP			AHOI	N DATA	D	n = 0.7		
Depth (ft)				8,891'		11,090'	Bit	Depth = 4		- F-7.4		nout =	- D::			Efficien		5%
Mud Weight (p	,		@ 440.05	11.1		9.8	Drill String Disp.			57.1		trokes T				Γime To		
Funnel Vis (se	ec/qt)		@ 110 °F	51		31		Bottoms	•			omsUp				nsUp Ti		
600 rpm				38		31	22.9 bbl	TotalC				otalCirc	.Stks			Circ. Ti		
300 rpm				22		19	Tubulara				LY DATA	Т.	.n		OLID	Coroo		Llouro
200 rpm				18		14	Tubulars Drill Pipe	` ,		(in.)	Length	To	pp	Unit	. 4	Scree		Hours
100 rpm				12 6		10 5	•			326	3,601'	2.6	04'	Shaker Shaker		170		
6 rpm				5		4	Drill Pipe	2.875	2.0	300	1,138'	3,6 4,7		Shaker		170 170		
3 rpm	tt. ()		@ 150 °F	16		12						4,7		Centrifug		170		
Plastic Viscos Yield Point (lb.	,		T0 = 4	6		7		CVSI	NG & I	HOI E	DATA	4,7	39	Centinag	je i			
Gel Strength (10	sec / 10 min	6/10		5/9	Cooina	OD (in.)		(in.)	Depth	To	ın.					
Gel Strength (30 min	14		10	Riser		יטו	(111.)	Берит	10	,p	VOLUM	IF AC	COLINT	ING (hhle)
			@ 300 °F			6.0		10 1/2			2,991'		-	Prev. To				2912.1
HTHP Filtrate HTHP Cake T			@ 000 T	2.0		2.0	Int. Csg.		6.8	375	10,273'			Transfe				2312.1
Retort Solids ((3211d3)		31%		27%	iiii. Osg.	1 0/0	0.0	310	10,270			Transic		Added		
Corrected Soli				29.4%		25.3%										Added	` ,	
Retort Oil Con				50%		54%	One	n Hole Size	6.7	750	11,100'			Other Pro			` ,	
Retort Water (19%		19%		INULAR G				OGY				Added	,	
O/W Ratio				72:28		74:26							_			Cuttings	` ,	
Whole Mud Cl	nlorides (n	na/L)		41,000		43,500	annul section	ı a	epth	velo ft/m	-					F/Ceme		
Water Phase				252,826		264,170								Non-Reco	overal	ole Vol.	(-)	
Whole Mud Al		,		1.5		1.5	6.875x	4.5 3.	601'		lam	11.	14			n Locati		2912.1
Excess Lime (2 ppb		2 ppb	6.875x2	.875 4	739'		lam		14	Est. Loss				11.2
Electrical Stab)		445 v		430 v							ŀ			AULIC		·A
Average Spec		,	ds	3.69		3.63							-	Bit H.S.I.	Bit	ΔΡ Ν	lozzles	(32nds)
Percent Low G	Bravity Sol	lids		6.9%		6.8%								#DIV/0!	#DI\	//0!		
ppb Low Grav	ity Solids			57 ppb		56 ppb							ŀ	Bit Impact	Noz			
Percent Barite				22.4%		18.5%								Force	Velo (ft/s	•		
ppb Barite				322 ppb		266 ppb	ВІТ	DATA	Ма	nuf./Ty	уре			#DIV/0!				
Estimated Total	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP	ft/hr	Motor/M\	WD	Calc. C	Dirc. P	ressure
Sample Taker	Ву			A. Roman		M Washburn	6 3/4									#	#DIV/0)!
Afternoon Rema	arks/Recon	nmendat	tions:				Afternoon I	Rig Activity:	· ·			1			ļ			
							corr sam dies while	ect amou e. Reduc el and ap	nt of flo e mud olication diesel.	uid. Ti wt.in on of o	rip in hole active pit centrifuge ice mud v	e with 3 system adde wt. of 4	31 sta m fro d Ber 100 bl	onitor well of ands of 4-2 m 11.0 to ntone clay bls in rese	1/2 dr 9.8 w to ma	illpipe t ith add aintain	to layo itions viscos	down of sity

Report #29 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

	NOLIA (OIL & G	SAS		TTERS	ON		HINGTON	١)4/22	/20	4 hr ftg.	0 ft			11,10	00 ft	t
Well Name and No.	ODRIC	H UNIT	2 - 2H	Rig Name ar	nd No. 248		State T I	EXAS		Spud Dat	•)4/26 <i>i</i>		Current RC	op Oft/hr		Activity T	est B	ОР	's
Report for	•	/1	D	Report for			Field / OCS-G #			Fluid Typ			Circulating			Circula	ating Pres		
Bobby					ol Pusi	ner		DINGS			OBI PUMP	-) gpm UMP #2		DIG	p: SER BO		TED
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	PLUME (BB	bbl	Liner			Liner Siz		25		r Size	,03	IER
9-17	8-35	4-18	>400	±230K	<10 <25	<10	In Hole	-	bbl bbl	Strok		12	Stroke		23		oke		
<u> </u>	0 00	1.0	7,00	5/30/20	110 120	5/29/20	Active			bbl/s		0.0763	bbl/stk				l/stk	0.0	000
Time Sample	Taken			2:00		12:30	Storage			stk/n		0	stk/mir)		/min	0.0	
Sample Locati	on			ACTIVE		ACTIVE	Tot. on Lo	cation 291	5 bbl	gal/n	nin	0	gal/mir	n ()	gal	/min	(0
Flowline Temp	erature °l	 F						PHHP = 0		_	CIR	CULATION	I DATA	\		n = (0.755	K = 7	3.64
Depth (ft)						11,090'	E	Bit Depth =	1		W	ashout = 0)%	ı	Pump	Effici	iency =	95%	6
Mud Weight (p	pg)			9.9		9.8	Drill String	Volume	to Bit	0.0	bbl	Strokes T	o Bit			Time	To Bit		
Funnel Vis (se	c/qt)		@ 85 °F	46		31	Disp.	Bottoms U	p Vol.	0.0 k	bbl	BottomsUp	Stks		Botto	msUp	Time		
600 rpm				27		31	0.0 bbl	TotalCir	c.Vol.	800.0	bbl	TotalCirc.	Stks		Tota	al Circ.	. Time		
300 rpm				16		19		DRILLING	S ASS	EMBL	Y DAT	A		S	OLID	s co	NTRO	L,	
200 rpm				12		14	Tubulars	OD (in.)	ID	(in.)	Leng	th To)	Unit		Scr	eens	Но	urs
100 rpm				8		10	Drill Pipe	4.500	3.8	826	0'	0'		Shaker	1	1	70		
6 rpm				5		5						0'		Shaker	2	1	70		
3 rpm				3		4						0'		Shaker	3	1	70		
Plastic Viscosi	ty (cp)		@ 150 °F	11		12						0'	(Centrifug	je 1				
Yield Point (lb/	100 ft²)		T0 = 1	5		7		CASIN	G & H	IOLE D	DATA								
Gel Strength (I	b/100 ft²)	10	sec/10 min	5/8		5/9	Casing	OD (in.)	ID	(in.)	Dep	th To	5						
Gel Strength (l	b/100 ft ²)		30 min	11		10	Riser	0			0'			VOLUM	IE AC	cou	NTING	(bb	ls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	10.0		6.0	Surface	10 1/2			2,99	1' 0'		Prev. T	otal c	n Loc	cation	29	912.
HTHP Cake T	hickness	(32nds)		1.0		2.0	Int. Csg.	7 5/8	6.8	875	10,27	73' 0'		Transfe	rred I	ln(+)/0	Out(-)		
Retort Solids (Content			13%		13%									Oil	l Adde	ed (+)		18.
Corrected Soli	ds (vol%)			11.5%		11.5%								E	Barite	Adde	ed (+)		7.0
Retort Oil Con	tent			67%		67%	Oper	n Hole Size	6.7	750	11,10	00'		Other Pr	oduct	Usaç	ge (+)		0.3
Retort Water (Content			20%		20%	AN	NULAR GE	OME	TRY &	RHEO	LOGY		١	Nater	Adde	ed (+)		
O/W Ratio				77:23		77:23	annula		as.	veloo ft/m	,	low EC		Le			gs (-)		0.0
Whole Mud Ch	•			38,000		40,000	section	i de	pth	IVIII	III	reg lb/g					ement		
Water Phase S				229,546		238,743							1	Non-Rec			, ,		-22.4
Whole Mud All		om		1.3		1.5								Est. T			_	29	915.3
Excess Lime (1.7 ppb		2 ppb								Est. Loss					0.0
Electrical Stab	- ` `	,		462 v		430 v											ICS DA		0
Average Spec		•		3.17		3.06							B	Sit H.S.I.	Bit	ΔΡ	Nozzle	es (3	∠nds
Percent Low G		lids		6.1%		6.8%									No	zzle			
ppb Low Gravi Percent Barite				50 ppb 5.4%		56 ppb 4.6%								t Impact Force	Velo	ocity	$\vdash \vdash$		
ppb Barite				78 ppb		4.6% 67 ppb	BIT D	ΔΤΔ	Ma	ınuf./Ty	me				(11/8	sec)	$\vdash \vdash$		
Estimated Total	al I CM in	System	ppb	, օ բբե		o, bhn	Size	Depth In		ours	Foota	ige ROP	ft/hr !	Motor/M\	WD.	Calc	c. Circ.	Pres	SUF
Sample Taken		J, 516111	Phn	A. Roman	0	M Washburn	6 3/4	_ Jopan III		0	. 5516					Jail	0110.		
Remarks/Reco		ons:			<u> </u>		Rig Activity:]]			
OBM REC			ihls				J												
OBM ON S				ols (stora	ge + Acti	ve)	additions	y down DF s of Diesel v spool, sta	and F	Runnin	ng Cer	trifuge. F	ig ope	erations:	Cha	ange	out Dr	ill Li	

OBM Kill mud on Hand----314bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(895bbl--12.5#)(398bbl--10#) // \$15.00/bbl
Eng. 1: Matt Meehan

with new spool, start testing BOP's (full Test). inspect Shakers and replace worn out screens, for up coming side track and drilling operations. At this time we continue testing BOP's.

hone: P 1	Y 1	 C 1	G 1	H 2	O 1	carefully	and may be	432-685-4023 ecommendation, exp used if the user so ation, and this is a r	elects, however	, no representati	has been prepared ion is made as to the	\$2,944.36	\$514,095.74
									INCLUDI	NC 2DD DAD	TY CHARGES	\$3.812.20	\$622,709,64

MATERIAL CONSUMPTION

	Y U	SAGE 8	COST							
								C	UMU	ATIVE
	- 10	Jnit Cost	Previous	Received	Closing	Daily	Daily Cost	-	Cum	Cum Cos
SK I			Inventory	Received	Inventory	Usage	Daily Gost	U	sage	
sk		\$162.83 \$44.50							31	\$1,379.5
al		\$41.36							2	\$82.72
I		\$32.23							4	\$128.92
sk	k	\$53.67	70		70				18	\$966.0
sk	k	\$53.67	120		120					
sk	k	\$30.37	30		30				10	\$303.70
sk	k	\$16.60	220		220				353	- '
sk		\$5.00	220		220				330	
sk		\$59.94	49		49				21	\$1,258.74
sk		\$83.59	44		40	4	\$334.36		40	\$3,343.60
sk	K	\$30.59	140		140				100 375	\$3,059.00
		\$10.75 \$8.34	550 515		550 515				300	
sk	le le	\$38.72	90		90				70	\$2,710.40
sk		\$5.25	72		72				98	\$514.50
sk		\$28.05	48		48				146	
sk		\$4.75	40		40				0	, .,,500.00
al	_	\$41.36	88		88				9	\$372.24
sk			70		70				-	
sk		\$163.94	22		22				18	\$2,950.92
sk	k	\$21.47	240		240				8	\$171.76
		\$9.31	975		975				125	\$1,163.75
sk		\$5.37	120		120					
sk	k	\$28.05	80		80					
_		011 50	400		400					
sk		\$11.50	160		160	400	¢700 00		2500	COLUMN
sk	iK .	\$7.00	900		800	100	\$700.00		3566	\$24,962.00
	_									
	_									
\dashv	+									
\dashv	+									
\dashv	+									
	+	\$65.00	890		890				5526	\$359,190.00
1									-	
			656		656				204	
ightharpoons										
		\$15.00	914		914				1716	\$25,740.00
	_ _									
\perp	\perp									
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\dashv	+									
\dashv	+									
\dashv	\dashv									
h	+	\$925.00				2	\$1,850.00		54	\$49,950.00
	1	\$30.00				2	\$60.00			\$1,620.00
h_		\$1.00								\$1,049.00
			_			_	_			
-+	-+	\$2.50								\$11,998.58
		\$795.00								\$1,590.00
		\$12.00							62	\$744.00
n	_	\$12.00		Ĺ					59	\$708.00
		Daily S	ub-Total ¢?	2.944.36	Cumulatio	ve Total \$5	14.095 74		\$514	95.74
ac ac	ach ach	ach ach ach ach ach	ach \$2.50 ach \$795.00 ach \$12.00 ach \$12.00	ach \$2.50 ach \$795.00 ach \$12.00 ach \$12.00	ach \$2.50 ach \$795.00 ach \$12.00	ach \$2.50 ach \$795.00 ach \$12.00 ach \$12.00	ach \$2.50 4799 ach \$795.00 2 ach \$12.00 62 ach \$12.00 59			

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
05/30/20	MAG	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	48	Repo	rt #29
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91						-		
Diesel 5/6/20	gal	\$0.90						-	5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93						-	7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96						-	7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	285		285				215	\$8,976.25
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11						-	5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12						-	7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12						-	7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13	7104		6336	768	\$867.84	-	866	\$978.58
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
					Daily S	Sub-Total \$	8867.84		\$108,6	313.90
								l L		
		=		5	700 51					
	Cumu	ulative Total	AES & 3rd	Party \$622	2,709.64					
						-				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEV

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
	54.0	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100
	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	-	-	-	-	-
	New Hole Vol.	181	491	17	_	-	4	70	_	103	71	34	12	-	0	_	_	_	_	_	_	_
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894
95	Chemical Additions	11	17			6	4	8	1	25	11	-	-	2	-	-	-	-	5	4	-	2
	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26
248	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-
-	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-
- ,-	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-
	Added for Washout	48	48								-	-	-	-	-	-	-	-	-	-	-	56
0 1,002	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91
	Surface Losses	7	23		10		16	40	30	30	-		-	-	-	-	-	-	-	217	-	-
,	Formation Loss			18				105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-
	Mud Loss to Cuttings	132	383	19			4	76		108	75		-	-	-	-	-	-	-	-	-	-
	Unrecoverable Volume			42	42				20		-		-	-	-	-	-	-	-	-	33	73
72	Centrifuge Losses	12	18	5						15	-		-	-	-	-	-	-	-	-	-	-
32,327	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73
2,014	Mud Transferred Out			382							1,632											
2,915	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912
130	Mud Recovered		130																			
				С	omment	s:					С	omment	s:					С	omment	s:		
		5/9/20		101bbls ski nent. Mud l					5/16/20					and trip suro and Trippin				mud on bac ook on to it.			tools and	TIH. Tag
6,617		5/10/20	bbls. Muc	o Cuttings 3 d recovered s 129.7-bbl	from, shak				5/17/20				. Mud lost ent. 14.54bb	to Cuttings	108-bbls,			ith fishing to ugh 18* dog				rk fishing
	-	5/11/20	Cent 5-bb	382-bbls to ls, Evap 12 Frucking 26	.5, TOOH/1				5/18/20	Drilling uncontinue d		ap. Fresh v	water pump	ed down ho	ole to	5/25/20		reset fishinç o Pump Do OBM.				
	5/12/20 Rec. 421-bbls 16.0 (KILL) lost 10-bbls to Trucking In to spacer contamination 42-bbls								5/19/20	Drilling uncontinue d		ap. Fresh v	water pump	ed down ho	ole to		Jaring on DP in the I	stuck pipe. hole.	Mix Isolatio	on sweep fo	r intention	aly plug
		5/13/20 Lost 10.2-bbls to Pit Settlement									time drillir with 13# m			umping fres	sh water	5/27/20	Well conti	om fish, Ci nue to take shoe, pump	mud. LCN	1 mix in acti	ve system	Kill well
		ind Pit Sett	lement 10-	5/21/20	Side Track down hole				umping fres	sh water	5/28/20		down Fish ement plug									
		, Pits 10-bb	ols Cent. 9-	5/22/20	Work stuc water. Kill	k pipe free, well and F	Dry ream	up to 15780	0, resume p	oump fresh	5/29/20		nent plug. down DP.									

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

					WEEK 4							WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4																				
Grand	Starting Depth	11,100	11,100																			
Totals	Ending Depth	11,100																				
	Footage Drilled	<u> </u>	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-
	New Hole Vol.	-	_	-	_	-	_	_	_	_	_		_	_	-	-	_	_	-	-	-	_
	Starting System Volume	2,912	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915
95	Chemical Additions	_,0 :_	2,0.0	_,0.0	_,0.0	_,0.0	_,0.0	_,0.0	2,0.0	_,0.0	_,0.0	_,0.0	2,0.0	_,0.0	_,0.0	_,0.0	_,0.0	_,0.0	2,0.0	_,0.0	_,0.0	_,0.0
	Base Fluid Added	18																				
	Barite Increase	7																				
	Weighted Mud Added	-																				
	Slurry Added	-																				
25,914	Water Added	-																				
	Added for Washout	-																				
	Total Additions	25	_	-	_	-	_	-	_	-	-	-	-	_	-		-		_			-
	Surface Losses	-																				
	Formation Loss	-																				
	Mud Loss to Cuttings	-																				
	Unrecoverable Volume	<u> </u>																				
	Centrifuge Losses	22																				
							l						l				l					
32,327		22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,014	Mud Transferred Out																					
2,915	Ending System Volume	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915	2,915
130	Mud Recovered																					
				С	omment	٠.																
		-									C	omment:	s:					С	omment	s:		
											С	omment	s:					С	omment	s:		
		5/30/20	Finish lay	down DP, (Change out	Drill line sp	pool and To	est BOP's.	6/6/20		С	omment	s:			6/13/20		С	comment	s:		
	٦	5/30/20	Finish lay stage new		Change out	Drill line sp	pool and To	est BOP's.	6/6/20		C	omment	s:			6/13/20		С	omment	s:		
6,617		5/30/20 5/31/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/6/20 6/7/20		C	omment	s:			6/13/20 6/14/20		С	comments	s:		
6,617			Finish lay stage new	down DP, (Change out	Drill line sp	pool and T				C	omment	s:					C	comment	s:		
6,617		5/31/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20		C	omment	s:			6/14/20		C	comment	s:		
6,617			Finish lay stage new	down DP, (Change out	Drill line sp	pool and To				C	omment	s:					С	comment	s:		
6,617		5/31/20 6/1/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20		C	omment:	s:			6/14/20		C	comment	s:		
6,617		5/31/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20		C	omment	s:			6/14/20		C	omment	s:		
6,617		5/31/20 6/1/20 6/2/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20 6/8/20 6/9/20		C	omment:	s:			6/14/20 6/15/20 6/16/20		C	comment	s:		
6,617		5/31/20 6/1/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20		C	omment	s:			6/14/20		C	comment	s:		
6,617		5/31/20 6/1/20 6/2/20 6/3/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20 6/8/20 6/9/20 6/10/20		C	omment	s:			6/14/20 6/15/20 6/16/20 6/17/20		C	comments	s:		
6,617		5/31/20 6/1/20 6/2/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and Ti		6/7/20 6/8/20 6/9/20		C	omment	s:			6/14/20 6/15/20 6/16/20		C	comments	s:		
6,617		5/31/20 6/1/20 6/2/20 6/3/20	Finish lay stage new	down DP, (Change out	Drill line sp	pool and To		6/7/20 6/8/20 6/9/20 6/10/20		C	omment	s:			6/14/20 6/15/20 6/16/20 6/17/20		C	comments	s:		

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

3.3° 6,485' TVD

Operator MAGN Well Name and No.	IOLIA C	OIL &	GAS	Contractor PA Rig Name a	TTERS	ON	County / Paris WAS State	h / Block HINGT(ON	-	er Start Dat 04/22/2		24 hr f			Drilled Activity	11,10	0 ft	
LEVI GO		H UNI	Г 2 - 2Н	-	248		Т	EXAS			04/26/	20				P/l	J 4-1/		DР
Report for Bobby (Gwinn/.	lames	s Dver	Report for	ool Pusi	ner	Field / OSC-G	# DDINGS	:	Fluid T	ype OBN	l	Circula	ating Rate		Circula	ting Press	ure	
Ворру			RTY SPECI			101		DLUME (PUMP :			PUMP #2		RIS	ER BO	OST	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		00 bbl	Liner	Size	5.25	Line		25		Size		
9-17	8-35	4-18		±230K	<10 <25	<10	In Hole		73 bbl	Stro		12			2	Stro			
<u> </u>		<u> </u>	PERTIES	120011	110 120	1.0	Active		64 bbl	bbl		0.0763			- 763		/stk		
Time Sample				2:00		15:30	Storag		07 bbl	stk/				/min	. 00	stk/			
Sample Locati				ACTIVE		ACTIVE	Tot. on Lo		80 bbl	gal/				/min			min		
Flowline Temp				7.02		7.02	Mud Wt. :		V=11	Ŭ		CIRCIII		N DATA		Ŭ).755	K = ⁻	73.6
Depth (ft)								Depth = 6				shout =			Pump		ency =		
Mud Weight (p	ona)			9.9		9.9			e to Bit	92.8		Strokes				Time ⁻			
Funnel Vis (se			@ 85 °F	46		45	Drill String Disp.	Bottoms				ottomsU				msUp			
600 rpm	,0,41)			27		30	35.6 bbl		circ.Vol.			TotalCir	•			ll Circ.			
300 rpm				16		18					LY DAT			1			NTROL		
200 rpm				12		13	Tubulars			(in.)	Length		ор	Unit			eens	Hoi	urs
100 rpm				8		9	Drill Pipe			326	6,528			Shaker	1		70		
6 rpm				5		5					5,5_5		528'	Shaker			70		
3 rpm				3		4						,	528'	Shaker			70		
Plastic Viscos	ity (cp)		@ 150 °F	11		12						·	528'	Centrifug					
Yield Point (lb			T0 = 1	5		6		CAS	ING &	HOLE	DATA				, -				
Gel Strength (10	sec / 10 min	5/8		5/9	Casing			(in.)	Depth	Т	ор						
Gel Strength (30 min	11		10	Riser	- (()				VOLUM	IE AC	COU	NTING	(bbl	s)
HTHP Filtrate			@ 300 °F	10.0		10.0	Surface	10 1/2			2,991			Prev. T	otal c	n Loc	ation	29	915.3
HTHP Cake T	•			1.0		2.0	Int. Csg.	7 5/8	6.8	375	10,273			Transfe					
Retort Solids (,		13%		13%										Adde	.,		
Corrected Soli	ids (vol%)			11.5%		11.5%										Adde	` ,		
Retort Oil Con	tent			67%		67%	Oper	n Hole Siz	e 6.	750	11,100)'		Other Pr	oduct	Usag	je (+)		
Retort Water (Content			20%		20%		NULAR (TRY	& RHEO	LOGY		١	Nater	Adde	ed (+)		
O/W Ratio				77:23		77:23				, , ala	aite de		CD.	Le	ft on (Cuttin	gs (-)		
Whole Mud Cl	hlorides (r	ng/L)		38,000		39,000	annula sectio	1 (lepth	ft/r	ocity flo		CD /gal		Gain	F/Ce	ment		
Water Phase	Salinity (p	pm)		229,546		234,172				<u> </u>				Non-Rec	overa	ıble V	ol. (-)		
Whole Mud Al	kalinity, P	om		1.3		1.5	6.875x4	1.5 6	,528'		la	m 9.	.90	Est. T	otal c	n Loc	ation	29	915.3
Excess Lime (lb/bbl)			1.7 ppb		2 ppb								Est. Los	ses/G	ains (-)/(+)		-35.6
Electrical Stab	ility (volts	.)		462 v		430 v								BIT	HYDF	RAUL	ICS DA	TA	
Average Spec			ids	3.17		3.17								Bit H.S.I.	Bit	ΔΡ	Nozzle	s (32	2nds)
Percent Low 0		-		6.1%		6.1%												20	20
ppb Low Grav				50 ppb		51 ppb								Bit Impact		zzle			
Percent Barite				5.4%		5.4%								Force		ocity sec)			
ppb Barite				78 ppb		77 ppb	BIT I	DATA	Ма	nuf./T	уре	HAL SF	R1R	-		•			
Estimated Total	al LCM in	System	1				Size	Depth I	n Ho	ours	Footag	e ROF	P ft/hr	Motor/M	WD	Calc	. Circ. I	Pres	sure
Sample Taker	n By			A. Roman		M Washburn	6 3/4										69 p	si	
Afternoon Rema		mmenda	tions:	l	I		Afternoon F	Rig Activity	:					ļ		<u> </u>	<u>.</u>		
							and prep circu	pick up r aration f	ewly in or side stem to	nspec track. o 9.8	ted 4-1/ When s currently	2" drillp start to / 9.9 in	oipe a circul	rill line spo and TIH to late will red e system	dress duce	off c	ement wt in	plug	g, in

9,976' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

15.6°

Table Tabl	Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA Rig Name ar	TTERS	ON	County / Parish / WASH	Block	N	Engineer (Spud Date)4/22		24 hr ft	0 ft		Orilled De		7 ft	
March Mar			H UN	IT 2 - 2H	Rig Name ar				EXAS				5/20	Current			•	emen	t/Circ	clate
Water Wat					Report for								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Circula						
Meight PV VP E.S. Cacil2 GELS HTHP In Piss 777 bb Liner Size 5.25 Liner Size 5.	Bobby	Gwinn/	/Jame	es Dyer	То	ol Pusi	ner	GID	DINGS			ОВ	М		192 gpm	n	1,	057	ps	i
Part Part		MUD	PROPI	ERTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)		PUMI	P #1		PUMP #2		RISE	R BC	OST	ER
Script	Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	77	7 bbl	Liner	Size	5.25	Liner	Size 5.	.25	Liner S	Size		
Storage	9-17	8-35	4-18	>400	±240K	<10 <25	<10	In Hole	407	7 bbl	Stro	ke	12	Stro	oke 1	12	Strok	e		
Sample Location					5/31/20		5/30/20	Active	118	3 bbl	bbl/s	stk	0.0763	bbl	/stk 0.0	763	bbl/s	tk	0.00	000
Flowing Flow	Time Sample	Taken			2:00		15:30	Storage	165	4 bbl	stk/r	nin	60	stk/	min	0	stk/m	in		
Depth (ft) 10,047 11.1 9.9 11.1 9.0 9	Sample Locati	ion			ACTIVE		ACTIVE	Tot. on Loc	cation 283	8 bbl	gal/r	nin	192	gal/	min e	0	gal/m	iin	0)
Mud Weight (psp) 11.1 9.9 Dill String Point Strokes To Bit 1.869 Trime To Bit 1.869 Disp. Bottoms Up Vol. 263.2 bbl Bottoms Up State 3.449 Total Circ. Sites 1.5690 Total Circ. Sites 1.5	Flowline Temp	perature °F	F		120 °F				PHHP = 11	9		CIF	RCULATIO	ON DA	TA		n = 0.6	652 I	ζ = 18	3.523
Funnel Vis (secriqn)	Depth (ft)				10,047'			Bit D	epth = 10,	029 '		١	Vashout =	0%		Pump I	Efficier	ncy =	95%	,
Full net	Mud Weight (p	opg)			11.1		9.9	Drill String	Volume	to Bit	142.6	bbl	Strokes	To Bit	1,869	Т	Time To	Bit	31 r	min
DRILLING ASSEMBLY DATA SOLIDS CONTROL	Funnel Vis (se	ec/qt)		@ 110 °F	44		45	Disp.	Bottoms U	lp Vol.	263.2	2 bbl	BottomsU	p Stks	3,449	Botton	nsUp T	ïme	57 r	min
200 pm	600 rpm				33		30	54.7 bbl	TotalCi	rc.Vol.	1182.8	8 bbl	TotalCi	c.Stks	15,500	Total	Circ. T	ïme	258	min
Drill Pipe 4.500 3.826 10,029 O	300 rpm				21		18		DRILLIN	G ASS	SEMBL	Y DA	ГА		s	OLIDS	CON.	TRO	_	
Section Se	200 rpm				18		13	Tubulars	OD (in.)	ID	(in.)	Len	gth 7	ор	Unit		Scree	ens	Hou	urs
3 rpm	100 rpm				10		9	Drill Pipe	4.500	3.	826	10,0)29'	0'	Shaker	r 1	170)	24	.0
Plastic Viscosity (cp)	6 rpm				6		5						10	,029'	Shakei	r 2	170)	24	.0
Yeld Point (lb/100 ft²) T0 = 2 9 6 CASING & HOLE DATA Top	3 rpm				4		4						10	,029'	Shaker	r 3	170)	24	.0
Gel Strength (lb/100 ft²) 10 sec/10 min 6/10	Plastic Viscosi	ity (cp)		@ 150 °F	12		12						10	,029'	Centrifuç	ge 1			2.	0
Retort Solids Content 18% 13% 20% ANNULAR GEOMETRY & RHEOLOGY Water Phase Salinity (ppm) 243,260 234,172 Whole Mud Alkalinity, Pom 2.0 2.6 ppb 2 ppb Electrical Stability (volts) Average Specific Gravity of Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% Prevent Low Gravity Solids 7.1% 6.8% 5.4% Prevent Low Gravity Solids 7.1% 6.8% 7.7 ppb Bit DATA Manuf,/Type HAL SR1R 7.4 bs 6.7 min for the first of the control	Yield Point (lb/	/100 ft²)		T0 = 2	9		6		CASIN	IG & H	HOLE [DATA								
HTHP Filtrate (cm/30 min)	Gel Strength (lb/100 ft²)	•	10 sec/10 min	6/10		5/9	Casing	OD (in.)	ID	(in.)	De	oth 7	ор						
HTHP Cake Thickness (32nds) 2.0 2.0 2.0 Int. Csg. 7 5/8 6.875 10,273' 0' Transferred In(+)/Out(-) Oil Added (+)	Gel Strength (lb/100 ft ²)		30 min	14		10	Riser	0			0	'		VOLUM	ME ACC	COUN.	TING	(bbl	s)
Retort Solids Content 18%	HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	10.0		10.0	Surface	10 1/2			2,9	91'	0'	Prev. 7	Γotal or	n Loca	tion	29	915.3
Retort Oil Content 62% 67% Open Hole Size 6.750 10,047' Other Product Usage (+)	HTHP Cake T	hickness ((32nds)	1	2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred In	n(+)/Ou	ut(-)		
Retort Oil Content 62% 67% Open Hole Size 6.750 10,047' Other Product Usage (+)	Retort Solids (Content			18%		13%									Oil	Added	(+)		16.2
Retort Water Content 20% 20% ANNULAR GEOMETRY & RHEOLOGY Water Added (+)	Corrected Soli	ids (vol%)			16.4%		11.5%									Barite /	Added	(+)		31.3
O/W Ratio 76:24 77:23 annular section welocity ft/min flow reg ECD lb/gal Left on Cuttings (-) Whole Mud Chlorides (mg/L) 41,000 39,000 234,172 Non-Recoverable Vol. (-) Non-Recoverable Vol. (-) Whole Mud Alkalinity, Pom 2.0 1.5 6.875x4.5 10,029' 174.5 lam 11.51 Est. Total on Location Excess Lime (lb/bbl) 2.6 ppb 2 ppb 2 ppb Est. Losses/Gains (-)/(+) Est. Losses/Gains (-)/(+) Electrical Stability (volts) 455 v 430 v BIT HYDRAULICS DAT Average Specific Gravity of Solids 3.34 3.17 Percent Low Gravity Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	Retort Oil Con	itent			62%		67%	Open	Hole Size	6.	750	10,0)47'		Other Pr	roduct l	Usage	(+)		2.9
Whole Mud Chlorides (mg/L)	Retort Water (Content			20%		20%	ANI	NULAR GE	OME	TRY &	RHE	DLOGY		,	Water	Added	(+)		
Water Phase Salinity (ppm) 243,260 234,172 Non-Recoverable Vol. (-) Whole Mud Alkalinity, Pom 2.0 1.5 6.875x4.5 10,029' 174.5 lam 11.51 Est. Total on Location Excess Lime (lb/bbl) 2.6 ppb 2 ppb Est. Losses/Gains (-)/(+) Est. Losses/Gains (-)/(+) Electrical Stability (volts) 455 v 430 v BIT HYDRAULICS DAT Average Specific Gravity of Solids 3.34 3.17 Percent Low Gravity Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	O/W Ratio				76:24		77:23	annular	· me	eas.	velo	city	flow E	CD	Le	eft on C	uttings	s (-)		0.0
Whole Mud Alkalinity, Pom 2.0 1.5 6.875x4.5 10,029' 174.5 lam 11.51 Est. Total on Location	Whole Mud Cl	hlorides (n	ng/L)		41,000		39,000	section	de	epth	ft/m	nin	reg lb	/gal		Gain	F/Cem	ent		
Excess Lime (lb/bbl) 2.6 ppb 2 ppb Electrical Stability (volts) 455 v 430 v Average Specific Gravity of Solids 3.34 3.17 Percent Low Gravity Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	Water Phase	Salinity (pp	pm)		243,260		234,172								Non-Red	coverab	ole Vol	. (-)	-1	27.7
BIT HYDRAULICS DAT	Whole Mud Al	kalinity, Po	om		2.0		1.5	6.875x4.	5 10,	029'	174	.5	lam 1	1.51	Est. 7	Γotal or	n Loca	tion_	28	38.0
Average Specific Gravity of Solids 3.34 3.17 Percent Low Gravity Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb Bit DATA Manuf./Type HAL SR1R 74 lbs 67	Excess Lime (lb/bbl)			2.6 ppb		2 ppb								Est. Los	ses/Ga	ains (-)	/(+)		0.0
Percent Low Gravity Solids 7.1% 6.1% ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb Bit DATA Manuf./Type HAL SR1R 74 lbs 67	Electrical Stab	ility (volts))		455 v		430 v								BIT	HYDR	AULIC	S DA	ATA	
ppb Low Gravity Solids 59 ppb 51 ppb Percent Barite 9.2% 5.4% ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	Average Spec	ific Gravity	y of Sol	ids	3.34		3.17								Bit H.S.I.	Bit /	AP N	Nozzle	es (32	2nds)
Percent Barite 9.2% 5.4% Bit Impact Force (ft/sec) ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	Percent Low G	Gravity Sol	lids		7.1%		6.1%								0.14	45	psi	20	20	20
Percent Barite 9.2% 5.4% Force (ft/sec) ppb Barite 133 ppb 77 ppb BIT DATA Manuf./Type HAL SR1R 74 lbs 67	ppb Low Grav	ity Solids			59 ppb		51 ppb								•					
	Percent Barite	•			9.2%		5.4%								Force		•			
Estimated Total LCM in System ppb Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. P	ppb Barite				133 ppb		77 ppb	BIT D	ATA	Ма	anuf./Ty	/pe	HAL SI	R1R	74 lbs	67	7			
	Estimated Total	al LCM in	System	n ppb				Size	Depth In	Н	ours	Foot	age RO	P ft/hr	Motor/M	WD	Calc.	Circ.	Pres	sure
Sample Taken By A. Roman 0 M Washburn 6 3/4 526 ps	Sample Taker	п Ву			A. Roman	0	M Washburn	6 3/4										526	psi	

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,431 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2838BBLS

OBM Kill mud on Hand----361bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(895bbl--12.5#)(398bbl--10#) //

Rig Activity:

BOP test completed 100%. Make up 6 3/4" bit and bit sub, start picking up 4 1/2" DP new string. Tag at 9955', install rotating head and break circulation and start dressing out cement plug. Soft cement and spacer down hole up on BU of circulation loosing 40bbls over the shakers. Gas up 4000+ units on BU, divert flow through ${\it Choke. \ Ciculate \ gas \ out \ holding \ back \ pressure. \ Casing \ pressure \ up \ 2100psi,}$ Increase MW up to 11.1ppg gradually while circulating and monitor pressure on back side with choke set at 30% open gradually as MW increase. 11.1ppg in and out, shutt in and change out Rotating head. Resume drilling on cement at time of report, bit passing 10170', ROP of 450ft/hr -- WOB 3-5klbs.

φ15.	UU/DL	JI													
Eng.	1:	Matt N	/leeha	ın	Er	ıg. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone	e: 9	985-35	51-756	31	Ph	one:	956-8	21-9994	Phone:	432-685-402	3 Phone:	-			
W F	Y 1	E 1	C 1	g 1	G 1	H 2	O 1	carefully	and may be	used if the user		er, no representat	has been prepared ion is made as to the	\$6,278.58	\$520,374.32
							•				INCLUE	DING 3RD PAR	RTY CHARGES	\$6,983.70	\$629,693.34

MATERIAL CONSUMPTION

05/31/20		NOLIA OIL USAGE 8		Well Name a	nd No. DDRICH UN	NT 2 - 2H	Rig Name and N 248	Repo	rt #30 LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	
DYNA DET	pail	\$32.23						4	· ·
DYNAFIBER C	25# sk	\$53.67	70		70			18	\$966.0
DYNAFIBER MED FIBER PLUG	25# sk	\$53.67	120		120			10	\$303.7
CACL2 (50)	40# sk 50# sk	\$30.37 \$16.60	30 220		30 200	20	\$332.00	373	
LIME (50)	50# sk	\$5.00	220		200	20	\$100.00	373	-
BENTONE 910 (50)	50# sk	\$59.94	49		49	20	Ψ100.00	21	
BENTONE 990 (50)	50# sk	\$83.59			40				\$3,343.6
OPTI G	50# sk	\$30.59	140		140			100	1
OPTI MUL HP	gal	\$10.75	550		550			375	\$4,031.2
OPTI WET	gal	\$8.34	515		460	55	\$458.70	355	\$2,960.7
NEW PHALT	50# sk	\$38.72	90		90			70	\$2,710.4
NEWCARB 200	50# sk	\$5.25	72		72			98	\$514.5
MAGMAFIBER F (25)	25# sk	\$28.05	48		48			146	\$4,095.3
OIL SORB (25)	25# sk	\$4.75	40		40				
PHPA LIQUID (pail)	5 gal	\$41.36			88			9	\$372.2
GEL (100)	100# sk		70		70				
BENTONE 38 (50)	50# sk	\$163.94	22		20	2	\$327.88		\$3,278.8
CYBERSEAL	25# sk	\$21.47	240		240			8	<u> </u>
Evo-Lube	gal	\$9.31	975		975			125	\$1,163.7
CAL CARB COARSE (50)	50# sk	\$5.37	120		120				
MAGMAFIBER R (30)	30# sk	\$28.05	80		80				-
		-							1
NEW WATE (CACK DADITE)	100# als	¢44.50	400		400				
NEW-WATE (SACK BARITE)	100# sk	\$11.50 \$7.00			160 350	450	\$3.1E0.00	4040	\$20.440
BARITE BULK (100)	100# sk	\$7.00	800		350	450	\$3,150.00	4016	\$28,112.0
									.
ODTI DDILL (ODEA)		*	e - ·						00=0
OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.
Manuella Overe d'ORM			0=0	c=-	1001				
Magnolia Owned OBM	bbl	-	656	378	1034			204	
Discounted High LGS OBM	bbl	\$15.00	914		914			1746	\$25,740.
2.000amoa riigii 200 Obivi	DDI	ψ13.00	314		314			1710	ψ=0,140.
									<u> </u>
		<u></u>							<u> </u>
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	56	\$51,800.
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		\$1,680.
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.0
TRUCKING (cwt)	each	\$2.50							\$11,998.
	each	\$795.00	Ī					2	\$1,590.0
TRUCKING (min)					+			 	
PALLETS (ea)	each	\$12.00						62	-
, ,								62 59	

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
05/31/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #30
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	285		285				215	\$8,976.25
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13	6336		5712	624	\$705.12		1490	\$1,683.70
	1	1		1	Daily	Sub-Total \$	705 12		\$109,3	219.02
					Dally	oup-1Uldl \$,, vJ. 12		φ109,3	. 13.02
					1					
	Cum	ulative Total	AES & 3rd	Party \$629	,693.34					
						I				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100
13.942	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	-	_	-	-	-
	New Hole Vol.	181	491	17	-	-	4	70	-	103	71	34	12	_	0	_	-	-	-	-	-	-
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894
98	Chemical Additions	11	17			6	4	8	1	25	11	-	-	2		-	-	-	5	4	-	2
2.192	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26
	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-
-	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-
25,914	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-
191	Added for Washout	48	48	39							-	-	-	-	-	-	-	-	-	-	-	56
34.912	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91
	Surface Losses	7	23	74	10		16	40	30	30	-	,	-	-	-		-	-	-	217	_	-
30,802		· ·		18	10		10	105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-
	Mud Loss to Cuttings	132	383	19			4	76		108	75	10,011	-	-		-		-		-	-	-
				42	42				20		-		-	-	-	_	-	-	-	-	33	73
72		12	18	5						15	-		-	-	-	_	-	-	-	-	-	-
20.455		454	405	450								40.04=	4.0=0	44.075	4 400		4.450	050	4 400		440	
32,455	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73
2,014	Mud Transferred Out			382							1,632											
2,838	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912
_,,,,,	Ending System Volume Mud Recovered	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912
_,,,,,		2,448		,-	,	,	2,755	2,753	2,348	2,141		,	•	2,075	1,555	2,403	1,971		,	•	2,894	2,912
_,,,,,		2,448	130	С	omment	s:		,		,	С	omment	s:	,	,	2,403	1,971		3,290 comments	•	2,894	2,912
_,,,,,			130 Trans in 2	C 101bbls ski	comment id vol. Cas	s: ing had 29	3bbls F sur	face		Mud Lost t	Co partial los	comments	s: seepage a	and trip surg	ge 500-		Pump Kill	C mud on bad	ck side, Pic	s: k up fishing	,	
_,,,,,		5/9/20	130 Trans in 2	С	comment id vol. Cas	s: ing had 29	3bbls F sur	face	5/16/20	Mud Lost t	Co partial los	comments	s:	and trip surg	ge 500-	2,403 5/23/20	Pump Kill	C	ck side, Pic	s: k up fishing	,	
_,,,,,			Trans in 2 displacem 12bbls	C 101bbls ski ent. Mud k	comment id vol. Cas ost to Cuttin	s: ing had 293 ngs 132.1bl	3bbls F sur bls, Evap 6	face i.6, Cent	5/16/20	Mud Lost to	Co partial los	comments	s: seepage a	and trip surg	ge 500-		Pump Kill	C mud on bad	ck side, Pic	s: k up fishing	,	
130		5/9/20	Trans in 2 displacem 12bbls	C 101bbls ski ent. Mud k	fomment id vol. Cas pst to Cuttin	s: ing had 29: ngs 132.1bl	3bbls F sur bls, Evap 6	face 6.6, Cent	5/16/20	Mud Lost to bbls, Evap bbls	o partial los 20-bbls, P	sses due to	s: seepage ant 10-bbls a	and trip surg and Tripping to Cuttings	ge 500- g out 20-	5/23/20	Pump Kill fish and ho	mud on bacook on to it.	ck side, Pic Start POC	s: k up fishing)H. o of fish 11	tools and	TIH. Tag
_,,,,,		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mud	C 101bbls ski ent. Mud k	d vol. Cas best to Cuttin 883.4-bbls, from, shak	s: ing had 29: ngs 132.1bl	3bbls F sur bls, Evap 6	face 6.6, Cent	5/16/20	Mud Lost to bbls, Evap bbls	o partial los 20-bbls, P	sses due to	s: o seepage a nt 10-bbls a	and trip surg and Tripping to Cuttings	ge 500- g out 20-		Pump Kill fish and ho	mud on bac	ck side, Pic Start POC	s: k up fishing)H. o of fish 11	tools and	TIH. Tag
130		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's	C 101bbls ski ent. Mud k o Cuttings 3 I recovered s 129.7-bbls	comment id vol. Cas post to Cuttin 383.4-bbls, from, shak s	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run	Bbbls F sur bls, Evap 6 bbls and C off due to s	face 6.6, Cent Cent. 18- sweeps	5/16/20 5/17/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56	o partial los 20-bbls, P o Formatio 6, Pits 10-b	sses due to it Settleme on 705-bbls.	s: o seepage a nt 10-bbls a Mud lost nt. 14.54bb	and trip surg and Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20	Pump Kill fish and ho	C mud on bac ook on to it. ith fishing to ugh 18* dog	ck side, Pic . Start POO pols in. Top legs. Rec	k up fishing DH. o of fish 111 eive 782bb	tools and	TIH. Tag
130		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's	C 101bbls ski ent. Mud k o Cuttings 3 I recovered s 129.7-bbl: 382-bbls to	comment id vol. Cas best to Cuttin 383.4-bbls, from, shak s	s: ing had 29: ngs 132.1bl Evap 23.2- er tank run Mud Lost (Bbbls F sur bls, Evap 6 bbls and C off due to s	face 6.6, Cent Cent. 18- Sweeps	5/16/20 5/17/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56	o partial lo: 20-bbls, P o Formatio 6, Pits 10-b	sses due to it Settleme on 705-bbls.	s: seepage ant 10-bbls a	and trip surg and Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20	Pump Kill fish and ho Kill well w tools throu	mud on bacook on to it.	ck side, Pic Start POC pols in. Top legs. Rec	k up fishing DH. o of fish 11' eive 782bb	tools and	TIH. Tag
130		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned:	C 101bbls ski ent. Mud k o Cuttings 3 I recovered s 129.7-bbl: 382-bbls to	Gomment and vol. Cass to Cutting B83.4-bbls, from, shakes Newpark.	s: ing had 29: ngs 132.1bl Evap 23.2- er tank run Mud Lost (Bbbls F sur bls, Evap 6 bbls and C off due to s	face 6.6, Cent Cent. 18- Sweeps	5/16/20 5/17/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56	o partial lo: 20-bbls, P o Formatio 6, Pits 10-b	sses due to it Settleme on 705-bbls.	s: o seepage a nt 10-bbls a Mud lost nt. 14.54bb	and trip surg and Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20	Pump Kill fish and ho Kill well w tools throu	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do	ck side, Pic Start POC pols in. Top legs. Rec	k up fishing DH. o of fish 11' eive 782bb	tools and	TIH. Tag
130		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned Cent 5-bbl bbls and T	C 101bbls ski ent. Mud k o Cuttings 3 I recovered is 129.7-bbl: 382-bbls to ls, Evap 12 Trucking 26-	d vol. Cas ost to Cuttin 383.4-bbls, from, shak s Newpark. .5, TOOH/I-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20	Mud Lost the bbls, Evap bbls Mud Lost the Evap 19.56 Drilling und continue di	Co partial los 20-bbls, P o Formatio 5, Pits 10-b	sses due to sses due to dit Settleme on 705-bbls. obls and Ce	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb	and trip surgand Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20	Pump Kill fish and ho Kill well wit tools throu POOH to 1 Continue to 1537bbls of	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM.	ck side, Pick Start POC pols in. Top I legs. Rec	k up fishing DH. o of fish 11' pive 782bbi	tools and 100' Works OBM (3rd attem to kill well.	TIH. Tag rk fishing npt). Received
130		5/9/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T	C 101bbls ski ent. Mud k c Cuttings 3 I recovered s 129.7-bbl: 382-bbls to ls, Evap 12 Trucking 26-	Fomment id vol. Cas ost to Cuttin 383.4-bbls, from, shaks s Newpark5, TOOH/I-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20	Mud Lost the bbls, Evap bbls Mud Lost the Evap 19.56 Drilling und continue di	Co partial location of partial locations of Formation of Formation of Formation of Pitts 10-bder Mud Carilling.	sses due to sses due to it Settleme on 705-bbls. obls and Ce ap. Fresh v	s: o seepage a nt 10-bbls a Mud lost nt. 14.54bb	and trip surgand Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20	Pump Kill fish and ho Kill well w tools throu POOH to 1 Continue t 1537bbls (1)	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe.	ck side, Pick Start POC pols in. Top I legs. Rec	k up fishing DH. o of fish 11' pive 782bbi	tools and 100' Works OBM (3rd attem to kill well.	TIH. Tag rk fishing npt). Received
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T	C 101bbls ski ent. Mud k o Cuttings 3 I recovered is 129.7-bbl: 382-bbls to ls, Evap 12 Trucking 26-	Fomment id vol. Cas ost to Cuttin 383.4-bbls, from, shaks s Newpark5, TOOH/I-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20	Mud Lost the bbls, Evap bbls Mud Lost the Evap 19.56 Drilling und continue di	Co partial location of partial locations of Formation of Formation of Formation of Pitts 10-bder Mud Carilling.	sses due to sses due to it Settleme on 705-bbls. obls and Ce ap. Fresh v	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb	and trip surgand Tripping to Cuttings	ge 500- g out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and ho Kill well wit tools throu POOH to 1 Continue to 1537bbls of	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe.	ck side, Pick Start POC pols in. Top I legs. Rec	k up fishing DH. o of fish 11' pive 782bbi	tools and 100' Works OBM (3rd attem to kill well.	TIH. Tag rk fishing npt). Received
130		5/9/20 5/10/20 5/11/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T	C 101bbls ski ent. Mud k c Cuttings 3 I recovered s 129.7-bbl: 382-bbls to ls, Evap 12 Trucking 26-	Fomment id vol. Cas ost to Cuttin 383.4-bbls, from, shaks s Newpark5, TOOH/I-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling und continue did to brilling und continue did to be belong the brilling und continue did to be belong to be be belong to be belon	Coopartial los 20-bbls, Poormation of Formation of Formation of Formation of Filter Mud Carilling.	sses due to sses due to dit Settleme on 705-bbls. obls and Ce ap. Fresh v	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb water pumpe	and trip surgand Tripping to Cuttings ed down ho	ge 500- ge out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and he Kill well wit tools through the Continue to 1537bbls to DP in the I	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe.	comment: ck side, Pic Start POC pols in. Top legs. Rec g tools and wm DP and	k up fishing DH. o of fish 11' o ever 782bbl TIH for fish back side	tools and 100' Wor is OBM (3rd attemto kill well.	TIH. Tag Tk fishing npt). Received
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T	C 101bbls ski ent. Mud le covered s 129.7-bbls 182-bbls to ls, Evap 12 rucking 26-bbls 16.0 (Ficontamination)	Somment id vol. Cas post to Cuttin 383.4-bbls, from, shak s Newpark5, TOOH/7-bbls KILL) lost 11 ion 42-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling und continue do Drilling und continue do Side Track	Co o partial los 20-bbls, P o Formatio 6, Pits 10-b der Mud Carilling.	sses due to sses due to dit Settleme on 705-bbls. obls and Ce ap. Fresh v	s: seepage ant 10-bbls a Mud lost nt. 14.54bb water pumper	and trip surgand Tripping to Cuttings ed down ho	ge 500- ge out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and he Kill well w tools throu Continue to 1537bbls of DP in the l	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole.	ck side, Pick Start POC pools in. Top I legs. Record goods and with DP and Mix Isolatic roulate whill mud. LCN	k up fishing DH. o of fish 11: eive 782bbi TIH for fish back side on sweep fo	100' Worls OBM (3rd attem to kill well. r intentiona g MW to 10 ve system.	TIH. Tag Tk fishing Apt). Received aly plug 0.7ppg. Kill well
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T Rec. 421-l to spacer of the space	C 101bbls ski ent. Mud le covered s 129.7-bbls 182-bbls to ls, Evap 12 rucking 26-bbls 16.0 (Ficontamination)	Somment id vol. Cas post to Cuttin 383.4-bbls, from, shak s Newpark5, TOOH/7-bbls KILL) lost 11 ion 42-bbls	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bls, Evap 6 -bbls and C off due to s Cuttings 19 , Shaker R	face 6, Cent Cent. 18- weeps -bbls, un off 42.2	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling und continue do Drilling und continue do Side Track	Co o partial los 20-bbls, P o Formatio 6, Pits 10-b der Mud Carilling.	sses due to sses due to dit Settleme on 705-bbls. obls and Ce ap. Fresh v	s: seepage ant 10-bbls a Mud lost nt. 14.54bb water pumper	and trip surgand Tripping to Cuttings ed down ho	ge 500- ge out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and he Kill well w tools throu Continue to 1537bbls of DP in the l	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole.	ck side, Pick Start POC pools in. Top I legs. Record goods and with DP and Mix Isolatic roulate whill mud. LCN	k up fishing DH. o of fish 11: eive 782bbi TIH for fish back side on sweep fo	100' Worls OBM (3rd attem to kill well. r intentiona g MW to 10 ve system.	TIH. Tag Tith. Tag Tith this ing
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T Rec. 421-lto spacer Lost 10.2-	C 101bbls ski ent. Mud lo c Cuttings 3 I recovered s 129.7-bbl 382-bbls to ls, Evap 12 rucking 26- bbls 16.0 (Accontamination	Comment id vol. Cassost to Cutting 383.4-bbls, from, shakes Newpark5, TOOH/1-bbls KILL) lost 1 ion 42-bbls Settlement	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bbls, Evap 6 bbls and C off due to s Cuttings 19 , Shaker R	face .6, Cent .ent. 18eventsebls, .un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling und continue di Drilling und continue di Side Track down hole	Coopartial los 20-bbls, Poor Formation So, Pits 10-bder Mud Carilling.	omment. sses due to it Settleme in 705-bbls. sbls and Ce ap. Fresh v ap. Fresh v ap 16027. (s: seepage a nt 10-bbls a Mud lost nt. 14.54bb water pumper continue puback side.	and trip surgand Tripping to Cuttings ed down ho	ge 500- g out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and he Kill well wit tools through the Continue to 1537bbls to	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole.	comment: ck side, Pic Start POC pols in. Top legs. Rec g tools and own DP and Mix Isolatic rculate whil mud. LCM b balance pl	k up fishing DH. o of fish 11' eive 782bbi TIH for fish back side on sweep fo e increasin mix in acti ug to POOI	100' Worls OBM (3rd attemto kill well.) r intentiona g MW to 10 ve system. H and pick	TIH. Tag Tith. Tag The fishing The fishin
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Mucand ROC's Returned: Cent 5-bbl bbls and T Rec. 421-lto spacer of the spacer	C 101bbls ski ent. Mud le covered s 129.7-bbls 182-bbls to ls, Evap 12 rucking 26-bbls 16.0 (Ficontamination)	Comment id vol. Cassost to Cutting 383.4-bbls, from, shakes Newpark5, TOOH/1-bbls KILL) lost 1 ion 42-bbls Settlement	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bbls, Evap 6 bbls and C off due to s Cuttings 19 , Shaker R	face .6, Cent .ent. 18eventsebls, .un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost the bbls, Evap bbls Mud Lost the Evap 19.56 Drilling und continue did brilling und	o partial lot 20-bbls, P o Formatio 5, Pits 10-b der Mud Ca rilling. der Mud Ca rilling.	comment: sses due to sses due to sses due to still Settleme on 705-bbls. bbls and Ce ap. Fresh v ap. Fresh v ap. Fresh v ap. fresh v ap. fresh v	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb water pumper continue puback side.	and trip surgand Tripping to Cuttings ed down ho	ge 500- g out 20- 108-bbls,	5/23/20 5/24/20 5/25/20	Pump Kill fish and he kill well w tools through to some the continue to 1537bbls of the light tools and the light tools are tools and the light tools are tools and the light tools are to	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole. rom fish, Cinnue to take shoe, pump down Fishing to the pump of down Fishing to the pump of down Fishing the pump of the	ck side, Pick Start POC pols in. Top legs. Record to the pols and the pols and the pols in	k up fishing OH. o of fish 11' eive 782bbi TIH for fish back side on sweep for e increasin I mix in acti ug to POOl	100' Worls OBM (3rd attemto kill well. r intentiona g MW to 1(ve system. H and pick 8" stinger a	TIH. Tag The fishing apt). Received ally plug 0.7ppg. Kill well up stinger and TIH for
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T Rec. 421-lto spacer Lost 10.2-	C 101bbls ski ent. Mud lo c Cuttings 3 I recovered s 129.7-bbl 382-bbls to ls, Evap 12 rucking 26- bbls 16.0 (Accontamination	Comment id vol. Cassost to Cutting 383.4-bbls, from, shakes Newpark. 5.5, TOOH/1-bbls (ILL) lost 1 ion 42-bbls Settlement	s: ing had 293 ngs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls	3bbls F sur bbls, Evap 6 bbls and C off due to s Cuttings 19 , Shaker R	face .6, Cent .ent. 18eventsebls, .un off 42.2 Mud lost	5/16/20 5/17/20 5/18/20 5/19/20	Mud Lost the bbls, Evap bbls Mud Lost the Evap 19.56 Drilling und continue did brilling und	o partial lot 20-bbls, P o Formatio 5, Pits 10-b der Mud Ca rilling. der Mud Ca rilling.	comment. sses due to it Settleme in 705-bbls. sbls and Ce ap. Fresh v ap. Fresh v ap. fresh v ap. fresh v	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb water pumper continue puback side.	and trip surgand Tripping to Cuttings ed down ho	ge 500- g out 20- 108-bbls,	5/23/20 5/24/20 5/25/20 5/26/20	Pump Kill fish and ho tools through the Continue to 1537bbls of DP in the IUn latch fr Well continued to 1500	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole. rom fish, Cinnue to take shoe, pump down Fishing to the pump of down Fishing to the pump of down Fishing the pump of the	ck side, Pick Start POC pols in. Top legs. Record to the pols and the pols and the pols in	k up fishing OH. o of fish 11' eive 782bbi TIH for fish back side on sweep for e increasin I mix in acti ug to POOl	100' Worls OBM (3rd attemto kill well. r intentiona g MW to 1(ve system. H and pick 8" stinger a	TIH. Tag The fishing apt). Received ally plug 0.7ppg. Kill well up stinger and TIH for
130		5/9/20 5/10/20 5/11/20 5/12/20 5/13/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T Rec. 421-l to spacer to spacer to spacer to bbls.	C 101bbls ski ent. Mud le covered s 129.7-bbls 382-bbls to ls, Evap 12 rucking 26-bbls 16.0 (Econtamination of the covered ships and the covered ships are stated by the covered ships are stated by the covered ships are stated ships are ships are stated ships are ships are stated ships are stated ships are stated ships are stated ships are stated ships are stated ships are stated ships are ships are stated ships are stated ships are ships are stated ships are stated ships are ships are ships are ships are ships are ships are ships are ships are ships are ships are ships are ship	Romment dd vol. Cas post to Cuttin 383.4-bbls, from, shak s Newpark5, TOOH/7-bbls KILL) lost 11 ion 42-bbls Settlement .5-bbls, Ev	s: ing had 29: ggs 132.1bl Evap 23.2- er tank run Mud Lost (TIH 35-bbls 0-bbls to Ti	Subblis F surples of the subble and Coff due to subble and Coff due to subble and Coff due to subble and Figure 19 subble and Pit Sett	face 6.6, Cent Cent. 18- Events -bbls, un off 42.2 . Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling uncontinue di Drilling uncontinue di Side Track down hole Side Track down hole	Co partial los 20-bbls, P o Formatio S, Pits 10-b der Mud Ca rilling. time drilling with 13# m	forment. sses due to lit Settleme n 705-bbls. sbls and Ce ap. Fresh v ap. Fresh v ap. Fresh v ap. fresh v ap. fresh v ap. fresh v ap. fresh v ap. fresh v	s: seepage ant 10-bbls and 10	and trip surgand Tripping to Cuttings ed down ho	ge 500- g out 20- 108-bbls, ble to h water	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	Pump Kill fish and ho tools through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through the lost through through the lost thro	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole. rom fish, Cin nue to take shoe, pump y down Fishi cement plug	ck side, Pick side, Pi	k up fishing OH. of fish 11' over 782bb TIH for fish back side over sweep for e increasin mix in acti ug to POOl over up 2 7/ the hole, ci	tools and 100' Works OBM (3rd attemto kill well. r intentiona g MW to 10 ve system. H and pick 8" stinger a reculating Si	TIH. Tag Tith. Tag
130		5/9/20 5/10/20 5/11/20 5/12/20	Trans in 2 displacem 12bbls Mud lost to bbls. Muc and ROC's Returned: Cent 5-bbl bbls and T Rec. 421-to spacer to spacer to bbls Mud Lost to bbls Mud Lost to bbls Mud Lost to bbls	C 101bbls ski ent. Mud lo c Cuttings 3 I recovered s 129.7-bbl 382-bbls to ls, Evap 12 rucking 26- bbls 16.0 (Accontamination	Gomment dd vol. Caspet to Cuttin 383.4-bbls, from, shak s Newpark5, TOOH/7-bbls KILL) lost 11 ton 42-bbls Settlement .5-bbls, Ev	s: ing had 29: gs 132.1bl Evap 23.2: er tank run Mud Lost (FIH 35-bbls 0-bbls to Ti ap 6-bbls a	Subblis F surples of the subble and Coff due to subble and Coff due to subble and Coff due to subble and Figure 19 subble and Pit Sett	face 6.6, Cent Cent. 18- Events -bbls, un off 42.2 . Mud lost	5/16/20 5/17/20 5/18/20 5/19/20 5/20/20	Mud Lost to bbls, Evap bbls Mud Lost to Evap 19.56 Drilling uncontinue di Drilling uncontinue di Side Track down hole Side Track down hole	o partial lot 20-bbls, P o Formation 5, Pits 10-b der Mud Carilling. der Mud Carilling. time drilling with 13# m c pipe free,	comments. Sses due to the sses due to the still Settleme and 705-bbls. Soble and Cellar. Specific Settleme and Cellar. S	s: seepage a nt 10-bbls a Mud lost nt. 14.54bb water pumper continue puback side.	and trip surgand Tripping to Cuttings ed down ho	ge 500- g out 20- 108-bbls, ble to h water	5/23/20 5/24/20 5/25/20 5/26/20 5/27/20	Pump Kill fish and ho tools through the continue to 1537bbls to 15	mud on bacook on to it. ith fishing to ugh 18* dog reset fishing to Pump Do OBM. stuck pipe. hole. rom fish, Cinnue to take shoe, pump down Fishing to the pump of down Fishing to the pump of down Fishing the pump of the	comment: ck side, Pic Start POC cools in. Top legs. Rec g tools and own DP and Mix Isolatic rculate whil mud. LCN b balance pl ing tools. F J. Stage in	k up fishing OH. o of fish 11' eive 782bb TIH for fish back side on sweep for e increasing mix in acti ug to POOI citch up 2 7/ the hole, ci	I tools and in tools and in tools and in tools and in tools and in tools are intentional graph of the system. It is a system in the system in	TIH. Tag Tk fishing apt). Received aly plug 0.7ppg. Kill well up stinger and TIH for urf. Surf -surf.

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: MAG Rig Name: 248

MAGNOLIA OIL & GAS

Rig Name: Well Name:

					WEEK 4							WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4	6 3/4																			
Grand	Starting Depth	11,100	11,100	10,170																		
Totals	Ending Depth	11,100	10,170																			
	Footage Drilled	-	-	-	-	-	-	-	-	-	-	_	_	-	-	-	-	-	-	-	-	-
•	New Hole Vol.	-	-	-	-	-	-	-	-	-		-	-	-	-	-	_	_	-	-	-	-
		1																				
	Starting System Volume	2,912	2,915	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838
	Chemical Additions	-	3																			
, -	Base Fluid Added	18	16																			
	Barite Increase	7	31																			
	Weighted Mud Added	-	-																			
	Slurry Added	-	-																			
	Water Added	-	-																			
	Added for Washout	-	-																			
,	Total Additions	25	50	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
	Surface Losses	-	-																			
	Formation Loss	-	-																			
797	Mud Loss to Cuttings	-	-																			
	Unrecoverable Volume	-	128																			
72	Centrifuge Losses	22																				
32,455	Total Losses	22	128	_	1 _	_	_	_	-	-	_	_		_	_	_	_	_	_	_	_	_
,			120																			
2,014	Mud Transferred Out																					
2,838	Ending System Volume	2,915	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838
130											,		_,	,	,		,	_,000	,			
130	Mud Recovered											•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		,	_,000	,			
130	Mud Recovered				`ammant	2						ommont	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,			,	ammont	<u> </u>		
130	Mud Recovered			C	omment	s:					С	omment	,	, , , , ,				,	omment	s:		
130	Mud Recovered	F /00 /00	Finish lay				pool and To	est BOP's.	0/0/00		C	omment	,		,	040/00		,	omment	s:		
130	Mud Recovered	5/30/20	Finish lay stage new	down DP, (Comments Change out e racks for p	: Drill line s	pool and To	est BOP's.	6/6/20		C	omment	,		,	6/13/20	,	,	omment	s:		
130	Mud Recovered		stage new	down DP, (DP on pipe	Change out e racks for p	Drill line s			6/6/20		C	omment	,		,	6/13/20	,	,	omment	s:		
	Mud Recovered		stage new	down DP, (DP on pipe ew DP. Ci	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up			C	omment	,					,	omment	s:		
6,617	Mud Recovered		TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p	Drill line s pick up . of the cem	ent plug, G	as up	6/6/20		C	omment	,			6/13/20		,	comment	s:		
	Mud Recovered		stage new	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up			C	omment	,					,	comment	s:		
	Mud Recovered	5/31/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20		,	omment	s:		
	Mud Recovered		TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up			C	omment	,					,	omment	s:		
	Mud Recovered	5/31/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20		,	comment	s:		
	Mud Recovered	5/31/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20		,	comment	s:		
	Mud Recovered	5/31/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20 6/15/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20 6/15/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20		C	omment	,			6/14/20 6/15/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20		C	omment	,			6/14/20 6/15/20 6/16/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20		C	omment	,			6/14/20 6/15/20 6/16/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20		C	omment	,			6/14/20 6/15/20 6/16/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20 6/3/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20 6/10/20		C	omment	,			6/14/20 6/15/20 6/16/20 6/17/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20 6/3/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20 6/10/20		C	omment	,			6/14/20 6/15/20 6/16/20 6/17/20		,	comment	s:		
	Mud Recovered	5/31/20 6/1/20 6/2/20 6/3/20	TIH with n	down DP, (DP on pipe ew DP. Cir . Condition	Change out e racks for p rculate top	Drill line s pick up . of the cem	ent plug, G	as up	6/7/20 6/8/20 6/9/20 6/10/20		C	omment	,			6/14/20 6/15/20 6/16/20 6/17/20		,	comment	s:		

110 Old Market St. St Martinville, LA 70582

TEL: (337) 394-1078

0.3° 100' TVD

MAGN Well Name and No		OIL & G	AS	Contractor PA Rig Name ar	TTERS	ON	WASI State	h / Block HINGTO	N	Engineer St 04, Spud Date	/22/20	24 hr f	ftg. nt ROP		rilled E	Depth 10,37	5 ft	
LEVI GO		H UNIT	2 - 2H	Nig Name a	248			EXAS		l [']	/26/20	Cuitei	II NOP		,	J DIR	вн	IA
Report for			_	Report for			Field / OSC-G			Fluid Type			ating Rate		irculati	ng Press	ure	
Bobby					ol Pusi	ner		DINGS			DBM		192 gpm					
		l	TY SPECII					DLUME (BE			JMP #1		PUMP #2			ER BO	OST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl	Liner Siz					Liner			
9-17	8-35	4-18	>400	±240K	<10 <25	<10	In Hole			Stroke	12			2	Stro			
		JD PROP	ERTIES				Active		bbl	bbl/stk				763	bbl/s			
Time Sample				2:00		15:30	Storag			stk/min			/min		stk/r			
Sample Locat				ACTIVE		ACTIVE		cation 290		gal/min			/min		gal/r			
Flowline Temp	erature °	_		120 °F				11.1 PV		YP=9			ON DATA			.652 K		
Depth (ft)				10,047'		10,375'	Bit	Depth = 10			Washou			Pump E				
Mud Weight (p				11.1		11.1	Drill String Disp.			1.4 bbl		es To Bit			ime T		0 m	
Funnel Vis (se	ec/qt)		@ 110 °F	44		45	·	Bottoms U				Up Stks		Bottom	•		1 m	
600 rpm				33		31	0.5 bbl			781.0 bl		Circ.Stks				Time '	171	min
300 rpm				21		20		DRILLING						OLIDS				
200 rpm				18		16	Tubulars	` ,		` ,	ength	Тор	Unit		Scre		Ηοι	ırs
100 rpm				10		11	Drill Pipe	4.500	3.8	326	100'	400	Shaker		17			
6 rpm				6		6						100'	Shaker		17			
3 rpm			0.450.05	4		5						100'	Shaker		17	0		
Plastic Viscos	,		@ 150 °F	12		11		0.4.011	•	101 5 0		100'	Centrifuç	ge 1				
Yield Point (lb.			T0 = 2	9		9				HOLE DA			_					
Gel Strength (ec / 10 min	6/10		5/8	Ū	OD (in.)	טו	(in.) [Depth	Тор	VOLUM	1E 400		ITINO	/ 1	
Gel Strength (30 min	14		11	Riser	40. 4/0			0041		VOLUM					
HTHP Filtrate		-	@ 300 °F			9.0		10 1/2	6.0		2,991'		Prev. T				20	38.0
HTHP Cake T		(321108)		2.0		2.0	Int. Csg.	7 5/8	0.0	375 1	0,273'		Transfe		` ,	` ,		
Retort Solids (18% 16.4%		16.5%									Adde	` ,		
Corrected Soli Retort Oil Con	. ,			62%		62%	Open	n Hole Size	6.7	750 1	0,375'		Other Pr	Barite A		` ,		
Retort Water (20%		20%		NULAR GE				,	_	Water A	Ū	` ,		
O/W Ratio	Jontent			76:24		76:24	AN	INOLAN GE	OWIL	I WI WIN			_	ft on Cu		` ,		
Whole Mud Cl	hlorides (r	ma/L)		41,000		40,000	annula section	i de	pth	velocity ft/min		ECD lb/gal	Le	Gain F	·			
Water Phase				243,260		238,743							Non-Rec					
Whole Mud Al		. ,		2.0		2.1	6.875x4	l.5 10	00'	174.5	lam	11.51		otal on		` ,	28	38.0
Excess Lime (2.6 ppb		2.7 ppb					iaiii		Est. Los			_		68.6
Electrical Stab		.)		455 v		410 v								HYDR/		,		
Average Spec		<u> </u>	S	3.34		3.33							Bit H.S.I.	Bit Δ		Nozzles		nds)
Percent Low 0				7.1%		7.2%							0.14	45 p	-		20	20
ppb Low Grav				59 ppb		59 ppb							Dit Impost	Nozz	:le			
Percent Barite				9.2%		9.3%							Bit Impact Force	Veloc (ft/se	-			
ppb Barite				133 ppb		133 ppb	BIT D	DATA	Ma	nuf./Type	e HAL	SR1R	74 lbs	67	´ -			
Estimated Tot	al LCM in	System					Size	Depth In				OP ft/hr	Motor/M	WD (Calc.	Circ. F	res	sure
Sample Taker	n By			A. Roman		M Washburn	6 3/4									55 p	si	
Afternoon Rem	-	nmendatio	ns:	<u> </u>	<u> </u>	<u> </u>	Afternoon R	Rig Activity:					Į					
							circu 1004 1037 hole	late out ga 17 to 1027 75, circulat for direction	as thr 4, circ e and onal E	u choke culate bo d maintai 3HA. Ad	increase ottoms up in 11.1 mu ded barite	mud wt thru ch ıd wt, c , lime, (65, drill cer from 9.8 to oke, drill co heck flow, CaCL2 to r e suspens	o 11.1, ement slug pi maintai	drill from ipe a n co	cemer 1024 nd pul ncentr	nt fro to I out ation	om t of ns

report is 100'.

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

47.5° 10,326' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA Rig Name ar	TTERS	ON	County / Parish / WASH	Block	N	Engineer Control Spud Date)4/22		24 hr ftg	49 ft		Orilled De	-	4 ft
LEVI GO		H UN	IT 2 - 2H	Rig Name ar	248			EXAS		l .	•)4/26	5/20	Current	8 ft/hr	ľ	•	e D	rilling
Report for				Report for			Field / OCS-G #			Fluid Type			Circulati	ing Rate	(Circulatin		
Bobby	Gwinn/	/Jame	s Dyer	То	ol Pusi	ner	GID	DINGS			ОВ	М	2	272 gpm	1	2,	560	psi
	MUD	PROPI	ERTY SPECIF	ICATION	s		MUD VO	LUME (BB	BL)	-	PUMI	P #1		PUMP #2		RISE	R BC	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	790) bbl	Liner	Size	5.25	Liner	Size 5.	25	Liner S	Size	
9-17	8-35	4-18	>400	±245K	<10 <25	<10	In Hole	419) bbl	Strok	ke	12	Stro	ke 1	2	Strok	е	
				6/1/20		5/30/20	Active	120	9 bbl	bbl/s	stk	0.0763	bbl/	stk 0.0	763	bbl/s	tk	0.0000
Time Sample	Taken			2:00		15:30	Storage	<u>165</u>	4 bbl	stk/m	nin	0	stk/r	min 8	35	stk/m	in	
Sample Locati	ion			ACTIVE		ACTIVE	Tot. on Loc	cation 286	3 bbl	gal/n	nin	0	gal/r	min 2	72	gal/m	in	0
Flowline Temp	perature °F	F		130 °F				PHHP = 40	7		CIF	RCULATIO	N DA	ГА	I.	n = 0.6	670 I	ζ = 172.089
Depth (ft)				10,423'		10,375'	Bit C	epth = 10,	424 '		١	Washout =	2%		Pump	Efficier	псу =	95%
Mud Weight (p	opg)			11.1		11.1	Drill String	Volume	to Bit	146.8	bbl	Strokes	To Bit	1,924	7	Time To	Bit	23 min
Funnel Vis (se	ec/qt)		@ 110 °F	48		45	Disp.	Bottoms U	p Vol.	272.6	bbl	BottomsU	p Stks	3,572	Botton	nsUp T	ime	42 min
600 rpm				35		31	59.2 bbl	TotalCir	rc.Vol.	1209.4	4 bbl	TotalCir	c.Stks	15,849	Total	Circ. T	ime	186 min
300 rpm				22		20		DRILLING	G ASS	SEMBL'	Y DA	ГА		s	OLIDS	CON	TRO	_
200 rpm				18		16	Tubulars	OD (in.)	ID	(in.)	Len	gth T	ор	Unit		Scree	ns	Hours
100 rpm				12		11	Drill Pipe	4.500	3.	826	7,6	88'	0'	Shaker	1	170)	12.0
6 rpm				7		6	Agitator	4.500	3.	.000	3	7' 7,	688'	Shaker	2	170)	12.0
3 rpm				6		5	Drill Pipe	4.500	3.	826	2,5	53' 7,	725'	Shaker	3	170)	12.0
Plastic Viscos	ity (cp)		@ 150 °F	13		11	Dir. BHA	5.250	2.	500	14	5' 10	279'	Centrifug	je 1			
Yield Point (lb.	/100 ft²)		T0 = 5	9		9		CASIN	IG & F	HOLE D	ATA							
Gel Strength ([lb/100 ft²)	,	10 sec/10 min	6/11		5/8	Casing	OD (in.)	ID	(in.)	De	pth T	ор					
Gel Strength ((lb/100 ft ²)		30 min	14		11	Riser	0			0	'		VOLUN	IE AC	COUN	TING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	8.0		9.0	Surface	10 1/2			2,9	91'	0'	Prev. T	otal or	n Loca	tion	2838.0
HTHP Cake T	hickness ((32nds)	ı	2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred Ir	n(+)/Ou	ıt(-)	
Retort Solids (Content			17%		18%									Oil	Added	(+)	24.6
Corrected Soli	ids (vol%)			15.3%		16.5%								1	Barite	Added	(+)	0.0
Retort Oil Con	ntent			63%		62%	Open	Hole Size	6.	885	10,4	124'		Other Pr	oduct	Usage	(+)	12.0
Retort Water (Content			20%		20%	ANI	NULAR GE	OME	TRY &	RHE	DLOGY		\	Water .	Added	(+)	24.0
O/W Ratio				76:24		76:24	annular	me	eas.	veloc	city	flow E	CD	Le	ft on C	uttings	s (-)	-2.3
Whole Mud Cl	hlorides (n	ng/L)		42,000		40,000	section		pth	ft/m	,		/gal					
Water Phase	Salinity (p	pm)		247,723		238,743				1	Į.	·		Non-Rec	overal	ole Vol	. (-)	-33.0
Whole Mud Al	kalinity, P	om		2.4		2.1	6.875x4.	5 7,6	688'	247	.2	turb 11	.67	Est. T	otal or	n Loca	tion	2863.4
Excess Lime ([lb/bbl)			3.1 ppb		2.7 ppb	6.875x4.	5 7,7	725'	247	.2	turb 11	.68	Est. Los	ses/Ga	ains (-).	_ /(+)	0.0
Electrical Stab	oility (volts))		460 v		410 v	6.875x4.	5 10,	273'	247	.2	turb 11	.68	BIT	HYDR	AULIC	S DA	ATA
Average Spec	ific Gravity	y of Sol	ids	3.53		3.33	6.885x4.	5 10,	279'	245	.9	turb 11	.69	Bit H.S.I.	Bit A	ΔP N	Nozzle	es (32nds)
Percent Low 0	Gravity Sol	lids		5%		7.2%	6.885x5.2	25 10,	424'	336	.5	turb 11	.71	0.24	54	psi	18	15 15
ppb Low Grav	ity Solids			41 ppb		59 ppb							ŀ	Bit Impact	Noz		16	16 16
Percent Barite)			10.4%		9.3%								Force	Velo (ft/se	•		
ppb Barite				149 ppb		133 ppb	BIT D	ATA	Ma	anuf./Ty	ре	Ulterra/U	611s	116 lbs	74	·		
Estimated Tot	al LCM in	System	n ppb				Size	Depth In	Н	ours	Foot	age ROI	P ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker	n By			A. Roman	0	M Washburn	6 3/4	10,375 ft	6	6.0	49		3.2	2,240 p	osi	3	3,143	psi
									<u> </u>					·				

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,444 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2863BBLS

OBM Kill mud on Hand----361bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(895bbl--12.5#)(398bbl--10#) //

\$15.00/bbl

Rig Activity:

Drill on Cement plug down to 10,375'. Pump Slug and POOH to lay down Bit and Bit sub, and Pick up Directional tools for side track. TIH @ 10295 install rotating head, continue to wash and ream down to 10375' to resume drilling. Commence Time Drilling for side track. Mud Weight maintain at 11.1ppg, and resume conservative treatment with Lime for Alkalinity, CaCl2 for WPS. Additions of Opti G and NewPhalt to reduce Fluid Loss and Bentone to increase Pv & Yp as per specs recommended. Diesel and Water additions to offset evaporation and for dilution.

	ng. 1: none:		//att N 85-35				5		21-9994	WH 1: Phone:	MIDLAND 432-685-4023	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	elects, however	, no representati	on is made as to the	\$7,957.86	\$528,332.18
												INCLUDI	NG 3RD PAR	TY CHARGES	\$9,101.42	\$638,794.76

MATERIAL CONSUMPTION

Date 06/01/20	Operator MAG I	NOLIA OIL	& GAS	Well Name a	nd No. DRICH U I	NIT 2 - 2H	Rig Name an		rt No. Repo	rt #31
	ı	USAGE 8								ATIVE
			Previous		Closing	Daily			um	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		age	Cum Cos
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SAPP (50)	50# sk	\$44.50							31	\$1,379.50
PHPA LIQUID (pail)	5 gal	\$41.36							4	\$82.72 \$128.92
DYNA DET DYNAFIBER C	pail 25# sk	\$32.23 \$53.67	70		70				18	\$128.92
DYNAFIBER MED	25# sk	\$53.67	120		120				10	\$900.00
FIBER PLUG	40# sk	\$30.37	30		30				10	\$303.70
CACL2 (50)	50# sk	\$16.60			170	30	\$498.00		403	\$6,689.80
LIME (50)	50# sk	\$5.00	200		170	30	\$150.00		380	
BENTONE 910 (50)	50# sk	\$59.94	49		40	9	\$539.46		30	\$1,798.20
BENTONE 990 (50)	50# sk	\$83.59	40		40				40	\$3,343.60
OPTI G	50# sk	\$30.59	140		110	30	\$917.70		130	\$3,976.70
OPTI MUL HP	gal	\$10.75	550		550				375	
OPTI WET	gal	\$8.34	460		440	20	\$166.80		375	
NEW PHALT	50# sk	\$38.72	90		70	20	\$774.40		90	\$3,484.80
NEWCARB 200	50# sk	\$5.25	72		72				98	\$514.50
MAGMAFIBER F (25)	25# sk	\$28.05 \$4.75	48		48			<u> </u>	146	\$4,095.30
OIL SORB (25) PHPA LIQUID (pail)	25# sk 5 gal	\$4.75 \$41.36	88		40 88			-	9	\$372.24
GEL (100)	100# sk	ψ41.30	70		70			-	9	ψ31 ∠.Ζ ²
BENTONE 38 (50)	50# sk	\$163.94	20		20				20	\$3,278.80
CYBERSEAL	25# sk	\$21.47	240		240				8	\$171.76
Evo-Lube	gal	\$9.31	975		975				125	\$1,163.75
CAL CARB COARSE (50)	50# sk	\$5.37	120		120					
MAGMAFIBER R (30)	30# sk	\$28.05	80		80					
NEW-WATE (SACK BARITE)	100# sk	\$11.50			160					
BARITE BULK (100)	100# sk	\$7.00	350	1200	1550				4016	\$28,112.00
								<u> </u>		
OPTLOBILL (OPM)	h la la	₽ 6E 00	900		900			 	EE00	\$359,190.00
OPTI DRILL (OBM)	bbl	\$65.00	890		890			-	აა∠ნ	დააფ, 190.00
Magnolia Owned OBM	bbl		1034		1034			-	204	
	551		7004		.004					
Discounted High LGS OBM	bbl	\$15.00	914		914				1716	\$25,740.00
								<u> </u>		
								<u> </u>		
								<u> </u>		
	+							-		
								 		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	-	58	\$53,650.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00			\$1,740.00
ENGINEERING (MILES)	each	\$1.00					+00.00		1049	
-/		, 130								, , , , , , , , , , , , , , , , , , , ,
TRUCKING (cwt)	each	\$2.50				1201	\$3,001.50		6000	\$15,000.08
TRUCKING (min)	each	\$795.00							2	\$1,590.00
PALLETS (ea)	each	\$12.00							62	\$744.00
SHRINK WRAP (ea)	each	\$12.00						<u> </u>	59	\$708.00
		Daily 6	ub-Total \$7	957 96	Cumulati	ve Total &F	28 222 40		\$520	222 19
		Daily S	ωω ι∪tal ⊅ <i>l</i>	,557.50	Juniulati	ve Total \$5	20,002.10		ψυ20,	332.18
		<u> </u>								

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
06/01/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	18	Repo	rt #31
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	285		285				215	\$8,976.25
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13	5712		4700	1012	\$1,143.56		2502	\$2,827.26
			1							
	<u> </u>	<u>I</u>	1	<u>I</u>					.a	400
					Daily S	ub-Total \$	1,143.56		\$110,4	162.58
								•		
	Cum	ulative Total	AES & 3rd	Party \$638	3,794.76					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

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					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100
14,196	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2		-	-	-		-	
997	New Hole Vol.	182	491	17	-	-	4	70	-	103	71	34	12	-	0	-	-	-	-	-	-	-
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894
110	Chemical Additions	11	17			6	4	8	1	25	11	-	-	2	-	-	-	-	5	4	-	2
	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26
279			28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-
-	Slurry Added	40								407	-	- 40.074	- 4.500	- 44.750	-	- 070	-	-	-	-	-	-
-,	Water Added Added for Washout	16 48	56 48	39						107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	- 56
					400	000	07	040	445	050			- 4 040		-				4 505		-	
34,973	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91
	Surface Losses	7	23		10		16	40	30	30	-	10.017	-	-	- 1 100	-	-	-	- 4 400	217	-	-
		400	202	18			4	105 76	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-
		132	383	19 42	42		4	76	20	108	75		-	-		-	-	-	-	-	33	73
72		12	18	5	42				20	15			-	-	<u> </u>		-	<u> </u>	-	<u> </u>	-	-
12	Centinuge Losses	12	10							10												_
32,490	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73
2,014	Mud Transferred Out			382							1,632											
2,863	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912
130	Mud Recovered		130																			
				С	omment	s:					C	omment	s:					С	omment	s <i>:</i>		
		5/9/20		101bbls ski ent. Mud l					5/16/20					and trip surg and Tripping		5/23/20			ck side, Pic Start POC		tools and	TIH. Tag
6,617		5/10/20	bbls. Muc	o Cuttings 3 I recovered s 129.7-bbl	from, shak							n 705-bbls. bbls and Ce		to Cuttings ols	108-bbls,	5/24/20			ools in. Top legs. Rec			k fishing
	-	Returned 382-bbls to Newpark. Mud Lost Cuttings 19-bbl 5/11/20 Cent 5-bbls, Evap 12.5, TOOH/TIH 35-bbls, Shaker Run obbls and Trucking 26-bbls								Drilling und		ap. Fresh v	vater pump	ed down ho	le to	5/25/20		to Pump Do	g tools and own DP and			
		5/12/20 Rec. 421-bbls 16.0 (KILL) lost 10-bbls to Trucking In Notes to spacer contamination 42-bbls							5/19/20	Drilling und continue d		ap. Fresh v	vater pump	ed down ho	le to	5/26/20	Jaring on s		Mix Isolatio	n sweep fo	or intentiona	aly plug
		5/13/20 Lost 10.2-bbls to Pit Settlement										ng 16027. (nud cap on		umping fres	h water	5/27/20	Well contin	nue to take	rculate while mud. LCM balance pl	l mix in acti	ve system.	Kill well
		5/14/20 Mud Lost to Cutting 3.5-bbls, Evap 6-bbls and Pit Settlem bbls										ng 16027. (nud cap on		umping fres	h water	5/28/20		ement plug	ing tools. F g. Stage in			
		5/15/20 Mud Lost to Cuttings 76-bbls, Evap 21-bbls, Pits 10-bbls C bbls. Patrial Losses to formation 105-bbls						ols Cent. 9-	5/22/20	Work stuck water. Kill			up to 1578(), resume p	ump fresh	5/29/20			POOH 20st Cut MW in			

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

					WEEK 4				Ι			WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
	Date	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4	6 3/4	6 3/4	Tue	WEU	IIIu	TII	Jai	Juli	IVIOII	Tue	weu	IIIu	FII	Jai	Juli	IVIOII	Tue	weu	HIIU	FII
					40.404																	
	Starting Depth	11,100	11,100	10,170	10,424																	
Totals	Ending Depth	11,100	10,170	10,424																		
14,196	Footage Drilled	-	-	254	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
997	New Hole Vol.	-	-	11	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-		-
	Starting System Volume	2,912	2,915	2,838	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863
110	Chemical Additions	-	3	12																		
2,217	Base Fluid Added	18	16	25																		
	Barite Increase	7	31	-																		
6.236	Weighted Mud Added	-	-	-					Ì													
	Slurry Added	-	-	-																		
	Water Added	-	-	24																		
	Added for Washout	_	_	-																		
		25	50	61	_		_		_	_					_				_		_	
	Total Additions		50		-		-	-	<u> </u>	-	-			-		-		-	-		-	_
	Surface Losses	-	-	33																		
	Formation Loss	-	-	-																		
	Mud Loss to Cuttings	-	-	2																		
	Unrecoverable Volume	-	128	-																		
72	Centrifuge Losses	22		-																		
32,490	Total Losses	22	128	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,014	Mud Transferred Out																					
2,863	Ending System Volume	2,915	2,838	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863	2,863
130	Mud Recovered																					
				C	omment							omment	·c•						omment	c.		
					Omment.	· ·						Omment	J.						Omment	<i>3.</i>		
		5/30/20	Finish lay stage new				pool and Te	est BOP's.	6/6/20							6/13/20						
]		TILl with o	ow DD. Cir	aulata tan a	of the semi	ant alua. Ca	20.110														
6,617		5/31/20	TIH with no 4000units. cement plu	Condition					6/7/20							6/14/20						
		6/1/20	POOH to o		BHA. TIH :	resume dri	lling on sid	e track.	6/8/20							6/15/20						
		6/2/20							6/9/20							6/16/20						
		6/3/20							6/10/20							6/17/20						
		6/4/20							6/11/20							6/18/20						
		6/5/20							6/12/20							6/19/20						

110 Old Market St.

St Martinville, LA 70582

TEL: (337) 394-1078

47.7° 10,334' TVD

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 04/22/20 10.437 ft **LEVI GOODRICH UNIT 2 - 2H** 04/26/20 **DRLG CURVE** 248 **TEXAS** 2 ft/hr ield / OSC-G # Fluid Type **Bobby Gwinn/James Dyer Tool Pusher GIDDINGS** OBM 545 gpm 2,500 psi **MUD PROPERTY SPECIFICATIONS** MUD VOLUME (BBL) PUMP #1 **PUMP #2 RISER BOOSTER** E.S. CaCl2 **GELS** In Pits Weight P\/ ΥP HTHP 790 bbl Liner Size 5.25 Liner Size 5.25 Liner Size 9-17 8-35 4-18 >400 ±245K <10 <25 <10 In Hole 420 bbl Stroke 12 Stroke 12 Stroke **MUD PROPERTIES** 1210 bbl 0.0763 0.0763 bbl/stk bbl/stk bbl/stk Active 2:00 12:30 Time Sample Taken 1654 bbl 85 85 Storage stk/min stk/min stk/min ACTIVE Tot on Location 2864 bbl Sample Location shaker gal/min 272 gal/min 272 gal/min Flowline Temperature °F 130 °F 129 °F Mud Wt. = 11.1 PV=13 YP=9 **CIRCULATION DATA** n = 0.670 K = 172.1 Depth (ft) 10.423 10.433 Bit Depth = 10.437 Pump Efficiency = 95% Washout = 2% Mud Weight (ppg) 11.1 11.1 Volume to Bit 147.0 bbl Strokes To Bit 1,927 Time To Bit 11 min Drill String @ 110 °F 48 46 Bottoms Up Vol. 272.9 bbl Funnel Vis (sec/qt) BottomsUp Stks 3.576 21 min BottomsUp Time 600 rpm 35 32 59.3 bbl TotalCirc.Vol. 1209.9 bbl TotalCirc.Stks 15,856 93 min Total Circ. Time DRILLING ASSEMBLY DATA SOLIDS CONTROL 300 rpm 22 21 200 rpm 18 17 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 100 rpm 12 11 Drill Pipe 4.500 3.826 7.701 Shaker 1 170 7 7 4.500 3.000 37' 7,701 Shaker 2 170 6 rpm Agitator 6 6 4.500 3.826 Shaker 3 3 rpm Drill Pipe 2,553 7,738 170 @ 150 °F 13 11 Dir. BHA 5.250 2.500 145' 10,292 Centrifuge 1 Plastic Viscosity (cp) 9 10 **CASING & HOLE DATA** Yield Point (lb/100 ft2) T0 = 6/9 OD (in.) Gel Strength (lb/100 ft2) 10 sec / 10 min 6/11 Casing ID (in.) Depth Top **VOLUME ACCOUNTING (bbls)** 30 min 14 12 Gel Strength (lb/100 ft2) Riser @ 300 °F 8.0 65 Surface 10 1/2 2.991' 2863.4 HTHP Filtrate (cm/30 min) Prev. Total on Location 2.0 2.0 7 5/8 6.875 10,273 HTHP Cake Thickness (32nds) Int. Csq. Transferred In(+)/Out(-) Retort Solids Content 17% 17.5% Oil Added (+) 15.3% 15.9% Corrected Solids (vol%) Barite Added (+) 63.5% Retort Oil Content 63% 6.885 10,437 Open Hole Size Other Product Usage (+) 20% 19% **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content Water Added (+) O/W Ratio 76:24 77.23 Left on Cuttings (-) -2.9 ECD annular velocity depth section ft/min reg lb/gal Whole Mud Chlorides (mg/L) 42.000 41.000 247,723 252.826 Non-Recoverable Vol. (-) Water Phase Salinity (ppm) 2.4 2.3 6.875x4.5 7,701' 12.90 2860.5 Whole Mud Alkalinity, Pom 494.3 turb Est. Total on Location Excess Lime (lb/bbl) 3.1 ppb 3 ppb 6.875x4.5 7,738 494.3 12.90 Est. Losses/Gains (-)/(+) 3.4 turb 460 v 495 v **BIT HYDRAULICS DATA** 6.875x4.5 494.3 Electrical Stability (volts) 10,273 turb 12.90 3.53 3.42 6.885x4.5 12.90 Bit H.S.I. Nozzles (32nds) Average Specific Gravity of Solids 10.292 491.8 turb Bit ΛP Percent Low Gravity Solids 5% 6.1% 6.885x5.25 10.437 673.1 turb 12.95 1.93 218 psi 18 15 15 ppb Low Gravity Solids 41 ppb 50 ppb Nozzle 16 16 16 Bit Impac Velocitv Percent Barite 10.4% 9.8% (ft/sec) ppb Barite **BIT DATA** Ulterra/U611s 149 ppb 140 ppb Manuf./Type 465 lbs Estimated Total LCM in System Size ROP ft/hi Motor/MWD Calc. Circ. Pressure Depth In Hours Footage M Washburi 49 ft 2,240 psi Sample Taken By A. Romar 6 3/4 10,375 ft 6.0 8.2 5,314 psi Afternoon Remarks/Recommendations: Afternoon Rig Activity: Drilling curve for sidetrack. From 10375 to 10434 time drill at 1 ft/hr, at 10434 increase to 2 ft/hr. Adding diesel for oil wetting of solids, dilution and volume maintenance, water for evaporation replacment to maintain OWR, OPTIMUL HP and lime for ES and alkalinity. Continue with incremental additions of OPTIG gilsonite and NEWPHALT sulfonated asphalt for wellbore stability and to reduce HTHP

11,026' TVD

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

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Well Name and No. LEVI GOO Report for Bobby G	DRICH								N			2/20		602 ft		٠.,	026 f	t
Report for	EVI GOODRICH UNIT 2 - 2		2 211	Rig Name an	d No. 248		State	EXAS		Spud Date	•)4/26	120	Current F	ROP 2 ft/hr		ctivity	CLID)/E
Bobby G		1 UNI I	Ζ-ΖΠ	Report for	240		Field / OCS-G #	EAAS		Fluid Type		120	Circulatin			irculating F		VE
	winn/.	James	Dyer	То	ol Pusi	ner	GID	DINGS			ОВ	М	4	04 gpm	1	4,59	0 ps	și i
	MUD	PROPER	TY SPECIF	ICATION	s		MUD VO	LUME (B	BL)	ı	PUMF	P #1	F	PUMP #2		RISER	BOOS	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	79	91 bbl	Liner S	Size	5.25	Liner S	Size 5.	25	Liner Size)	
9-17	8-35	4-18	>400	±245K	<10 <25	<10	In Hole	44	14 bbl	Strok	ке	12	Strok	ke 1	2	Stroke		
1	•			6/2/20		6/1/20	Active	12	35 bbl	bbl/s	stk	0.0763	bbl/s	stk 0.0	763	bbl/stk	0.0	0000
Time Sample Ta	aken			3:00		12:30	Storage	16	54 bbl	stk/m	nin	63	stk/m	nin 6	3	stk/min		
Sample Location	n			ACTIVE		shaker	Tot. on Loc	cation 28	89 bbl	gal/m	nin	202	gal/m	nin 20	02	gal/min	(0
Flowline Temper	rature °F			150 °F		129 °F	F	PHHP = 10	081		CIR	CULATIO	N DAT	Ά	1	า = 0.65) K = 1	59.065
Depth (ft)				10,946'		10,433'	Bit D	epth = 1	1,026 '		V	Vashout =	2%		Pump E	Efficiency	/ = 95%	6
Mud Weight (ppg	g)			10.5		11.1	Drill String	Volum	ne to Bit	155.4	bbl	Strokes	To Bit	2,036	Т	ime To B	it 16	min
Funnel Vis (sec/	/qt)		@ 120 °F	45		46	Disp.	Bottoms	Up Vol.	288.4	bbl	BottomsU	o Stks	3,780	Bottom	sUp Tim	e 30	min
600 rpm				30		32	62.5 bbl	TotalC	Circ.Vol.	1234.8	3 bbl	TotalCir	c.Stks	16,182	Total	Circ. Tim	e 128	min
300 rpm				19		21		DRILLIN	NG ASS	SEMBL	Y DAT	ΓΑ		S	OLIDS	CONTR	OL	
200 rpm				14		17	Tubulars	OD (in.)	ID	(in.)	Len	gth T	ор	Unit		Screens	Но	ours
100 rpm				10		11	Drill Pipe	4.500	3.	826	8,29	90'	0'	Shaker	1	170	24	4.0
6 rpm				6		7	Agitator	4.500	3.	000	37	7' 8,2	290'	Shaker	2	170	24	4.0
3 rpm				5		6	Drill Pipe	4.500	3.	826	2,5	53' 8,	327'	Shaker	3	170	24	4.0
Plastic Viscosity	(cp)		@ 150 °F	11		11	Dir. BHA	5.250	2.	500	14	5' 10,	881'	Centrifug	ge 1		6	6.0
Yield Point (lb/10	00 ft²)		T0 = 4	8		10		CASI	NG & F	HOLE D	ATA							
Gel Strength (lb/	/100 ft²)	10	sec/10 min	6/10		6/9	Casing	OD (in.)	ID	(in.)	Dep	oth T	ор					
Gel Strength (lb/	/100 ft ²)		30 min	14		12	Riser	0			0	1		VOLUM	IE ACC	OUNTII	IG (bb	ls)
HTHP Filtrate (c	m/30 mir	n)	@ 300 °F	6.0		6.5	Surface	10 1/2			2,99	91'	0'	Prev. T	otal on	Locatio	ո 28	863.4
HTHP Cake Thic	ckness (3	32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	73'	0'	Transfe	erred In	(+)/Out(-)	
Retort Solids Co	ontent			15%		17.5%									Oil A	Added (+)	58.3
Corrected Solids	s (vol%)			13.4%		15.9%								1	Barite /	Added (+)	0.0
Retort Oil Conte	ent			65%		63.5%	Oper	Hole Siz	e 6.	885	11,0	26'		Other Pr	oduct l	Jsage (+)	8.4
Retort Water Co	ontent			20%		19%	ANI	NULAR G	EOME	TRY &	RHEC	LOGY		\	Water A	Added (+)	48.0
O/W Ratio				76:24		77:23	annular	. n	neas.	veloc	citv	flow E	CD	Le	ft on C	uttings (-)	-27.7
Whole Mud Chlo	orides (m	g/L)		41,000		41,000	section		lepth	ft/m	,		gal					
Water Phase Sa	alinity (pp	m)		243,260		252,826						<u> </u>		Non-Rec	overab	le Vol. (-)	-61.5
Whole Mud Alka	alinity, Po	m		2.5		2.3	6.875x4.	5 8	,290'	366	.4	turb 11	.50	Est. T	otal on	Locatio	ո 28	888.9
Excess Lime (lb/	/bbl)			3.3 ppb		3 ppb	6.875x4.	.5 8	,327'	366	.4	turb 11	.50	Est. Los	ses/Ga	ins (-)/(+)	0.0
Electrical Stabilit	ty (volts)			512 v		495 v	6.875x4.	5 10	0,273'	366	.4	turb 11	.51	ВІТ	HYDR	AULICS	DATA	
Average Specific	c Gravity	of Solids	3	3.40		3.42	6.885x4.	5 10	0,881'	364	.5	turb 11	.52	Bit H.S.I.	Bit A	P No:	zles (3	2nds)
Percent Low Gra	avity Soli	ds		5.4%		6.1%	6.885x5.2	25 1°	1,026'	498	.9	turb 11	.55	0.75	113	psi 18	15	15
ppb Low Gravity	/ Solids			44 ppb		50 ppb							E	Bit Impact	Nozz		16	16
Percent Barite				8%		9.8%								Force	Veloc (ft/se	-		
ppb Barite				115 ppb		140 ppb	BIT D	ATA	Ma	anuf./Ty	ре	Ulterra/U	611s	242 lbs	110			
Estimated Total	LCM in S	System	ppb				Size	Depth Ir	n Ho	ours	Foot	age ROF	P ft/hr	Motor/M	WD	Calc. Ci	c. Pres	ssure
Sample Taken B	Зу			A. Roman	0	M Washburn	6 3/4	10,375 f	t 3	0.0	651	ft 2	1.7	2,240 p	osi	3,9	90 psi	

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,445 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2889BBLS

OBM Kill mud on Hand----361bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(895bbl--12.5#)(398bbl--10#) //

\$15.00/bbl

Rig Activity:

Drilling ahead on curve section of the hole. ROP on slides 50-70ft/hr, on rotations 160ft/hr. Started with Mud Weight maintain at 11.1ppg, Decrease MW to 10.8ppg followed down to 10.5ppg and maintain at this time. Increase diesel additions and applied Centrifuge for reducing MW as requested. Continue with conservative treatment with Lime for Alkalinity, CaCl2 for WPS. Additions of Opti G and New Phalt to reduce Fluid Loss and Bentone to increase Pv & Yp as per specs recommended. Diesel and Water additions to offset evaporation and for dilution. Mix Hi Vis / LCM Sweep and ready to pump once in the lateral. At time of report Inclination passing 76deg. / 11042' MD / 10554' TVD.

Е	ng. 1:	N	1att M	leeha	n	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	98	35-35	1-756	31	Ph	one:	956-8	21-9994	Phone:	432-685-4023	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	as been prepared on is made as to the	\$5,467.11	\$533,799.29
												INCLUDI	NG 3RD PAR	TY CHARGES	\$8,066.11	\$646,860.87

MATERIAL CONSUMPTION

Date 06/02/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	nd No. ODRICH UI	NIT 2 - 2H	Rig Name an	ort No. Repo l	rt #32
03,02,20		USAGE 8							LATIVE
			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Jsage	Cum Cost
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.50
PHPA LIQUID (pail) DYNA DET	5 gal	\$41.36						2	\$82.72 \$128.92
DYNAFIBER C	pail 25# sk	\$32.23 \$53.67	70		70			18	\$966.06
DYNAFIBER MED	25# sk	\$53.67	120		120				Ψ000.00
FIBER PLUG	40# sk	\$30.37	30		30			10	\$303.70
CACL2 (50)	50# sk	\$16.60	170		150	20	\$332.00	423	\$7,021.80
LIME (50)	50# sk	\$5.00	170		150	20	\$100.00	400	. ,
BENTONE 910 (50)	50# sk	\$59.94	40		36	4	\$239.76	34	
BENTONE 990 (50) OPTI G	50# sk 50# sk	\$83.59 \$30.59	40 110		40 90	20	\$611.80	40 150	
OPTI MUL HP	gal	\$10.75	550		400	150	\$1,612.50	525	
OPTI WET	gal	\$8.34	440		440			375	
NEW PHALT	50# sk	\$38.72	70		60	10	\$387.20	100	\$3,872.00
NEWCARB 200	50# sk	\$5.25	72		67	5	\$26.25	103	\$540.75
MAGMAFIBER F (25)	25# sk	\$28.05	48		43	5	\$140.25	151	\$4,235.55
OIL SORB (25) PHPA LIQUID (pail)	25# sk 5 gal	\$4.75 \$41.36	40 88		40 88			9	\$372.24
GEL (100)	100# sk	Ψ-1.30	70		70			9	ψ01 2.24
BENTONE 38 (50)	50# sk	\$163.94	20		20			20	\$3,278.80
CYBERSEAL	25# sk	\$21.47	240		235	5	\$107.35	13	\$279.11
Evo-Lube	gal	\$9.31	975		975			125	\$1,163.75
CAL CARB COARSE (50)	50# sk	\$5.37	120		120				
MAGMAFIBER R (30)	30# sk	\$28.05	80		80				
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	1550		1550			4016	\$28,112.00
OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.00
		, , , , ,							
Magnolia Owned OBM	bbl		1034	51	1085			204	
Discounted High LGS OBM	bbl	\$15.00	914		914			1716	\$25,740.00
								\longrightarrow	
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	60	\$55,500.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		\$1,800.00
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.00
		\$2.50						6000	\$15,000.08
TRUCKING (coat)	acah		1	1				UUUU	
TRUCKING (cwt) TRUCKING (min)	each each							2	\$1.590 00
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each	\$795.00 \$12.00						2 62	
TRUCKING (min)	each	\$795.00							\$1,590.00 \$744.00 \$708.00
TRUCKING (min) PALLETS (ea)	each each	\$795.00 \$12.00 \$12.00	ub-Total \$5	467.11		ve Total \$5	22.700.00	62 59	\$744.00

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
06/02/20	MAGI	ODRICH U	NIT 2 - 2H	2	18	Repo	rt #32			
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	285		285				215	\$8,976.25
TurboChem Pallets	each	\$20.00	8		8				2	\$40.00
TurboChem Shrink Wrap	each	\$20.00	8		8				2	\$40.00
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13	4700		2400	2300	\$2,599.00		4802	\$5,426.26
			1				1			
			1				1			
	<u> </u>	<u>I</u>	1	l		. –				
					Daily S	ub-Total \$2	2,599.00		\$113,0	061.58
	ŀ							•		
	Cum	ulative Total	AES & 3rd	Party \$646	,860.87					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name: MAGNOLIA OIL & GAS

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100
14.798	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	-	_	-	_	-
	New Hole Vol.	182	491	17	_	-	4	70	-	103	71	34	12	_	0	_	-	-	-	-	-	-
1,0=0	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894
119	Chemical Additions	11	17			6	4	8	1	25	11	-	-	2	-	_	-	-	5	4	-	2
2.275	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26
279	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-
-	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-
25,986	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-
191	Added for Washout	48	48	39							-	-	-	-	-	-	-	-	-	-	-	56
35,087	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91
00,000		7	23	74	10		16	40	30	30		, -	,	-			-		-	217	_	_
30,802	Formation Loss	•		18	10			105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-
	Mud Loss to Cuttings	132	383	19			4	76	000	108	75	10,011	-	-		-	-	-	-	-	-	-
399	-	102	000	42	42		·	,,,	20	100	-		_	_	_	_	_	_	_	_	33	73
72	Centrifuge Losses	12	18	5						15	_		_	_	_	_	_	_	_	_	-	-
32,579	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73
2,014	Mud Transferred Out			382							1,632											
2,889	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912
130	Mud Recovered		130																			
				С	omment	s:					С	omment	s:					С	omment	s:		
			Trans in 2	101bbls ski			Phble E cur	face		Mud Loct t				and trip sur	70 F00					-		
		5/9/20	displacem	ent. Mud l					5/16/20	bbls, Evap				and Tripping		5/23/20		mud on bac			tools and	TIH. Tag
	1		12bbls							bbls												
6 617		5/10/20	Mud lost to bbls. Mud	Cuttings					5/17/20	Mud Lost t	o Formatio	n 705-bbls.	. Mud lost	to Cuttings	108-bbls,	5/24/20	Kill well w	ith fishing to	ools in. Top	of fish 11	100' Wor	rk fishing
6,617		5/10/20		s 129.7-bbl		er tarik rum	on due to s	weeps	5/1//20	Evap 19.56	6, Pits 10-b	bls and Ce	nt. 14.54bb	ols		5/24/20	tools throu	ıgh 18* dog	legs. Rec	eive 782bb	ls OBM	
L	1		Returned:	382-bbls to	Newpark.	Mud Lost (Cuttings 19	-bbls,		D.:	1 M - 1 O	- Familia			1. 1.		POOH to	reset fishing	tools and	TIH for fish	(3rd attem	npt).
		5/11/20	Cent 5-bbl	ls, Evap 12 rucking 26		TIH 35-bbls	, Shaker R	un off 42.2		continue d		ap. Fresn v	vater pump	ed down ho	DIE TO	5/25/20	Continue t	to Pump Do	wn DP and	back side	to kill well.	Received
																	13370015	OBIVI.				
		5/12/20	Rec. 421-l	bbls 16.0 (l	KILL) lost 1	0-bbls to Tr	ucking In	. Mud lost	5/19/20			ap. Fresh v	vater pump	ed down ho	ole to	5/26/20		stuck pipe.	Mix Isolation	n sweep fo	or intentiona	aly plug
			to spacer	contaminat	ion 42-ddis					continue d	rilling.						DP in the	noie.				
										Side Track	time drillir	na 16027. (Continue p	umping fres	sh water			om fish, Ci				
		5/13/20	Lost 10.2-	bbls to Pit \$	Settlement							nud cap on		, ,		5/27/20		nue to take shoe, pump				
			Mudlest	to Cutting o) E bb!-	on C bbls -	and Dit Carr	lomort 40		Cido Tes I	time daily	a 16007	Continue	monine for	h wat		POOH lay	down Fish	ing tools. F	Pick up 2 7/	8" stinger a	and TIH for
		5/14/20	bbls	to Cutting 3	3.5-DDIS, EV	ap 6-bbis a	ina Pit Sett	iement 10-				ng 16027. (nud cap on		umping fres	in water	5/28/20	set up of o	cement plug e.	j. Stage in	the hole, ci	rculating S	urf. Surf
		5/15/20	Mud I net	to Cuttings	76-bbls Fv	ap 21-hbls	. Pits 10-hl	ols Cent 9		Work stud	c pipe free	Dry ream	up to 15780), resume p	ump fresh	5/29/20	Pump Cer	ment plug.	POOH 20e	ans and cir	rculate Sur-	-surf.

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

					WEEK 4							WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
	Date	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	weu	Hilu	FII	Sal	Sun	WOII	rue	weu	Tilu	FII	Sal	Suii	IVIOII	rue	weu	THU	FII
Crond		1				44.000																
Grand	Starting Depth	11,100	11,100	10,170	10,424	11,026																
Totals	Ending Depth	11,100	10,170	10,424	11,026																	
14,798	Footage Drilled	-	-	254	602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,023	New Hole Vol.	-	-	11	27	-	-	-	-	-		-	-	-	-	-	-	-	-	-		-
	Starting System Volume	2,912	2,915	2,838	2,863	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889
119	Chemical Additions	-	3	12	8																	
2,275	Base Fluid Added	18	16	25	58																	
279	Barite Increase	7	31	-	-																	
6,236	Weighted Mud Added	-	-	-	-																	
-	Slurry Added	-	-	-	-																	
25.986	Water Added	-	-	24	48																	
	Added for Washout	-	-	-	-																	
35 087	Total Additions	25	50	61	114	_	_	_			_	_		_	_		_		_		_	_
	Surface Losses	!																				
		-	-	33	-																	
		-	-	-	-																	
	Mud Loss to Cuttings	-	-	2	28																	
	Unrecoverable Volume	-	128	-	62																	
72	Centrifuge Losses	22		-	-			l .					l .					l .				l .
32,579	Total Losses	22	128	35	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,014	Mud Transferred Out																					
2,889	Ending System Volume	2,915	2,838	2,863	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889
,		2,915	2,838	2,863	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889	2,889
	Ending System Volume Mud Recovered	2,915	2,838				2,889	2,889	2,889	2,889	•			2,889	2,889	2,889	2,889	·		•	2,889	2,889
		2,915	2,838		2,889		2,889	2,889	2,889	2,889	•	2,889		2,889	2,889	2,889	2,889	·	2,889	•	2,889	2,889
·			Finish lay	C down DP, (comment.	s: Drill line sp		oot POP's		2,889	•			2,889	2,889		2,889	·		•	2,889	2,889
·		2,915 5/30/20	Finish lay	C down DP, (omment	s: Drill line sp		oot POP's	2,889	2,889	•			2,889	2,889	2,889	2,889	·		•	2,889	2,889
130		5/30/20	Finish lay stage new	down DP, (DP on pipe	Change out e racks for roulate top	S: Drill line spick up .	pool and To	est BOP's.	6/6/20	2,889	•			2,889	2,889	6/13/20	2,889	·		•	2,889	2,889
			Finish lay stage new TIH with n 4000units.	down DP, (DP on pipe ew DP. Cin Condition	Change out e racks for roulate top	S: Drill line spick up .	pool and To	est BOP's.		2,889	•			2,889	2,889		2,889	·		•	2,889	2,889
130		5/30/20	Finish lay stage new	down DP, (DP on pipe ew DP. Cin Condition	Change out e racks for roulate top	S: Drill line spick up .	pool and To	est BOP's.	6/6/20	2,889	•			2,889	2,889	6/13/20	2,889	·		•	2,889	2,889
130		5/30/20	Finish lay stage new TIH with n 4000units.cement plu	down DP, (DP on pipe ew DP. Cir Condition ug.	Change out e racks for roulate top MW to 11.1	S: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go obls lost be	est BOP's. as up low	6/6/20	2,889	•			2,889	2,889	6/13/20	2,889	·		•	2,889	2,889
130		5/30/20	Finish lay stage new TIH with n 4000units.cement plu	down DP, (DP on pipe ew DP. Cir Condition ug.	Change out e racks for roulate top MW to 11.1	S: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go obls lost be	est BOP's. as up low	6/6/20	2,889	•			2,889	2,889	6/13/20 6/14/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to 0 Maintain N	Condition up. (Condition up.)	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelappg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20	2,889	·		•	2,889	2,889
130		5/30/20	Finish lay stage new TIH with n 4000units.cement plu	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelappg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,889	•			2,889	2,889	6/13/20 6/14/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to o Maintain N	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelappg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to o Maintain N	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track. diesel and	6/6/20 6/7/20 6/8/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to o Maintain N	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track. diesel and	6/6/20 6/7/20 6/8/20 6/9/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to o Maintain N	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track. diesel and	6/6/20 6/7/20 6/8/20 6/9/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20	2,889	·		•	2,889	2,889
130		5/30/20 5/31/20 6/1/20 6/2/20	Finish lay stage new TIH with n 4000units. cement plu POOH to o Maintain N	down DP, (DP on pipe ew DP. Cir Condition ug. change out tW 11.1ppe ead on cur	Change out e racks for roulate top MW to 11.1	s: Drill line spick up . of the cemelopg. 127b	pool and To ent plug, Go bbls lost be Illing on sid	est BOP's. as up low e track. diesel and	6/6/20 6/7/20 6/8/20 6/9/20	2,889	•			2,889	2,889	6/13/20 6/14/20 6/15/20 6/16/20	2,889	·		•	2,889	2,889

110 Old Market St. St Martinville, LA 70582

12,139' TVD

Operator MAGN	NOLIA (NI & G	۸۹	Contractor	TTERS	ON	County / Parisl	n / Block HINGTO	N	Engineer S	Start Date 1/22/20	24 hr	ftg.	C	Orilled De	oth 2,139	ft
Well Name and No		JIL & G	AS	Rig Name ar		ON	State	HINGTO	IN	Spud Date			nt ROP	Д	Activity	2,139	
LEVI GO		H UNIT	2 - 2H	3	248			EXAS			1/26/20		221 ft/hr		DRLG	LATI	ERAL
Report for	Gwinn/	lamas	Dvor	Report for	ool Push	or	Field / OSC-G	# DDINGS		Fluid Type	ОВМ	Circu	ating Rate		Circulating		
Bobby						ier			DI.)		UMP #1		397 gpm	1		6 50 р	
\\/oight	PV	YP	TY SPECII		1	HTHP		DLUME (B				OF Line		25	Liner Si		SIEK
Weight 9-17			E.S. >400	CaCl2 ±245K	GELS <10 <25		In Pits		l bbl	Liner Siz							
9-17	8-35 MI	4-18 UD PROP		±243N	<10 <25	<10	In Hole Active		9 bbl 0 bbl	Stroke bbl/stk				763	Stroke bbl/stl		
Time Sample		OD PROP	LINILO	3:00		1:00	Storage		4 bbl	stk/mir				62	stk/mi		
Sample Locat				ACTIVE		shaker	Tot. on Loc		4 bbl					99	gal/mi		
Flowline Temp				150 °F		151 °F	Mud Wt. =			gal/mir YP=8		ŭ	ON DATA		gai/iiii n = 0.6		. 150 1
Depth (ft)	perature	•		10,946'		12,118'		Depth = 12,		11-0		out = 2%	ı	Pump E			
Mud Weight (nna)			10.5		10.5				171.2 b		okes To Bi			ime To		B min
Funnel Vis (se			@ 120 °F	45		47	Drill String Disp.	Bottoms U				omsUp Stk	•		nsUp Ti		4 min
600 rpm	5 6/qt)		@ 120 T	30		31	68.6 bbl		•	1280.0 k		talCirc.Stk			Circ. Ti		
300 rpm				19		20	00.0 001	DRILLIN				taiOiic.Stk	· ·	OLIDS			
200 rpm				14		16	Tubulars				Length	Тор	Unit		Scree		lours
100 rpm				10		9	Drill Pipe	4.500		` ,	9,403'	ТОР	Shaker		170		24.0
6 rpm				6		6	Agitator	4.500		000	37'	9,403'	Shaker		170		24.0
3 rpm				5		5	Drill Pipe	4.500			2,553'	9,440'	Shaker		170		24.0
Plastic Viscos	sity (cp)		@ 150 °F	11		11	Dir. BHA	5.250		500	145'	11,994'	Centrifug		170		6.0
Yield Point (lb			T0 = 4	8		9	DII. DI IA			HOLE D		11,554	Centinug	JC 1			0.0
Gel Strength		10.6	ec / 10 min	6/10		6/9	Casing				Depth	Тор	1				
	,		30 min	14		13	Riser	OD (III.)	טו	(111.)	Берит	ТОР	VOLUM	IE ACC	TALLO	ING (h	hle)
Gel Strength (•	,	@ 300 °F	6.0		6.0		10 1/2			2,991'		Prev. T				2888.8
HTHP Cake T	`		@ 300 T	2.0		2.0	Int. Csg.	7 5/8	6.9		10,273'		Transfe				2000.0
Retort Solids		(321105)		15%		15%	iii. Csg.	7 3/0	0.0	575	10,273		Transie		Added	,	
				13.4%		13.4%										,	
Corrected Sol Retort Oil Cor)		65%		65%	Open	Hole Size	6.9	385 1	12,139'		Other Pr	Barite A		,	
Retort Water				20%		20%	•	NULAR GE				ic.v		Nater A	ŭ	,	
O/W Ratio	Content			76:24		76:24	AN	NOLAK GI	LOWIL		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			ft on C		` '	
Whole Mud C	bloridos (r	ma/L)		41,000		42,000	annula section	ı ae	pth	velocit ft/min	-	ECD lb/gal	Le	it on C	uttirigs	(-)	
	•			243,260		247,723							Non-Rec	oversh	ole Vol	(-)	
Water Phase Whole Mud A				2.5		2.4	6.875x4	15 0/	103'	360.6	turb.	11.63				` ,	2888.8
Excess Lime		OIII		3.3 ppb		3.1 ppb	6.875x4	•	1 03 140'	360.6		11.79	Est. Los	otal on		_	45.2
Electrical Stat	` '	.\		512 v		495 v	6.875x4	•	273'	360.6		11.79		HYDR/	- ,		
Average Spec	- ` `		<u> </u>	3.40		3.35	6.885x4	,	994'	358.7		12.17	Bit H.S.I.	Bit A		ozzles (
Percent Low (5.4%		5.7%	6.885x5	,	139'	490.9		12.17	0.71	110	-	8 15	1
ppb Low Grav		ilus .		44 ppb		47 ppb	0.000,0	.20 12,	100	430.3	tuib	12.50		Nozz		6 16	
Percent Barite				8%		7.7%							Bit Impact Force	Veloc	city	0 10	, 10
ppb Barite				115 ppb		110 ppb	RIT F	DATA	Ma	nuf./Type	e Ulte	rra/U611s	234 lbs	(ft/se	·		
Estimated Tot	tal I CM in	System		о ррь			Size	Depth In			ootage	ROP ft/h		<u> </u>	Calc. C	irc. Pr	essure
Sample Taker				A. Roman		M Washburn	6 3/4	10,375 ft			651 ft	21.7	2,240			090 ps	
Afternoon Rem		mmendatio	nns:				Afternoon R				50 i it	21.1	2,270			500 p	
Sweep C		e.iudii0					, atomoun R	ng Audivity.									
	/Jagmafibe	r F											re 100% A				
	lewcarb M												mud wt at 1 with diese				
10 ppb N		1								_			l asphalt for and CaCl2 f				
• • •	•	200						ownhole I				-		J. •••	- 1040	51110	
	iewpnait irst Resor	nse										-		•••		51110	

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 13,515' TVD

Operator MAGN Well Name and No.	NOLIA (OIL &	GAS		TTERS	ON	_	Block	N	Engineer Control Spud Dat)4/22		24 hr ftg	2,489 ft		Drilled De	-	5 ft	
LEVI GO	ODRIC	H UNI	IT 2 - 2H	Rig Name an	248		State	EXAS		l '	•)4/26	3/20		113 ft/hr		DRLO	3 I A	TFR	RΔI
Report for				Report for			Field / OCS-G #			Fluid Typ		<i></i>		ting Rate		Circulatin			
Bobby	Gwinn/	Jame	s Dyer	То	ol Pusł	ner	GID	DINGS			ОВ	M	;	385 gpm	1	4,	980	psi	i
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)		PUMI	P #1		PUMP #2		RISE	R BC	OST	ER
Weight	PV	ΥP	E.S.	CaCl2	GELS	HTHP	In Pits	50	1 bbl	Liner	Size	5.25	Liner	Size 5.	25	Liner S	Size		
9-17	8-35	4-18	>400	±245K	<10 <25	<10	In Hole	545	5 bbl	Strol	ke	12	Stro	oke 1	2	Strok	е		
				6/3/20		6/2/20	Active	104	6 bbl	bbl/s	stk	0.0763	bbl/	/stk 0.0	763	bbl/s	tk	0.00	000
Time Sample	Taken			3:00		1:00	Storage	147	'9 bbl	stk/n	nin	60	stk/	min 6	60	stk/m	in		
Sample Location	on			ACTIVE		shaker	Tot. on Loc	cation 252	5 bbl	gal/n	nin	192	gal/	min 1	92	gal/m	in	0	ı
Flowline Temp	erature °F	=		165 °F		151 °F	F	PHHP = 111	17		CIF	RCULATIO	N DA	TA		n = 0.6	88 I	< = 125	5.689
Depth (ft)				13,443'		12,118'	Bit D	epth = 13,	515 '		١	Washout =	2%		Pump	Efficier	ncy =	95%	
Mud Weight (p	pg)			10.1		10.5	Drill String	Volume	to Bit	190.8	bbl	Strokes	To Bit	2,500		Time To	Bit	21 n	nin
Funnel Vis (se	c/qt)		@ 130 °F	40		47	Disp.	Bottoms U	Jp Vol.	354.1	bbl	BottomsU	p Stks	4,640	Bottor	nsUp T	ime	39 n	nin
600 rpm				29		31	76.1 bbl	TotalCi	rc.Vol.	1045.9	9 bbl	TotalCir	c.Stks	13,706	Total	Circ. T	ime	114 ו	min
300 rpm				18		20		DRILLIN	G ASS	SEMBL	Y DA	TA		s	OLIDS	CON.	TRO	L	
200 rpm				15		16	Tubulars	OD (in.)	ID	(in.)	Len	igth T	ор	Unit		Scree	ns	Hou	ırs
100 rpm				10		9	Drill Pipe	4.500	3.	826	10,7	779'	0'	Shaker	1	170)	24.	.0
6 rpm				6		6	Agitator	4.500	3.	.000	3	7' 10	779'	Shaker	2	170)	24.	.0
3 rpm				5		5	Drill Pipe	4.500	3.	826	2,5	53' 10	816'	Shaker	3	170)	24.	.0
Plastic Viscosi	ity (cp)		@ 150 °F	11		11	Dir. BHA	5.250	2.	500	14	5' 13	370'	Centrifuç	ge 1			12.	.0
Yield Point (lb/	/100 ft²)		T0 = 4	7		9		CASIN	NG & I	HOLE D	ATA								
Gel Strength (I	lb/100 ft²)	1	10 sec/10 min	6/9		6/9	Casing	OD (in.)	ID	(in.)	De	pth T	ор						
Gel Strength (I	lb/100 ft ²)		30 min	13		13	Riser	0			0)'		VOLUM	IE AC	COUN.	TING	(bbls	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.0		6.0	Surface	10 1/2			2,9	91'	0'	Prev. T	otal o	n Loca	tion	28	88.8
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred Ir	า(+)/Oเ	ıt(-)		
Retort Solids C	Content			13%		15%									Oil	Added	(+)	;	88.0
Corrected Soli	ds (vol%)			11.4%		13.4%									Barite	Added	(+)		0.0
Retort Oil Con	tent			68%		65%	Open	Hole Size	6.	885	13,5	515'		Other Pr	oduct	Usage	(+)		13.4
Retort Water 0	Content			19%		20%	ANI	NULAR GE	ЕОМЕ	TRY &	RHEC	DLOGY		,	Water	Added	(+)	•	70.0
O/W Ratio				78:22		76:24	annular	· me	eas.	velo	city	flow E	CD	Le	ft on C	Cuttings	s (-)	-1	14.6
Whole Mud Ch	nlorides (n	ng/L)		40,000		42,000	section	de	epth	ft/m	in	reg lb	/gal	C	Centrifu	ige los	ses	-(60.0
Water Phase S	Salinity (pp	om)		248,190		247,723								Non-Red	overal	ole Vol	. (-)	-30	8.00
Whole Mud All	kalinity, Po	om		2.2		2.4	6.875x4.	5 10,	,273'	348	.9	turb 1	.05	Est. T	otal or	n Loca	tion_	25	24.8
Excess Lime (lb/bbl)			2.9 ppb		3.1 ppb	6.885x4.	5 10,	,779'	347	.2	turb 1	.14	Est. Los	ses/Ga	ains (-)	/(+)		0.0
Electrical Stab	ility (volts))		521 v		495 v	6.885x4.	5 10,	,816'	347	.2	turb 1	.23	BIT	HYDR	AULIC	S DA	ATA	
Average Speci	ific Gravity	y of Soli	ids	3.40		3.35	6.885x4.	5 13,	,370'	347	.2	turb 1	.49	Bit H.S.I.	Bit .	ΔΡ Ν	Nozzle	es (32	nds)
Percent Low G	Gravity Sol	ids		4.6%		5.7%	6.885x5.2	25 13,	,515'	475	.1	turb 1	.61	0.62	98	psi	18	15	15
ppb Low Gravi	ity Solids			38 ppb		47 ppb								Bit Impact	Noz Velo		16	16	16
Percent Barite				6.8%		7.7%								Force	(ft/s	•			
ppb Barite				98 ppb		110 ppb	BIT D	ATA	Ma	anuf./Ty	ре	Ulterra/U	611s	210 lbs	10	14	Ī		
Estimated Tota	al LCM in	System	ppb				Size	Depth In	Н	ours	Foot	tage ROI	P ft/hr	Motor/M	WD	Calc.	Circ.	Press	sure
4	Ву			A. Roman	0	M Washburn	6 3/4	10,375 ft	5	2.0	3,14	10 ft 6	0.4	2,240	osi	4	,098	nsi	1

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--1,982 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2525 BBLS

OBM Kill mud on Hand----361bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(895bbl--12.5#)(223bbl--10#) //

\$15.00/bbl

Rig Activity:

Landed Curve section 11,173' MD / 10,590' TVD. Continue drilling into lateral section of the hole. Maintain 10.5ppg up to 12500', Moderate losses down hole noted. Drop MW down to 10.2ppg followed down to 10ppg at this time. Use Diesel and Centrifuge application to cut Mud Weight. While Continue to pump 400GPM and drilling ahead. Shut in Casing pressure on connection up to 450-550psi. ROP on slides 30-45ft/hr, on rotations 180-200ft/hr. Conservative treatment with Lime for $\,$ Alkalinity, CaCl2 for WPS.Opti G and New Phalt for Fluid Loss. Introduce LCM into the active system (First Respose, New Carb and Cyberseal) 3 sxs each respectably. Maintain Diesel and Water additions to offset evaporation and for dilution.

Eng. 1:	ı	Matt N	1eeha	n	Er	ıg. 2:	Adolf	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone:	9	85-35	1-756	31	Ph	one:	956-8	21-9994	Phone:	432-685-4023	Phone:	-			
W P 1 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	, no representation	nas been prepared on is made as to the	\$6,780.99	\$540,580.28
											INCLUDI	NG 3RD PAR	TY CHARGES	\$13,793.48	\$660,654.35

MATERIAL CONSUMPTION

DALL VISAGE & COST	Date 06/03/20	Operator MAG I	NOLIA OIL		Well Name a	ind No. ODRICH UI	NIT 2 - 2H	Rig Name an	d No. R	eport No. Repo l	rt #33
No. Company		DAILY	USAGE 8	COST	I			I			
March Marc		7,		1		Closing	Daily				
3APP 600	Item	Unit	Unit Cost		Received		-	Daily Cost			Cum Cost
PRIVALED Death OF 1941 1 52.52 1	ALUMINUM TRISTEARATE	25# sk	\$162.83								
DYNAPEER C 28 9d 80.07 70 70 10 10 10 10 10 10 10 10 10 10 10 10 10											\$1,379.50
DYNAMPSER C			1								
POYMAPPER MIDE			1	70		70					
PRINCE PLUS			1				35	\$1,878.45			
LIMIC 1609	FIBER PLUG	40# sk	\$30.37	30		30		. ,		10	
BENTONE 190 (20)	CACL2 (50)	50# sk	\$16.60	150		125	25	\$415.00		448	\$7,436.80
BENTONE POPI (50)	` '		<u> </u>						_		\$2,125.00
COPTION COPT		-	1				6	\$359.64	_		
OPT NUMER	` '	-					10	¢205.00			
OPTI VET							10	\$303.90			
NEWCARD 200											
MAGNAFIRER R (29) 259 sk. 500.05 40 40 56 150 8224.40 116 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 84.450.81 150 837.24 150 8	NEW PHALT	50# sk	\$38.72	60		40	20	\$774.40		120	\$4,646.40
DIL SORD (20) 25 sts 54.70 40 40 40 50 50 50 50 5	NEWCARB 200	50# sk	\$5.25	67		60	7	\$36.75		110	\$577.50
PHPA LIDUID (qu)	, ,	-	1				8	\$224.40		159	\$4,459.95
SEL (100)									<u> </u>		#070.0
BENTONES 39 (50) 90 P sk			\$41.36						<u> </u>	9	\$372.24
CYBERSRIAL	` '	-	\$163.94							20	\$3,278.80
EVO-Labe	, ,	-					35	\$751.45			\$1,030.56
MAGMAFIBER R (30)											\$1,163.75
NEW-WATE (SACK BARITE) 1008 sk \$11.50 160 160	CAL CARB COARSE (50)	50# sk	\$5.37	120		120					
BARITE BULK (100)	MAGMAFIBER R (30)	30# sk	\$28.05	80		80					
BARITE BULK (100)			-								
BARITE BULK (100)	NEW WATE (SACK BADITE)	100# ck	¢11.50	160		160					
										4016	\$28.112.00
Magnolia Owned OBM bbl 1085 721 364 568 56	(,
Magnolia Owned OBM bbl 1085 721 364 568 56											
Magnolia Owned OBM bbl 1085 721 364 568 56											
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Magnolia Owned OBM bbl 1085 721 364 568 56											
Magnolia Owned OBM bbl 1085 721 364 568 56											
Discounted High LGS OBM bbl \$15.00 914 914 1716 \$25,740.00	OPTI DRILL (OBM)	bbl	\$65.00	890		890				5526	\$359,190.00
Discounted High LGS OBM bbl \$15.00 914 914 1716 \$25,740.00	Magnelia Owned ORM	hhl	-	1005		704	264			FCO	
ENGINEERING (24 HR) each \$925.00	magnona Owned OblVI	ומט		1085		121	304		<u> </u>	800	
ENGINEERING (24 HR) each \$925.00	Discounted High LGS OBM	bbl	\$15.00	914		914				1716	\$25,740.00
ENGINEERING (DIEM) bbl \$30.00											·
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00			-						<u> </u>		
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ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00			<u> </u>								
ENGINEERING (MILES) each \$1.00 1049 \$1,049.00 1049 \$1		-							<u> </u>		
TRUCKING (cwt) each \$2.50			1				2	\$60.00	<u> </u>		
TRUCKING (min) each \$795.00 2 \$1,590.00 PALLETS (ea) each \$12.00 62 \$744.00 SHRINK WRAP (ea) each \$12.00 59 \$708.00	LINOHALLIVINO (INHLEO)	eacn	φ1.00						 	1049	ψ1,049.00
TRUCKING (min) each \$795.00 2 \$1,590.00 PALLETS (ea) each \$12.00 62 \$744.00 SHRINK WRAP (ea) each \$12.00 59 \$708.00			1								
TRUCKING (min) each \$795.00 2 \$1,590.00 PALLETS (ea) each \$12.00 62 \$744.00 SHRINK WRAP (ea) each \$12.00 59 \$708.00			1								
PALLETS (ea) each \$12.00	TRUCKING (cwt)	each	\$2.50							6000	\$15,000.08
SHRINK WRAP (ea) each \$12.00 59 \$708.00		each									\$1,590.00
	` '										\$744.00
Daily Sub-Total \$6,780.99	SHKINK WKAP (ea)	each	\$12.00						<u> </u>	59	\$708.00
			Daily S	ub-Total \$6	6,780.99	Cumulativ	ve Total \$5	40,580.28		\$540.5	80.28

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
06/03/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	48	Repo	rt #33
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98						[7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03						L	7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03						ı L	7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03						ı L	7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06						ı L	6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06						ı L	7301	
TurboChem First Response	each	\$41.75	285		220			, L		\$11,690.00
TurboChem Pallets	each	\$20.00	8		5		\$60.00	, L	5	
TurboChem Shrink Wrap	each	\$20.00	8		5	3	\$60.00	, L	5	
Diesel 5/22/20	gal	\$1.11						ı -	5545	- 1
DIESEL 5/25/20	gal	\$1.12							7404	
DIESEL 05/26/20	gal	\$1.12						ı -	7201	
DIESEL 05/26/20	gal	\$1.13	2400			2400			7202	
DIESEL 06/02/20	gal	\$1.13		7202	5904	1298	\$1,466.74		1298	\$1,466.74
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					Daily S	ub-Total \$7	7,012.49	j [\$120,0	074.07
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	Cumu	ulative Total	AES & 3rd	Party \$660	,654.35					
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OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

					WEEK 1				1			WEEK 2							WEEK 3						
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20			
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri			
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4			
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100			
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100			
	· ·	— ´—	+- <i>'</i>	<u> </u>			<u> </u>	,	 			•	<u> </u>					<u> </u>		<u> </u>					
	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	0	-	-	-	-	-	-	-			
1,133	New Hole Vol.	182	491		-		4		-	103	71	34	12	-	Ŭ	-	-		-	-	-				
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894			
	Chemical Additions	11				6	4	8	1	25	11	-	-	2	-	-	-	-	5	4	-	2			
	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26			
	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7			
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-			
	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-			
26,056		16								107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-			
	Added for Washout	48		39							-	-	-	-	-	-	-	-	-	-	-	56			
35,258	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91			
	Surface Losses	7	23	74	10		16	40	30	30	-		-	-	-	-	-	-	-	217	-	-			
31,163				18				105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-			
	Mud Loss to Cuttings	132	383	19			4	76		108	75		-	-	-	-	-	-	-	-	-	-			
	Unrecoverable Volume			42	42				20		-		-	-	-	-	-	-	-	-	33	73			
132	Centrifuge Losses	12	18	5						15	-		-	-	-	-	-	-	-	-	-	-			
33,114	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73			
2,014	Mud Transferred Out			382							1,632														
2,525	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912			
130	Mud Recovered		130																						
				С	omment	s:					С	omment	s:					С	omment	s:					
		5/9/20			id vol. Cas ost to Cuttir				5/16/20					and trip surg and Trippin		5/23/20		mud on bac ook on to it.			tools and	TIH. Tag			
6,617		5/10/20	Mud lost to bbls. Mud and ROC's	recovered					5/17/20	Mud Lost t Evap 19.5				to Cuttings	108-bbls,	5/24/20		ith fishing to ugh 18* dog				rk fishing			
	-	5/11/20	Returned 3 Cent 5-bbl bbls and T	s, Evap 12					5/18/20	Drilling und continue d		ap. Fresh v	vater pump	ed down ho	ole to	5/25/20		reset fishing to Pump Do OBM.							
		5/12/20			(ILL) lost 10 ion 42-bbls		rucking In	. Mud lost	5/19/20	Drilling und continue d		ap. Fresh v	vater pump	ed down ho	ole to	5/26/20	Jaring on s	stuck pipe. hole.	Mix Isolation	on sweep fo	r intention	aly plug			
		5/13/20	Lost 10.2-l	bbls to Pit \$	Settlement				5/20/20	Side Track down hole				umping fres	sh water	5/27/20	Well conti	In latch from fish, Circulate while increasing MW to 10.7 Vell continue to take mud. LCM mix in active system.Ki OOH to shoe, pump balance plug to POOH and pick up							
		5/14/20	Mud Lost t	to Cutting 3	3.5-bbls, Ev	ap 6-bbls a	and Pit Sett	lement 10-	5/21/20	Side Track down hole				umping fres	sh water	5/28/20		ement plug	wn Fishing tools. Pick up 2 7/8" stinger a ent plug. Stage in the hole, circulating Su						
		5/15/20			76-bbls, Ev to formation		, Pits 10-bl	ols Cent. 9-	5/22/20	Work stuck			up to 1578	0, resume p	oump fresh	5/29/20		ment plug. down DP.							

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: Well Name:

248

					WEEK 4							WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
	54.0	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4																
	Starting Depth	11,100	11,100	10,170	10,424	11,026	13,515															
	Ending Depth	11,100	10,170	10,424	11,026	13,515	10,010															
	Footage Drilled	-	-	254	602	2,489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,133	New Hole Vol.	-	-	11	27	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,912	2,915	2,838	2,863	2,889	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525
132	Chemical Additions	-	3	12	8	13																
	Base Fluid Added	18	16	25	58	88																
279	Barite Increase	7	31	-	-	-																
6,236	Weighted Mud Added	-	-	-	-	-																
-	Slurry Added	-	-	-	-	-																
26,056	Water Added	-	-	24	48	70																
191	Added for Washout	-	-	-	-	-																
35.258	Total Additions	25	50	61	114	171		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surface Losses	_	_	33	-	_																
	Formation Loss		-	-		361																
	Mud Loss to Cuttings			2	28	114																
	Unrecoverable Volume		128	-	62	-																
	Centrifuge Losses	22	120	-	- 02	60																
132	Centinuge Losses			-	-	00																
33,114	Total Losses	22	128	35	89	535	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,014	Mud Transferred Out																					
2,525	Ending System Volume	2,915	2,838	2,863	2,889	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525	2,525
130	Mud Recovered																					
				С	omment	s:					C	omment	s:					С	omment	s:		
	1	5/30/20	Finish lay stage new				oool and Te	est BOP's.	6/6/20							6/13/20						
6,617		5/31/20	TIH with no 4000units. cement plu	Condition					6/7/20							6/14/20						
		6/1/20	POOH to o			resume dril	ling on side	e track.	6/8/20							6/15/20						
		6/2/20	Drilling ahe Centrifuge	ead on curv	e section. I	MW drop to	10.5 with	diesel and	6/9/20							6/16/20						
		6/3/20	Curve land Continue p 450-550ps	umping 40					6/10/20							6/17/20						
		6/4/20							6/11/20							6/18/20						
		6/5/20							6/12/20							6/19/20						

10 ppb First Resonse

110 Old Market St. St Martinville, LA 70582 **OUTSOURCE FLUID SOLUTIONS LLC.**

14,450' TVD

TEL: (337) 394-1078

Operator MAGN Well Name and No		OIL & G	AS		TTERS	ON	County / Paris WAS State	HINGTO	N	(04/22/20)	4 hr fto	935 ft		Orilled Activity	14,450) ft	
LEVI GO		H UNIT	2 - 2H	Rig Name ar	248			EXAS		Spud D	^{ate} 04/26/20			. หอค 248 ft/hr		Activity	Drilli	ng	
Report for	D(/ La	D		Report for	- 1 D1		Field / OSC-G			Fluid Ty		С		ting Rate			ting Pressi		
Kevin		ames Dy			ol Push	ner		DDINGS			OBM		•	385 gpm	1		5,072	•	
\\/aiabt		1	TY SPECI	1	_	LITLID		OLUME (E			PUMP #1			PUMP #2	25		ER BO	051	=K
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		2 bbl	Liner				Size 5.2			Size		
9-17	8-35	4-18 JD PROP	>400	±245K	<10 <25	<10	In Hol		3 bbl	Stro		12	Stro			Stro			
Timo Camplo		JD PKOP	EKIIES	3:00		11:00	Active		15 bbl	bbl/		0763 60	bbl/		0	stk/	/stk		
Time Sample Sample Locat				ACTIVE		shaker	Storag	cation 26	79 bbl	stk/ı		92	stk/ı						
Flowline Temp		=		165 °F		168 °F	Mud Wt. =			gal/i			gal/ı	N DATA		gal/).688 K		25.7
Depth (ft)	erature i			13,443'		14,450'		Depth = 14		117		nout = 2					ency = 9		
Mud Weight (opa)			10.1		9.8				204.1	1	trokes To		2,675				22 m	
Funnel Vis (se			@ 130 °F	40		42	Drill String Disp.	Bottoms				omsUp S		4,963	Botton			41 m	
600 rpm	:c/qt)		@ 130 1	29		30	81.2 bbl		•	. 1144.		otalCirc.s		15,003		·	Time 1		
300 rpm				18		19	01.2 001				LY DATA	otalono.c	JINS	·			NTROL	1201	
200 rpm				15		15	Tubulars	OD (in.)		(in.)	Length	Top	,	Unit	OLIDO	Scre		Hou	rs
100 rpm				10		9	Drill Pipe	` ,		826	11,714'	. 0		Shaker	1		70	12.	
6 rpm				6		6	Agitator			000	37'	11,71	14'	Shaker		17		12.	
3 rpm				5		5	Drill Pipe			826	2,553'	11,75		Shaker			70	12.	
Plastic Viscos	ity (cp)		@ 150 °F	11		11	Dir. BHA			500	145'	14,30		Centrifug				3.0	
Yield Point (lb	• • • • • • • • • • • • • • • • • • • •		T0 = 4	7		8					DATA				,				
Gel Strength (ec / 10 min	6/9		6/9	Casing	OD (in.)	ID	(in.)	Depth	Top)						
Gel Strength (30 min	13		12	Riser	` ,		` ,	·		-	VOLUM	IE AC	COU	NTING ((bbls	 3)
HTHP Filtrate			@ 300 °F	7.0		6.4	Surface	10 1/2			2,991'		-	Prev. Te	otal or	n Loc	ation	252	24.9
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	875	10,273'			Transfe	rred In	n(+)/C	Out(-)		
Retort Solids	Content			13%		12.5%									Oil	Adde	ed (+)	13	32.2
Corrected Sol	ds (vol%)			11.4%		10.9%								E	Barite <i>i</i>	Adde	ed (+)		
Retort Oil Con	tent			68%		67.5%	Oper	n Hole Size	e 6.	885	14,450'			Other Pro	oduct (Usag	e (+)		
Retort Water	Content			19%		20%	AN	NULAR G	EOME	ETRY 8	& RHEOL	OGY		V	Vater /	Adde	ed (+)	;	30.0
O/W Ratio				78:22		77:23	annula	ar _	4	velo	ocity flow	ECE)	Lef	ft on C	utting	gs (-)	-4	43.1
Whole Mud C	nlorides (r	mg/L)		40,000		42,000	sectio	ı a	epth	ft/m				С	entrifu	ge lo	sses	-2	20.2
Water Phase	Salinity (p	pm)		248,190		247,723		•						Non-Reco	overab	ole Vo	ol. (-)		
Whole Mud Al	kalinity, P	om		2.2		2.0	6.875x4	4.5 10	,273'	348	3.9 turb	11.1	5	Est. T	otal or	n Loc	ation	262	23.9
Excess Lime (lb/bbl)			2.9 ppb		2.6 ppb	6.885x4	4.5 11	,714'	347	7.2 turb	11.4	.1	Est. Loss	ses/Ga	ains (-)/(+)		0.0
Electrical Stat	ility (volts	.)		521 v		509 v	6.885x4	4.5 11	,751'	347	7.2 turb	11.6	1	BIT I	HYDR	AULI	CS DA	TA	
Average Spec	ific Gravit	y of Solids	S	3.40		3.16	6.885x4	4.5 14	,305'	347	7.2 turb	11.9	6	Bit H.S.I.	Bit /	ΔP	Nozzles	s (32ı	nds)
Percent Low 0	Fravity So	lids		4.6%		5.9%	6.885x5	.25 14	,450'	475	5.1 turb	12.1	8	0.62	98	psi	18	15	15
ppb Low Grav	ity Solids			38 ppb		48 ppb								Bit Impact	Noz: Velo		16	16	16
Percent Barite				6.8%		5%								Force	(ft/se	•			_
ppb Barite				98 ppb		72 ppb	BIT I	DATA	Ма	anuf./Ty	ype Ulte	erra/U61	1s	210 lbs	10	4			
Estimated Tot	al LCM in	System					Size	Depth In	Но	ours	Footage	ROP f	t/hr	Motor/M\	WD	Calc	. Circ. F	ress	ure
Sample Taker	Ву			A. Roman		M.Meehan	6 3/4	10,375 f	62	2.0	4,075 ft	65.7	7	3,100 p	osi		5,072	psi	
Afternoon Rem	arks/Recor	mmendatio	ns:				Afternoon F	Rig Activity:											
Sweep C	ontains:						Drilli	ng 6 3/4"	latera	ıl hole	section	samples	s are	e 100% Au	ustin (Chalk	c. Curve	Э	
10 ppb M	agmafibe	r F					land	ed at MD	1117	73, TV	D 10590.	Reduc	ed tl	he mud wt	. to 9.	8 рр	g throu	gh tl	
10 ppb N	ewcarb M						300'	in lateral	section	on. Co	ntinue wi	th diese	el an	ping a 10 d water ad	ddition	s to	mainta	in	
10 ppb N	ewphalt													or wellbore for WPS r				naint	ain
10 nnh F							Ì				.,				, -				

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 15,850' TVD

	NOLIA (OIL & (GAS		TTERS	ON		Block IINGTOI	N)4/22		24 hr ff	2,335 ft			-	50 ft
Well Name and No. LEVI GO	ODRIC	H UNI	Г 2 - 2Н	Rig Name ar	248		State TE	EXAS		Spud Dat C Fluid Type)4/26	6/20		t ROP 106 ft/hr	r	Activity Drill Circulati	_	Lateral
Report for Kevin	Burt/J	ames l	Dver		ol Pusi	ner		DINGS		Fluid Typ	в ОВ	м		378 gpm			Ü	psi
			RTY SPECIF					LUME (BE	3L)		PUMI			PUMP #2				OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		4 bbl	Liner	Size	5.25	Line	r Size 5.	25	Liner	Size	
9-17	8-35	4-18	>400	±245K	<10 <25	<10	In Hole	640	0 bbl	Strol	ke	12	Stro	oke 1	2	Stro	ke	
				6/4/20		6/3/20	Active	133	4 bbl	bbl/s	stk	0.0763	bbl	/stk 0.0	763	bbl/s	stk	0.0000
Time Sample	Taken			3:00		11:00	Storage	<u>131</u>	9 bbl	stk/n	nin	59	stk	min 5	59	stk/r	min	
Sample Locati	on			ACTIVE		shaker	Tot. on Loc	cation 265	i3 bbl	gal/n	nin	189	gal	/min 18	89	gal/r	min	0
Flowline Temp	erature °F	=		165 °F		168 °F	F	PHHP = 108	31		CIF	RCULATI	ON DA	TA	L	n = 0	.720	K = 97.330
Depth (ft)				13,443'		14,450'	Bit D	epth = 15,	850 '		١	Washout :	= 2%		Pump	Efficie	ency =	: 95%
Mud Weight (p	ppg)			9.8		9.8	Drill String	Volume	to Bit	224.0	bbl	Stroke	s To Bit	2,935		Time T	o Bit	25 min
Funnel Vis (se	c/qt)		@ 130 °F	47		42	Disp.	Bottoms U	Jp Vol.	415.7	bbl '	Bottomsl	Jp Stks	5,447	Bottor	msUp ¹	Time	46 min
600 rpm				28		30	88.8 bbl	TotalCi	rc.Vol.	1333.7	7 bbl	TotalC	rc.Stks	17,477	Tota	l Circ.	Time	148 min
300 rpm				17		19		DRILLIN	G ASS	SEMBL	Y DA	ГΑ		s	OLIDS	S CON	ITRO	L
200 rpm				14		15	Tubulars	OD (in.)	ID	(in.)	Len	gth	Гор	Unit		Scre	ens	Hours
100 rpm				9		9	Drill Pipe	4.500	3.	826	13,1	114'	0'	Shaker	1	17	0	24.0
6 rpm				6		6	Agitator	4.500	3.	000	3	7' 13	3,114'	Shaker	2	17	0	24.0
3 rpm				4		5	Drill Pipe	4.500	3.	826	2,5	53' 13	3,151'	Shaker	. 3	17	0	24.0
Plastic Viscosi	ity (cp)		@ 150 °F	11		11	Dir. BHA	5.250	2.	500	14	5' 15	5,705'	Centrifuç	ge 1			12.0
Yield Point (lb/	/100 ft²)		T0 = 2	6		8		CASIN	NG & H	HOLE D	DATA							
Gel Strength (lb/100 ft²)	10) sec/10 min	5/9		6/9	Casing	OD (in.)	ID	(in.)	De	pth .	Гор					
Gel Strength (lb/100 ft ²)		30 min	14		12	Riser	0			0)'		VOLUM	IE AC	COUN	ITING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	7.0		6.4	Surface	10 1/2			2,9	91'	0'	Prev. T	otal o	n Loca	ation	2524.9
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,2	273'	0'	Transfe	erred In	n(+)/O	ut(-)	
Retort Solids (Content			14%		12.5%									Oil	Adde	d (+)	187.2
Corrected Soli	ds (vol%)			12.4%		10.9%									Barite	Adde	d (+)	0.0
Retort Oil Con	tent			67%		67.5%	Open	Hole Size	6.	885	15,8	350'		Other Pr	roduct	Usage	e (+)	7.4
Retort Water (Content			19%		20%	ANI	NULAR GE	OME	TRY &	RHE	DLOGY		,	Water	Adde	d (+)	100.0
O/W Ratio				78:22		77:23	annular		eas.	velo			CD	Le	ft on C	Cutting	js (-)	-107.5
Whole Mud Ch	nlorides (n	ng/L)		40,000		42,000	section	de	epth	ft/m	iin	reg II	o/gal	C	Centrifu	uge los	sses	-24.0
Water Phase	Salinity (p	pm)		248,190		247,723								Non-Red	covera	ble Vo	ol. (-)	-35.3
Whole Mud Al	kalinity, P	om		2.2		2.0	6.875x4.	5 10,	,273'	343	.1	turb 1	0.71	Est. T	otal o	n Loca	ation -	2652.7
Excess Lime (lb/bbl)			2.9 ppb		2.6 ppb	6.885x4.	5 13,	,114'	341	.4	turb 1	0.95	Est. Los	ses/G	ains (-)/(+)	0.0
Electrical Stab	ility (volts)		501 v		509 v	6.885x4.	5 13,	,151'	341	.4	turb 1	1.04	BIT	HYDR	AULI	CS D	ATA
Average Spec	ific Gravit	y of Solid	ds	2.90		3.16	6.885x4.		,705'	341			1.28	Bit H.S.I.	Bit	-	Nozzl	es (32nds)
Percent Low G	Gravity So	lids		8.5%		5.9%	6.885x5.2	25 15,	,850'	467	.2	turb 1	1.39	0.57	92		18	15 15
ppb Low Grav	-			70 ppb		48 ppb								Bit Impact	Noz Velo		16	16 16
Percent Barite				3.9%		5%			1					Force	(ft/s	´ -		
ppb Barite				56 ppb		72 ppb	BIT D		-	anuf./Ty		Ulterra/l		197 lbs	10			
Estimated Total	al LCM in	System	ppb				Size	Depth In		ours	Foot		P ft/hr	Motor/M				Pressure
Sample Taken	Ву			A. Roman	0	M.Meehan	6 3/4	10,375 ft	8	4.0	6,41	0 ft	76.3	3,100	psi		5,134	psi

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--2,013 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2653 BBLS

OBM Kill mud on Hand----410bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(593bbl--12.5#)(316bbl--10#) //

\$15.00/bbl

Rig Activity:

Continue drilling ahead on lateral section of the hole. MW has been lowerd to 9.8ppg, as moderate losses continue. Intruduction of LCM into the active system continue with (First Respose, New Carb and Cyberseal) 3 sxs each respectably every hr. Conservative treatment with Lime for Alkalinity, CaCl2 for WPS.Opti G and New Phalt for Fluid Loss. Constant additions of Diesel and Water to offset evaporation and for dilution. However, LCM in the System reflects increase on Solids % on retort and consequently increase of LGS. Casing pressure on Connections @400psi. Drilling with 380gpm / 4900psi / 140-180ROP on rotation. At this time Well not taking any mud, steady.

E	ng. 1:	Ν	/latt M	leeha	ın	Er	ng. 2:	Adolf	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost		
PI	hone:	9	85-35	1-756	31	Ph	none:	956-8	321-9994	Phone:	432-685-4023	Phone:	-					
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$547,121.83										
												INCLUDI	NG 3RD PAR	TY CHARGES	\$15,066.27	\$675,720.62		

MATERIAL CONSUMPTION

Date 06/04/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	DDRICH U		Rig Name and No 248		rt #34
	DAILY	USAGE 8	& COST					CUMU	LATIVE
		11. 24. 5	Previous		Closing	Daily	D-II C	Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Co
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	· ·
DYNAFIBER C	25# sk	\$53.67	70		40	30	\$1,610.10	48	
DYNAFIBER MED	25# sk	\$53.67	85		85			35	
FIBER PLUG	40# sk	\$30.37	30		30			10	· ·
CACL2 (50)	50# sk	\$16.60	125		110	15		463	
LIME (50)	50# sk	\$5.00	125		110	15	\$75.00	440	
BENTONE 910 (50)	50# sk	\$59.94	30		30			40	
BENTONE 990 (50)	50# sk	\$83.59	40		35	5	\$417.95	45	
OPTI G	50# sk	\$30.59			80			160	- '
OPTI MUL HP	gal	\$10.75	400		300	100		625	
OPTI WET	gal	\$8.34	440		330	110	\$917.40	485	\$4,044.9
NEW PHALT	50# sk	\$38.72	40		40			120	\$4,646.4
NEWCARB 200	50# sk	\$5.25	60		36	24	\$126.00	134	\$703.5
MAGMAFIBER F (25)	25# sk	\$28.05	35		35			159	\$4,459.9
OIL SORB (25)	25# sk	\$4.75	40		40				
PHPA LIQUID (pail)	5 gal	\$41.36			88			9	\$372.2
GEL (100)	100# sk		70		70				
BENTONE 38 (50)	50# sk	\$163.94	20		20				\$3,278.
CYBERSEAL	25# sk	\$21.47	200		200			48	\$1,030.
Evo-Lube	gal	\$9.31	975		975			125	\$1,163.7
CAL CARB COARSE (50)	50# sk	\$5.37	120		90	30	\$161.10	30	\$161.
MAGMAFIBER R (30)	30# sk	\$28.05	80		80				
NEW-WATE (SACK BARITE)	100# sk	\$11.50	160		160				
BARITE BULK (100)	100# sk	\$7.00	1550		1550			4016	\$28,112.0
OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.
Magnolia Owned OBM	bbl		721	128	849			568	
Discounted High LGS OBM	bbl	\$15.00	914		914			1716	\$25,740.
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00	64	\$59,200.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	64	\$1,920.
ENGINEERING (MILES)	each	\$1.00							\$1,049.0
TRUCKING (cwt)	each	\$2.50						6000	\$15,000.
TRUCKING (min)	each	\$795.00						2	
PALLETS (ea)	each	\$12.00						62	
SHRINK WRAP (ea)	each	\$12.00						59	
Silitiliti With (Ca)									
Sintilat With (ea)			ub-Total \$6						121.83

THIRD PARTY COST SHEET

Date	Well Name a	ınd No.		Rig Name an	ame and No. Report No.								
06/04/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	2	48	Repor	Report #34			
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE			
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost			
Diesel 4/25/20	gal	\$0.91											
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00			
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86			
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76			
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00			
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00			
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50			
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00			
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02			
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06			
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26			
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06			
TurboChem First Response	each	\$41.75	220		220				280	\$11,690.00			
TurboChem Pallets	each	\$20.00	5		5				5	\$100.00			
TurboChem Shrink Wrap	each	\$20.00	5		5				5	\$100.00			
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95			
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48			
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12			
DIESEL 05/26/20	gal	\$1.13							7202	\$8,138.26			
DIESEL 06/02/20	gal	\$1.13	5904			5904	\$6,671.52		7202	\$8,138.26			
DIESEL 06/03/20	gal	\$1.13		7400	5760	1640	\$1,853.20		1640	\$1,853.20			
	1												
	 												
	 												
	 												
	 												
	 												
					Daily S	ub-Total \$8	3,524.72		\$128,5	598.79			
								1					
	Cumi	ulative Total	AES & 3rd	Party \$675	5,720.62								
				, +0.0	,								

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEV

					WEEK 1				WEEK 2						WEEK 3								
	Date	5/9/20 5/10/20 5/11/20 5/12/20 5/13/20 5/14/20 5/15/20								WEER 2 5/16/20 5/17/20 5/18/20 5/19/20 5/20/20 5/21/20 5/22/20						5/23/20 5/24/20 5/25/20 5/26/20 5/27/20 5/28/20 5/29/20							
	Date	Sat	Sun	Mon	Tue	Wed	7/14/20 Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	
Totals	Ending Depth	— ´—	10,102	10,102	10,284	10,284	10,380	11,970	11,970		15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100	
	• •	4,915				-	<u> </u>			14,305			· ·									· ·	
,	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	-	-	-	-	-	
1,237	New Hole Vol.	182	491	17	-	-	4	70	-	103	71	34	12	-	0	-	-	-	-	-	-	-	
	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	
	Chemical Additions	11	17			6	4	8	1	25	11	-	-	2	-	-	-	-	5	4	-	2	
2,551		129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26	
	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7	
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-	
	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-	
-,	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-	
	Added for Washout	48	48	39							-	-	-	-	-	-	-	-	-	-	-	56	
35,553		204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91	
480	Surface Losses	7	23	74	10		16	40	30	30	-		-	-	-	-	-	-	-	217	-	-	
31,198	Formation Loss			18				105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-	
,	Mud Loss to Cuttings	132	383	19			4	76		108	75		-	-	-	-	-	-	-	-	-	-	
	Unrecoverable Volume			42	42				20		-		-	-	-	-	-	-	-	-	33	73	
156	Centrifuge Losses	12	18	5						15	-		-	-	-	-	-	-	-	-	-	-	
33,281	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73	
2,014	Mud Transferred Out			382							1,632												
2,653	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912	
130	Mud Recovered		130																				
	•			С	omment	s:			Comments:							Comments:							
		5/9/20			id vol. Casi ost to Cuttir				Mud Lost to partial losses due to seepage and trip surge 500- bbls, Evap 20-bbls, Pit Settlement 10-bbls and Tripping out 20- bbls						5/23/20 Pump Kill mud on back side, Pick up fishing tools and TIH. Tag fish and hook on to it. Start POOH.								
6,617		5/10/20	Mud lost to bbls. Mud and ROC's	l recovered					5/17/20	5/17/20 Mud Lost to Formation 705-bbls. Mud lost to Cuttings 108-bbls Evap 19.56, Pits 10-bbls and Cent. 14.54bbls							5/24/20 Kill well with fishing tools in. Top of fish 11100' Work fishing tools through 18* dog legs. Receive 782bbls OBM						
	-	5/11/20	Returned 382-bbls to Newpark. Mud Lost Cuttings 19-bbls, 5/11/20 Cent 5-bbls, Evap 12.5, TOOH/TIH 35-bbls, Shaker Run off 42.2 bbls and Trucking 26-bbls						5/18/20 Drilling under Mud Cap. Fresh water pumped down hole to continue drilling.						ole to	5/25/20	POOH to reset fishing tools and TIH for fish (3rd attempt). Continue to Pump Down DP and back side to kill well. Received 1537bbls OBM.						
		5/12/20			(ILL) lost 10 ion 42-bbls		rucking In	. Mud lost	5/19/20 Drilling under Mud Cap. Fresh water pumped down hole to continue drilling.						ole to	5/26/20	Jaring on stuck pipe. Mix Isolation sweep for intentionaly plug DP in the hole.						
	5/13/20	5/13/20 Lost 10.2-bbls to Pit Settlement						5/20/20 Side Track time drilling 16027. Continue pumping fresh water down hole with 13# mud cap on back side.						h water	Un latch from fish, Circulate while increasing MW to 10.7ppg. 5/27/20 Well continue to take mud. LCM mix in active system.Kill well POOH to shoe, pump balance plug to POOH and pick up stinger								
	5/14/20	5/14/20 Mud Lost to Cutting 3.5-bbls, Evap 6-bbls and Pit Settlement 10-bbls						5/21/20 Side Track time drilling 16027. Continue pumping fresh water down hole with 13# mud cap on back side.						5/28/20	POOH lay down Fishing tools. Pick up 2 7/8" stinger and TIH for set up of cement plug. Stage in the hole, circulating Surf. Surf every time.								
	5/15/20	Mud Lost to Cuttings 76-bbls, Evap 21-bbls, Pits 10-bbls Cent. 9- bbls. Patrial Losses to formation 105-bbls						5/22/20 Work stuck pipe free, Dry ream up to 15780, resume pump fresh water. Kill well and POOH.						Pump Cement plug. POOH 20stans and circulate Sur-surf. POOH lay down DP. Cut MW in the active system 9.8ppg.									

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

																4							
					WEEK 4				WEEK 5						WEEK 6								
	Date	5/30/20		6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20		6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20	
	D't O'-	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Cuand	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	45.050															
Grand	Starting Depth	11,100	11,100	10,170	10,424	11,026	13,515	15,850															
Totals	Ending Depth	11,100	10,170	10,424	11,026	13,515	15,850																
	Footage Drilled	-	-	254	602	2,489	2,335	-	-	-	•	-	-	-	-	-	-	-	-	•	•	-	
1,237	New Hole Vol.	-	-	11	27	110	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Starting System Volume	2,912	2,915	2,838	2,863	2,889	2,525	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	
	Chemical Additions	-	3	12	8	13	7																
	Base Fluid Added	18	16	25	58	88	187																
	Barite Increase	7	31	-	-	-	-																
6,236	Weighted Mud Added	-	-	-	-	-	-																
	Slurry Added	-	-	- 04	-	- 70	-																
	Water Added Added for Washout	-	-	24	48	70	100																
				- 04	- 444		-																
	Total Additions	25	50	61	114	171	295	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	
	Surface Losses	-	-	33	-	-	-																
	Formation Loss	-	-	-	-	361	35																
	Mud Loss to Cuttings Unrecoverable Volume	-	128	2	28 62	114	108																
	Centrifuge Losses	22	120	-	- 62	60	24																
130	Centinuge Losses	22		-	-	00	24																
33,281	Total Losses	22	128	35	89	535	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,014	Mud Transferred Out																						
2,653	Ending System Volume	2,915	2,838	2,863	2,889	2,525	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	2,653	
130	Mud Recovered																						
	•			С	omment	s:			Comments:						Comments:								
		5/30/20		down DP, C DP on pipe			pool and Te	est BOP's.	6/6/20							6/13/20							
6,617		5/31/20		ew DP. Cir Condition lug.					6/7/20							6/14/20							
	-	6/1/20		change out //W 11.1ppg		resume dri	lling on side	e track.	6/8/20							6/15/20							
		6/2/20	Drilling ah Centrifuge	ead on curv	e section.	MW drop to	o 10.5 with	diesel and	6/9/20	6/9/20							6/16/20						
	Curve landed. Drilling lateral. @12500' well taking mud. 6/3/20 Continue pumping 400gpm, Casing pressure on connections 450-550psi.								6/10/20							6/17/20							
	Drilling ahead on Lateral section. Well taking some to 0 mud . 6/4/20 LCM into the active and Pumping sweeps every 300' (20bbls) LCM.Casing prss. 400psi / Pump 380gpm / 180rop on rotation.								6/11/20						6/18/20								
	6/5/20								6/12/20 6/19/20														

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

16,273' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA Rig Name ar	TTERS	ON	County / Parish / WASH	Block IINGTO	N	Engineer S O4 Spud Date	4/22/2	20	24 hr ftg. 4 Current RO	23 ft		Drilled D		73 ft	
LEVI GO		H UN	IT 2 - 2H	itig ivallie al	248			EXAS		-	4/26/2			″ 6 ft/hı		Activity	PO	ОН	
Report for				Report for			Field / OCS-G #			Fluid Type		-	Circulating	Rate		Circulati	ng Pres	sure	
Kevin	Burt/Ji	m Ha	rrison	То	ol Push	ner	GID	DINGS			OBM		16	0 gpn	1	3	,483	psi	i
	MUD	PROPI	ERTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	Р	UMP#	±1	Pι	JMP #2		RISE	R B	OOST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	74	3 bbl	Liner S	ize	5.25	Liner Siz	ze 5.	25	Liner	Size		
9-17	8-35	4-18	>400	±250K	<10 <25	<10	In Hole	720	6 bbl	Stroke	е	12	Stroke	1	2	Stro	ke		
				6/5/20		6/4/20	Active	88	7 bbl	bbl/st	:k (0.0763	bbl/stk	0.0	763	bbl/s	stk	0.00	000
Time Sample	Taken			3:00		11:00	Storage	<u>114</u>	7 bbl	stk/mi	in	0	stk/min	n 5	50	stk/n	nin		
Sample Locati	ion			ACTIVE		shaker	Tot. on Loc	cation 261	6 bbl	gal/mi	in	0	gal/mir	1	60	gal/r	nin	0)
Flowline Temp	perature °F	F				168 °F		PHHP = 32	6	•	CIRC	ULATION	N DATA			n = 0.	.688	K = 12	5.689
Depth (ft)				16,273'		16,273'	Bit [Depth = 3,6	620 '		Wa	shout = 2	2%		Pump	Efficie	ncy =	95%	,
Mud Weight (p	opg)			9.9		9.8	Drill String	Volume	to Bit	50.1 b	bl	Strokes T	o Bit	656	-	Time T	o Bit	13 r	min
Funnel Vis (se	ec/qt)		@ 115 °F	49		45	Disp.	Bottoms U	Jp Vol.	94.0 b	bl B	ottomsUp	Stks	1,231	Bottor	msUp ⁻	Time	25 r	min
600 rpm				29		30	22.2 bbl	TotalCi	rc.Vol.	887.1 l	bbl	TotalCirc.	Stks 1	1,625	Tota	l Circ.	Time	232	min
300 rpm				18		19	-	DRILLIN	G ASS	SEMBLY	DATA	ı		s	OLIDS	S CON	ITRO	L	
200 rpm				14		15	Tubulars	OD (in.)	ID	(in.)	Length	h To	р	Unit		Scre	ens	Hou	urs
100 rpm				9		10	Drill Pipe	4.500	3.	826	884'	0	,	Shaker	1	17	0	18	.0
6 rpm				6		6	Agitator	4.500	3.	.000	37'	88	4'	Shaker	2	17	0	18	.0
3 rpm				4		5	Drill Pipe	4.500	3.	826	2,553	92	1'	Shaker	. 3	17	0	18	.0
Plastic Viscos	ity (cp)		@ 150 °F	11		11	Dir. BHA	5.250	2.	500	145'	3,47	75' (Centrifuç	ge 1			6.0	0
Yield Point (lb.	/100 ft²)		T0 = 2	7		8		CASI	IG & I	HOLE DA	ATA								
Gel Strength (lb/100 ft²)	,	10 sec/10 min	6/9		6/9	Casing	OD (in.)	ID	(in.)	Depth	n To	р						
Gel Strength (lb/100 ft ²)		30 min	15		13	Riser	0			0'			VOLUN	IE AC	COUN	ITING	(bbl	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.0		6.4	Surface	10 1/2			2,991	' 0'	'	Prev. T	otal o	n Loca	ation	26	552.7
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	10,273	3' 0'		Transfe	erred Ir	n(+)/O	ut(-)		
Retort Solids (Content			13%		14%									Oil	Added	(+) b	1	107.0
Corrected Soli	ids (vol%)			11.4%		12.3%									Barite	Added	(+) b		17.4
Retort Oil Con	itent			69%		66%	Open	Hole Size	6.	885	16,273	3'	(Other Pi	roduct	Usage	e (+)		3.1
Retort Water (Content			18%		20%	ANI	NULAR GE	ОМЕ	TRY & R	RHEOL	OGY		,	Water	Added	(+) b		0.0
O/W Ratio				79:21		77:23	annular	· me	eas.	veloci	ity flo	ow EC	D	Le	ft on C	Cutting	s (-)	-	-19.5
Whole Mud Cl	hlorides (n	ng/L)		40,000		43,000	section		epth	ft/mir	,	eg lb/g		C	Centrifu	uge los	sses	-	-18.0
Water Phase	Salinity (p	pm)		258,415		252,134		l		ı	<u> </u>	ı	١	Non-Red	covera	ble Vo	l. (-)	-1	126.8
Whole Mud Al	kalinity, P	om		1.8		2.3	6.875x4.	5 8	84'	145.4	4 la	m		Est. T	otal o	n Loca	ation	26	315.9
Excess Lime (lb/bbl)			2.3 ppb		3 ppb	6.875x4.	5 9	21'	145.4	4 la	m		Est. Los	ses/G	ains (-	-)/(+)		0.0
Electrical Stab	oility (volts))		521 v		508 v	6.875x4.	.5 3,	475'	145.4	4 la	m 10.4	42	BIT	HYDR	AULI	CS D	ATA	
Average Spec	ific Gravity	y of Sol	ids	3.21		2.88	6.875x5.2	25 3,	620'	199.3	3 la	m 10.0	63 Bi	t H.S.I.	Bit	ΔΡ	Nozzl	es (32	2nds)
Percent Low 0	Gravity Sol	lids		5.8%		8.6%								0.04	17	psi	18	15	15
ppb Low Grav	ity Solids			48 ppb		71 ppb							Rit	Impact	Noz		16	16	16
Percent Barite)			5.6%		3.7%								Force	Velo (ft/s	-			
ppb Barite				80 ppb		53 ppb	BIT D	ATA	Ma	anuf./Typ	e U	Ilterra/U6	11s 3	36 lbs	4:	3		\neg	
Estimated Tot	al LCM in	System	n ppb				Size	Depth In	Н	ours	Footag	je ROP	ft/hr N	Motor/M	WD	Calc.	Circ.	Press	sure
Sample Taker	n By			A. Roman	0	M.Meehan	6 3/4	10,375 ft	9	7.0	6,823	ft 70.	.3	2,800	osi		2,961	psi	
				<u> </u>	l				<u> </u>									-	

Remarks/Recommendations:

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--1,892 bbls (storage + Active)

TOTAL OBM ON LOCATION: 2,616 BBLS

OBM Kill mud on Hand----311bbls //14.4# // \$65.00/bbl

Discounted OBM on hand -(617bbl--12#)(219bbl--9.8#) //

\$15.00/bbl

Rig Activity:

Drilled 6 $3/4\mbox{\sc d}$ hole to 16,273', as cuttings samples show indications of EagleFord Formation, an attempt to Slide out of it was attempted howerver unsuccessful. Hole packed off traping Drill String. Work Drill string free, and pull up to 16100'. Pump LCM sweep to clean hole. TD was called at this point. Pump 3 sweeps for clean up cycle and circulated 5 BU. As floats on Drill string fail, Slug was pumped and Kill mud was use to fill up back side with calculated fill while stripping up to the shoe (10,274'). Opsi on Casing and DP, well in static condition. Perform Rig service while monitoring Well on Trip Tanks. Pump additions 36bbls of kill mud (16ppg) down DP and continue POOH to run casing. At this time Well in stable conditions, taking proper fill. Bit passing 3000'.

	1	1	1	1	1	1	1	1	validity o	f this inform	ation, and this is a r			TY CHARGES	\$12.951.38	\$689.507.00
''			_	4	4	4		4						on is made as to the	• •	, ,
W	Р	Υ	F	С	a	G	Н	0			ecommendation, exp				\$7,188.00	\$554,309.83
Р	hone:	98	85-35	1-756	61	Ph	one:	956-8	21-9994	Phone:	432-685-4023	Phone:	-			
Е	ng. 1:	N	∕latt N	1eeha	ın	Er	ng. 2:	Adolfo	Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost

MATERIAL CONSUMPTION

Date 06/05/20	Operator MAGI	NOLIA OIL		Well Name a	DDRICH U		Rig Name and 24		ort #35
	DAILY	USAGE 8	k COST					СОМО	LATIVE
		11. 22. 5	Previous		Closing	Daily	D-" -	Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Co
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	\$1,379.5
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	\$128.9
DYNAFIBER C	25# sk	\$53.67	40			40	\$2,146.80	88	\$4,722.9
DYNAFIBER MED	25# sk	\$53.67	85		85			35	\$1,878.4
FIBER PLUG	40# sk	\$30.37	30		30			10	\$303.7
CACL2 (50)	50# sk	\$16.60	110		110			463	\$7,685.8
LIME (50)	50# sk	\$5.00	110		110			440	\$2,200.0
BENTONE 910 (50)	50# sk	\$59.94	30		30			40	\$2,397.6
BENTONE 990 (50)	50# sk	\$83.59	35		35			45	\$3,761.5
OPTI G	50# sk	\$30.59	80		80			160	\$4,894.4
OPTI MUL HP	gal	\$10.75	300		275	25	\$268.75	650	\$6,987.5
OPTI WET	gal	\$8.34	330		330			485	\$4,044.9
NEW PHALT	50# sk	\$38.72	40		40			120	\$4,646.4
NEWCARB 200	50# sk	\$5.25			36			134	
MAGMAFIBER F (25)	25# sk	\$28.05			20	15	\$420.75	174	+ · ·
OIL SORB (25)	25# sk	\$4.75			30	10	\$47.50	10	
PHPA LIQUID (pail)	5 gal	\$41.36			88	10	ψ17.00	- 10	
GEL (100)	100# sk	Ψ+1.50	70		70			<u>*</u>	Ψ012.2
BENTONE 38 (50)	50# sk	\$163.94			20			20	\$3,278.8
CYBERSEAL						20	¢420_40		
	25# sk	\$21.47	200		180	20	\$429.40		\$1,459.9
Evo-Lube	gal	\$9.31	975		975		00::	125	
CAL CARB COARSE (50)	50# sk	\$5.37	90		50	40	\$214.80	70	\$375.9
MAGMAFIBER R (30)	30# sk	\$28.05	80		80			<u> </u>	
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NEW-WATE (SACK BARITE)	100# sk	\$11.50			160				
BARITE BULK (100)	100# sk	\$7.00	1550		1300	250	\$1,750.00	4266	\$29,862.0
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OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.
OPTI DRILL (OBM)	bbl	\$65.00	890		890			5526	\$359,190.
OPTI DRILL (OBM) Magnolia Owned OBM	bbl	\$65.00	890 849		890 812	37		5526	
		\$65.00				37			
Magnolia Owned OBM		\$65.00 \$15.00	849			37		605	
	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM	bbl		849		812	37		605	
Magnolia Owned OBM Discounted High LGS OBM	bbl	\$15.00	914		812	37		1716	\$25,740.
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR)	bbl		914		812	37	\$1,850.00	605	\$25,740.
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR)	bbl	\$15.00	914		812		\$1,850.00	605	\$61,050.1
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$15.00 \$15.00 \$925.00	914		812	2		605	\$61,050.1
Magnolia Owned OBM	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00	914		812	2		605	\$25,740. \$25,740. \$61,050. \$1,980.
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00	914		812	2		605	\$ \$25,740. \$ \$25,740. \$ \$61,050. \$ \$1,980.
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl each bbl	\$15.00 \$15.00 \$925.00 \$30.00	914		812	2		605	\$25,740. \$25,740. \$61,050. \$1,980.
ENGINEERING (24 HR) ENGINEERING (MILES)	bbl bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	914		812	2		605 1716 66 66 66 1045	\$61,050. \$1,980.
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00	914		812	2		605 1716 666 66 1049	\$61,050.1 \$1,980.0 \$1,049.1
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00	914		812	2		605 1716 666 66 1049	\$61,050.0 \$1,980.0 \$1,049.0 \$1,500.0
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00 \$12.00	914		812	2		605 1716 666 66 1049 6000 2	\$25,740.0 \$25,740.0 \$61,050.0 \$1,980.0 \$1,049.0 \$15,000.0 \$7,590.0
Magnolia Owned OBM Discounted High LGS OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each each	\$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$2.50 \$795.00	914		812	2		605 1716 666 66 1049	\$25,740.1 \$25,740.1 \$61,050.1 \$1,980.4 \$1,049.1 \$15,000.1 \$1,590.0

THIRD PARTY COST SHEET

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
06/05/20		NOLIA OIL	& GAS		ODRICH U	NIT 2 - 2H	24			rt #35
	DAILY	USAGE 8	& COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	200		180	20	\$835.00		320	\$13,360.00
TurboChem Pallets	each	\$20.00	5		4	1	\$20.00		6	\$120.00
TurboChem Shrink Wrap	each	\$20.00	5		4	1	\$20.00		6	\$120.00
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13							7202	\$8,138.26
DIESEL 06/02/20	gal	\$1.13							7202	
DIESEL 06/03/20	gal	\$1.13	5760		1434	4326	\$4,888.38		5966	\$6,741.58
DIESEL 06/04/20	gal	\$1.19		7398	7398					
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					Daily S	ub-Total \$5	5,763.38		\$135,1	197.17
						1		_		
	Cumi	ulative Total	AES & 3rd	Party \$689	,507.00					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 1				1			WEEK 2							WEEK 3				
	Date	5/9/20	5/10/20	5/11/20	5/12/20	5/13/20	5/14/20	5/15/20	5/16/20	5/17/20	5/18/20	5/19/20	5/20/20	5/21/20	5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20	
	Date	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100	
	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	-	-	-	-	-	-	
	New Hole Vol.	182	491	17	_	-	4	70	_	103	71	34	12	_	0		_	-	_	_	_	_	
1,200	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	
143	Chemical Additions	11	17	ŕ	,	. 6	4	. 8	1	25	11	-	-	2	-	-	-	-	5	4	-	2	
	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26	
	Barite Increase		28	10			7	26	26	2	29	-	8	-	-	-	20	28	14	22	14	7	
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-	
-	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-	
	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-	
	Added for Washout	48	48	39							-	-	-	-	-	-	-	-	-	-	-	56	
35,680	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91	
	Surface Losses	7	23	74	10		16	40	30	30	-		-	-	-	-	-	-	-	217	-	-	
	Formation Loss			18				105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-	
	Mud Loss to Cuttings	132	383	19			4	76		108	75		-	-	-	-	-	-	-	-	-	-	
488	Unrecoverable Volume	40	40	42	42				20	45	-		-	-	-	-	-	-	-	-	33	73	
174	Centrifuge Losses	12	18	5						15	-		-	-	-	-	-	-	-	-	-	-	
33,445	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73	
2,014	Mud Transferred Out			382							1,632												
2,616	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912	
130	Mud Recovered		130																				
				С	omment	s:					C	omment	s:					С	omment	s:			
		5/9/20		101bbls ski ent. Mud lo					5/16/20					and trip suro and Trippin		5/23/20		mud on ba			tools and	TIH. Tag	
6,617		5/10/20	bbls. Mud	o Cuttings 3 I recovered s 129.7-bbl	from, shak				5/17/20			n 705-bbls bbls and Ce		to Cuttings	108-bbls,	5/24/20		ith fishing to ugh 18* dog				k fishing	
	-	5/11/20	Cent 5-bbl	382-bbls to ls, Evap 12 rucking 26	.5, TOOH/1				5/18/20	Drilling uncontinue d		ap. Fresh v	vater pump	ed down ho	ole to	5/25/20		reset fishing to Pump Do OBM.					
		5/12/20	Rec. 421-l to spacer	bbls 16.0 (k contaminati	(ILL) lost 10 ion 42-bbls	0-bbls to Tr	ucking In	. Mud lost	5/19/20	Drilling uncontinue d		ap. Fresh v	vater pump	ed down ho	ole to	5/26/20	laring on stuck pine. Mix legistion sweep for intentionally plus						
		5/13/20	Lost 10.2-	bbls to Pit \$	Settlement				5/20/20			ng 16027. Inud cap on		umping fres	h water	5/27/20	Un latch from fish, Circulate while increasing MW to 10.7pp Well continue to take mud. LCM mix in active system.Kill w POOH to shoe, pump balance plug to POOH and pick up st						
		5/14/20	Mud Lost t	to Cutting 3	s.5-bbls, Ev	ap 6-bbls a	nd Pit Sett	ement 10-	5/21/20			ng 16027. Inud cap on		umping fres	h water	5/28/20		down Fish cement plug e.					
		5/15/20		to Cuttings			, Pits 10-bl	ols Cent. 9-	5/22/20	Work stuc water. Kill			up to 15780	0, resume p	ump fresh	5/29/20		ment plug. down DP.					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

					WEEK 4							WEEK 5							WEEK 6			
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20
	Date	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	Jai	Juli	WIOTI	Tue	Wea	IIIu		Jai	Juli	WIOII	Tue	Weu	IIIu	
Grand			+						40.070													
	Starting Depth	11,100	11,100	10,170	10,424	11,026	13,515	15,850	16,273													
Totals	Ending Depth	11,100	10,170	10,424	11,026	13,515	15,850	16,273														
20,045	Footage Drilled	-	-	254	602	2,489	2,335	423	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,256	New Hole Vol.	-	-	11	27	110	103	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,912	2,915	2,838	2,863	2,889	2,525	2,653	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616
143	Chemical Additions	-	3	12	8	13	7	3														
2,658	Base Fluid Added	18	16	25	58	88	187	107														
296	Barite Increase	7	31	-	-	-	-	17														
6,236	Weighted Mud Added	-	-	-	-	-	-	-														
-	Slurry Added	-	-	-	-	-	-	-														
26,156	Water Added	-	-	24	48	70	100	-														
191	Added for Washout	-	-	-	-	-	-	-														
35 680	Total Additions	25	50	61	114	171	295	127	-	-	-	-	-	-	-	-	-	-	_		-	-
,	Surface Losses	-	-	33	-	-	-	-														
		-	-	-	-	361	35	37														
31,235 1.068		!		2	28	114	108	20														
488	<u> </u>	-	- 400			- 114																
	8	22	128	-	62	60	- 24	89														
174	Centrifuge Losses	22		-	-	60	24	18														
33,445	Total Losses	22	128	35	89	535	167	164	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,014	Mud Transferred Out																					
2,616	Ending System Volume	2,915	2,838	2,863	2,889	2,525	2,653	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616
, i		2,915	2,838	2,863	2,889	2,525	2,653	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616	2,616
	Ending System Volume Mud Recovered	2,915	2,838				2,653	2,616	2,616	2,616	•	·		2,616	2,616	2,616	2,616				2,616	2,616
		2,915	2,838		2,889 Comment		2,653	2,616	2,616	2,616	•	2,616		2,616	2,616	2,616	2,616		2,616		2,616	2,616
_ ´		2,915	Finish lay	C down DP, (comment	s: Drill line s			2,616	2,616	•	·		2,616	2,616	2,616	2,616				2,616	2,616
´			Finish lay	С	comment	s: Drill line s				2,616	•	·		2,616	2,616		2,616				2,616	2,616
130		5/30/20	Finish lay stage new	down DP, (Change out e racks for roulate top	S: Drill line spick up .	pool and Te	est BOP's.	6/6/20	2,616	•	·		2,616	2,616	6/13/20	2,616				2,616	2,616
_ ´			Finish lay stage new	down DP, (or DP on pipe ew DP. Cin Condition	Change out e racks for roulate top	S: Drill line spick up .	pool and Te	est BOP's.		2,616	•	·		2,616	2,616		2,616				2,616	2,616
130		5/30/20	Finish lay stage new TIH with n 4000units. cement plo	down DP, (in DP on pipe ew DP. Cin Condition ug.	Change out e racks for roulate top MW to 11.	S: Drill line spick up . of the cementary 127b	pool and Te ent plug, Ga obls lost be	est BOP's. as up low	6/6/20	2,616	•	·		2,616	2,616	6/13/20	2,616				2,616	2,616
130		5/30/20	Finish lay stage new TIH with n 4000units. cement ple	down DP, (or DP on pipe ew DP. Cin Condition	Change out e racks for roulate top MW to 11.	S: Drill line spick up . of the cementary 127b	pool and Te ent plug, Ga obls lost be	est BOP's. as up low	6/6/20	2,616	•	·		2,616	2,616	6/13/20	2,616				2,616	2,616
130		5/30/20	Finish lay stage new TIH with n 4000units cement plo POOH to Maintain N	down DP, (on DP on pipe ew DP. Cir. Condition ug. change out MW 11.1ppg	Change out e racks for reculate top MW to 11.	s: Drill line spick up . of the cemed ppg. 127th resume dri	pool and Te ent plug, Ga obls lost be Illing on side	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20	2,616				2,616	2,616
130		5/30/20	Finish lay stage new TIH with n 4000units. cement plu POOH to Maintain N	down DP, (ODP on pipe ew DP. Cir. Condition ug. change out JW 11.1ppe ead on curv	Change out e racks for reculate top MW to 11.	s: Drill line spick up . of the cemed ppg. 127th resume dri	pool and Te ent plug, Ga obls lost be Illing on side	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units cement plo POOH to Maintain N	down DP, (ODP on pipe ew DP. Cir. Condition ug. change out JW 11.1ppe ead on curv	Change out e racks for reculate top MW to 11.	s: Drill line spick up . of the cemed ppg. 127th resume dri	pool and Te ent plug, Ga obls lost be Illing on side	est BOP's. as up low e track.	6/6/20 6/7/20 6/8/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20 6/2/20	Finish lay stage new TIH with n 4000units. cement plu POOH to 6 Maintain N Drilling ah Centrifuge	down DP, (or DP on pipe ew DP. Cin Condition ug. change out MW 11.1ppg ead on curve.)	Change out e racks for roulate top MW to 11. BHA. TIH g. ye section.	S: Drill line spick up . of the cempt 127b resume dri MW drop to	pool and To	as up low e track.	6/6/20 6/7/20 6/8/20 6/9/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20	Finish lay stage new TIH with n 4000units. cement plu POOH to 6 Maintain N Drilling ah Centrifuge	down DP, 0 DP on pipe ew DP. Cit Condition ug. change out IW 11.1ppe ead on curv ded. Drillin bumping 40	Change out e racks for roulate top MW to 11. BHA. TIH g. ye section.	S: Drill line spick up . of the cempt 127b resume dri MW drop to	pool and To	as up low e track.	6/6/20 6/7/20 6/8/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20 6/2/20 6/3/20	Finish lay stage new TIH with n 4000units. cement plu POOH to Maintain N Drilling ah Centrifuge Curve land Continue p 450-550ps	down DP, (in DP on pipe ew DP. Cit. Condition up. Change out all MW 11.1ppg ead on curve. Change ded. Drilling bumping 40 si. ead on Late	Change out e racks for roulate top MW to 11. BHA. TIH g. ye section. g lateral. (00gpm, Caseral section)	Drill line spick up . Drill line spick up . of the cempt ppg. 127b resume dri MW drop to 12500' we ing pressul Well taki	pool and To ent plug, Go obls lost be Illing on side o 10.5 with ell taking m re on conne	as up low e track. diesel and ud. ections	6/6/20 6/7/20 6/8/20 6/9/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20 6/16/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20 6/2/20	Finish lay stage new TIH with n 4000units. cement plu POOH to Maintain M Drilling ah Centrifuge Curve land Continue p 450-550ps Drilling ah LCM into to	down DP, (in DP on pipe ew DP. Cit. Condition up. Change out all MW 11.1ppg ead on curve. Change ded. Drilling bumping 40 si. ead on Late	Change out e racks for roulate top MW to 11. BHA. TIH g. ye section. g lateral. (00gpm, Caseral section ond Pumpin nd Pumpi	Drill line spick up . Drill line spick up . of the cemel ppg. 127b resume dri MW drop to 12500' we ing pressul Well taki g sweeps e	pool and To ent plug, Ga bis lost be Illing on side o 10.5 with ell taking m re on conne on some to very 300' (est BOP's. as up low e track. diesel and ud. sctions o 0 mud. 20bbls)	6/6/20 6/7/20 6/8/20 6/9/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20 6/2/20 6/3/20	Finish lay stage new TIH with n 4000units. cement plu POOH to Maintain M Drilling ah Centrifuge Curve land Continue p 450-550ps Drilling ah LCM into the LCM. Casi	down DP, Go DP on pipe ew DP. Cin Condition ug. Change out divided. Drilling ead on curvicular dead. Drilling ead on Late the active ang prss. 40 16273'. Into	Change out e racks for roulate top MW to 11. ** BHA. TIH g. ** g lateral. @ 10 (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	S: Drill line spick up . of the ceme lppg. 127th resume dri MW drop to line pressul Well taki g sweeps e o 380gpm / d formation	pool and To ent plug, Ga bbls lost be llling on side o 10.5 with o 10.5 with ng some to every 300' (180rop on DP stuck/	est BOP's. as up low e track. diesel and ud. sections o 0 mud . 20bbls) rotation. Packed	6/6/20 6/7/20 6/8/20 6/9/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20 6/16/20	2,616				2,616	2,616
130		5/30/20 5/31/20 6/1/20 6/2/20 6/3/20	Finish lay stage new TIH with n 4000units cement plu POOH to Maintain N Drilling ah Centrifuge Curve land Continue p 450-550ps Drilling ah LCM into t LCM.Casi Drilled to off. Lost 3	down DP, 0 DP on pipe ew DP. Cin Condition ug. change out dw 11.1ppg ead on curv ded. Drillin bumping 40 si. ead on Late the active a ng prss. 40	Change out e racks for roulate top MW to 11. BHA. TIH g. ve section. g lateral. @ 0gpm, Cas eral section nd Pumpin opsi / Pum or Eagle Foro pumping in	Drill line spick up . Of the cemulating 127b resume dri MW drop to 12500' we ing pressul Well taking groweps ep 380gpm / d formation to formation to formation	pool and Tean plug, Gabbs lost be lling on side of 10.5 with lill taking me on connectivery 300' (180 rop on DP stuck) on to free upon	est BOP's. as up low e track. diesel and ud. 20bbls) 0 mud. 20bbls) rotation. Packed p pipe.	6/6/20 6/7/20 6/8/20 6/9/20	2,616	•	·		2,616	2,616	6/13/20 6/14/20 6/15/20 6/16/20	2,616				2,616	2,616

110 Old Market St. St Martinville, LA 70582 TEL: (337) 394-1078 16,273' TVD

r				r						1							
Operator MAGN	IOLIA C)II & G	243	Contractor	TTERS	ON	County / Paris	h / Block HINGTO	N	Engineer Sta	art Date /22/20	24 hr	ftg.		Drilled	Depth 16,27	3 ft
Well Name and No.		il a o		Rig Name ar		<u> </u>	State	11111010		Spud Date	ZZIZU	Curre	nt ROP		Activity		<u> </u>
LEVI GO	ODRIC	H UNIT	2 - 2H		248		Т	EXAS		04/	/26/20				R	un Ca	sing
Report for	Burt/Jir	n Harri		Report for	ol Push		Field / OSC-G	# DDINGS		Fluid Type)BM	Circul	ating Rate		Circulat	ting Press	ure
Keviii			TY SPECII			iei		OLUME (BE	DI \		IMP #1		PUMP #2		DIG	ED DO	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		bbl	Liner Size		05 Line		25		Size	OSIEK
9-17	8-35	4-18	>400	±250K	<10 <25	<10	In Hole		bbl	Stroke	e 5.2 12			25	Stro		
9-17		JD PROF		±250K	< 10 <25	<10	Active		bbl	bbl/stk	0.07			2 763	bbl		
Time Sample		JD PKOP	EKIIES	2:00		11:20								703			
· ·				3:00		11:30	Storag		7 bbl	stk/min			/min		stk/		
Sample Locati				ACTIVE		shaker		cation 260		gal/min			l/min		gal/		
Flowline Temp	perature *I	-		40.0=0		10.070	Mud Wt. :			YP=7		RCULATIO					ζ = 125.7
Depth (ft)				16,273'		16,273'	Bit	Depth = 5°				out = 2%				ency =	95%
Mud Weight (p	. 0,			9.9		9.9	Drill String Disp.	Volume	to Bit	9.7 bbl	Stro	okes To Bi	t		Time 7	Γο Bit	
Funnel Vis (se	ec/qt)		@ 115 °F	49		50	ызр.	Bottoms U	p Vol.	11.1 bb	I Botto	msUp Stks	5	Botto	msUp	Time	
600 rpm				29		30	2.8 bbl	TotalCir	c.Vol.	734.8 bb	ol Tot	alCirc.Stks	S	Tota	l Circ.	Time	
300 rpm				18		19		DRILLING	G AS	SEMBLY	DATA		S	OLID	S COI	NTROL	
200 rpm				14		15	Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	Unit		Scre	eens	Hours
100 rpm				9		10	Drill Pipe	5.000	4.4	401	514'		Shaker	1	17	70	
6 rpm				6		6	Agitator					514'	Shaker	2	17	70	
3 rpm				4		5	Drill Pipe					514'	Shaker	3	17	70	
Plastic Viscos	ity (cp)		@ 150 °F	11		11	Dir. BHA					514'	Centrifuç	ge 1			
Yield Point (lb.	/100 ft²)		T0 = 2	7		8		CASIN	IG &	HOLE DA	TA						
Gel Strength (lb/100 ft²)	10 s	sec / 10 min	6/9		6/9	Casing	OD (in.)	ID	(in.) D	Depth	Тор					
Gel Strength (lb/100 ft2))	30 min	15		14	Riser						VOLUM	IE AC	COU	NTING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.0		6.0	Surface	10 1/2		2	.,991'		Prev. T	otal c	n Loc	ation	2615.8
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375 10	0,273'		Transfe	rred I	n(+)/C	Out(-)	
Retort Solids (Content			13%		13%								Oil	Adde	ed (+)	
Corrected Sol	ids (vol%)			11.4%		11.4%								Barite	Adde	ed (+)	
Retort Oil Con	tent			69%		68%	Oper	n Hole Size	6.8	B85 16	6,273'		Other Pr	oduct	Usag	e (+)	
Retort Water (Content			18%		19%	AN	NULAR GE	ОМЕ	TRY & RI	HEOLO	GY	,	Nater	Adde	ed (+)	
O/W Ratio				79:21		78:22	annula	ar .		velocity	flow	ECD	Le	ft on (Cutting	gs (-)	
Whole Mud Cl	hlorides (r	ng/L)		40,000		42,000	sectio	i de	pth	ft/min	reg	lb/gal	c	entrif	uge lo	sses	
Water Phase	Salinity (p	pm)		258,415		257,405				<u> </u>			Non-Red	overa	ble Vo	ol. (-)	-9.7
Whole Mud Al	kalinity, P	om		1.8		2.0	6.875x	κ5 5′	14'		lam		Est. T	otal c	n Loc	ation	2606.1
Excess Lime (2.3 ppb		2.6 ppb							Est. Los	ses/G	ains (-)/(+)	0.0
Electrical Stab	oility (volts)		521 v		515 v										CS DA	TA
Average Spec			ls	3.21		3.18							Bit H.S.I.	Bit	ΔΡ	Nozzle	es (32nds)
Percent Low 0				5.8%		6%							#DIV/0!		 V/0!		
ppb Low Grav				48 ppb		49 ppb									zzle		
Percent Barite				5.6%		5.4%	-						Bit Impact Force		ocity sec)		
ppb Barite				80 ppb		77 ppb	BIT	DATA	Ma	nuf./Type	Ulter	ra/U611s	#DIV/0!		,		
Estimated Tot	al LCM in	System		111.4		11.4	Size	Depth In			1	ROP ft/hr		L WD	Calc	. Circ. I	Pressure
Sample Taker		,		A. Roman		M.Meehan		16,273 ft			٦٠					#DIV/	
Afternoon Rem		nmendatio	ons:]		Afternoon F	<u> </u>	<u> </u>				1				
Sweep C		Jiidall						g									
	agmafibe	r F															
	ewcarb M								OH.	Laid dov	vn BHA	. Rigged	up to run c	asing	j. Rur	nning 5	" casinç
10 ppb N							at re	port time.									
	rst Reson	20															
io ppb Fi	ısı reson	ಎ ೮															

110 Old Market St. St Martinville, LA 70582 OUTSOURCE FLUID SOLUTIONS LLC.

16,273' TVD

TEL: (337) 394-1078

Operator MAGN Well Name and No		OIL & G	AS	Contractor PA Rig Name a	ATTERS	ON	County / Parish WASI State	n / Block HINGTO	N	Engineer Star 04/2 Spud Date	rt Date 22/20	24 hr	ftg.		Drilled De	pth 6,273 ft
LEVI GO		H UNIT :	2 - 2H	Rig Name a	248			EXAS			26/20	Curre	II ROP		,	n Casing
Report for				Report for			Field / OSC-G			Fluid Type		Circul	ating Rate			g Pressure
Kevin	Burt/Jir	n Harris	son	To	ool Push	ner	GIE	DINGS		0	BM					
	MUD	PROPERT	Y SPECI	FICATION	NS		MUD VC	LUME (BE	BL)	PUN	MP #1		PUMP #2		RISE	R BOOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	811	bbl	Liner Size	5.2	25 Line	r Size 5.	25	Liner S	ize
9-17	8-35	4-18	>400	±250K	<10 <25	<10	In Hole	616	bbl	Stroke	12	2 St	oke 1	2	Strok	е
	MU	JD PROP	ERTIES				Active	1420	0 bbl	bbl/stk	0.07	763 bb	l/stk 0.0	763	bbl/st	k
Time Sample	Taken			3:00		11:00	Storage	e <u>708</u>	bbl	stk/min		stk	/min		stk/m	in
Sample Locat	ion			ACTIVE		ACTIVE	Tot. on Loc	cation 213	5 bbl	gal/min		ga	/min		gal/m	in
Flowline Temp	oerature °l	F					Mud Wt. =	10.0 PV	=12	YP=8	CIR	CULATIO	ON DATA		n = 0.6	678 K = 148.6
Depth (ft)				16,273'		16,273'	Bit C	epth = 16,	102 '		Washo	out =	ı	Pump	Efficier	ncy = 95%
Mud Weight (ppg)			10.0		9.8	Drill String	Volume	to Bit	318.4 bbl	Stro	okes To Bi	t		Time To	Bit
Funnel Vis (se	ec/qt)		@ 100 °F	52		45	Disp.	Bottoms U	p Vol.	290.3 bbl	Botto	msUp Stks	;	Botto	msUp Ti	me
600 rpm				32		29	120.9 bbl	TotalCir	c.Vol.	1419.8 bb	l Tot	alCirc.Stks	;	Tota	al Circ. Ti	me
300 rpm				20		18		DRILLING	3 ASS	SEMBLY D	DATA		s	OLID	S CONT	TROL
200 rpm				16		15	Tubulars	OD (in.)	ID ((in.) Le	ngth	Тор	Unit		Scree	ns Hours
100 rpm				10		10	Casing	5.500	4.6	670 9,	474'		Shaker	1	170	12.0
6 rpm				6		5	Casing	5.000	4.2	276 6,	628'	9,474'	Shaker	2	170	12.0
3 rpm				4		4						16,102'	Shaker	. 3	170	12.0
Plastic Viscos	sity (cp)		@ 150 °F	12		11						16,102'	Centrifug	ge 1		1.0
Yield Point (lb	/100 ft²)		T0 = 2	8		7		CASIN	IG & F	HOLE DAT	ГА		-			
Gel Strength	(lb/100 ft²)	10 se	ec / 10 min	6/10		6/9	Casing	OD (in.)	ID ((in.) De	epth	Тор	-			
Gel Strength	(lb/100 ft2))	30 min	16		14	Riser						VOLUN	1E AC	COUNT	ΓING (bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.0		6.0	Surface	10 1/2		2,	991'		Prev. T	otal c	n Locat	ion 2184.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.8	375 10	,273'		Transfe	erred I	n(+)/Ou	t(-)
Retort Solids	Content			14%		13%								Oil	l Added	(+)
Corrected Sol	ids (vol%)			12.4%		11.4%								Barite	Added	(+)
Retort Oil Cor	ntent			67%		68%	Open	Hole Size	6.7	750 16	,273'		Other Pr	oduct	Usage	(+)
Retort Water	Content			19%		19%	ANI	NULAR GE	OME	TRY & RH	IEOLO	GY	\	Water	Added	(+)
O/W Ratio				78:22		78:22	annula			volocity	flow	ECD	Le	ft on (Cuttings	(-)
Whole Mud C	hlorides (r	mg/L)		41,000		41,000	annula section	ı ae	pth	velocity ft/min	reg	lb/gal	C	entrif	uge loss	ses
Water Phase	Salinity (p	pm)		252,826		252,826					1 1		1	Lost	Returns	(-) -49.5
Whole Mud A				1.8		1.7	6.875x5	5.5 9,4	74'		lam	10.00	Est. T	otal c	n Locat	ion 2135.3
Excess Lime				2.3 ppb		2.2 ppb	6.875x	5 10,2	273'		lam	10.00	Est. Loss	ses/G	ains (-)/	······································
Electrical Stat		;)		498 v		490 v	6.75x5	5 16, ⁻	102'		lam	10.00				S DATA
Average Spec				3.09		3.08		,					Bit H.S.I.	Bit	ΔΡ Ν	lozzles (32nds
Percent Low (-		7.1%		6.7%							#DIV/0!		V/0!	
ppb Low Grav				58 ppb		55 ppb									zzle	
Percent Barite				5.3%		4.7%							Bit Impact Force		ocity – sec)	
ppb Barite	-			75 ppb		68 ppb	BIT D	DATA	Mar	nuf./Type			#DIV/0!	(103	_	
Estimated Tot	al I CM in	System				00	Size	Depth In	Но		otage	ROP ft/hr		L WD	Calc. 0	Circ. Pressure
Sample Taker		-,		A. Roman	1	M.Meehan	6 3/4	-1			3-			-		#DIV/0!
Afternoon Rem		mmendatio	ns:	<u> </u>	I		Afternoon R	ia Activity	<u> </u>	ļ	ļ		Į		<u> </u>	
Sweep C		ondatio					onioon N									
·	lagmafibe	r F					•	lm 4-		in a 4- 40-	70 4	Olumetel	! '''		- lal -/	unalle - 6 °
	lewcarb M						form	ation (app	rox. 4	10% returr	ns). Co	ontinue to	casing with run casing	g to b	ottom. I	Mixed 250
		ı					bbl o									the mud wt.
10 ppb N							10 3.0	~ PP9·								
10 ppb F	irst Reson	ise														

Report #37 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

16,102' TVD

	NOLIA (OIL & (GAS		TTERS	ON		Block	N		t Date 22/20	24 hr	0 ft			16,1	02 ft
Well Name and No. LEVI GO	ODRIC	H UNIT	Г2-2Н	Rig Name an	d No. 248		State TF	EXAS		Spud Date 04/	26/20	Curre	nt ROP O ft/h	r	Activity		ECURE
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate			ting Pre	
Kevin	Burt/Ji	m Harı	rison	То	ol Pusi	ner	GID	DINGS		0	ВМ		0 gpr	n		р	si
	MUD	PROPE	RTY SPECIF	CATION	s		MUD VO	LUME (B	BL)	PU	MP #1		PUMP :	#2	RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	() bbl	Liner Size	5.2	5 Line	r Size	5.25	Liner	Size	
9-17	8-35	4-18	>400	±250K	<10 <25	<10	In Hole	. () bbl	Stroke	12	Sti	oke	12	Stro	oke	
				6/7/20		6/6/20	Active	() bbl	bbl/stk	0.07	63 bb	l/stk (0.0763	bbl	/stk	0.0000
Time Sample	Taken			3:00		11:00	Storage	e <u>(</u>	<u>dbl</u>	stk/min	0	stk	/min	0	stk/	min	
Sample Locati	on			ACTIVE		ACTIVE	Tot. on Lo	cation) bbl	gal/min	0	ga	l/min	0	gal/	min	0
Flowline Temp	erature °F	F						PHHP =	0	(CIRCULA	ATION DA	ATA		n = 0).737	K = 92.647
Depth (ft)				16,102'		16,273'	E	Bit Depth	= '		Washo	ut = 0%		Pum	p Effici	ency =	95%
Mud Weight (p	ppg)			9.8		9.8	Drill String	Volum	ne to Bit	0.0 bbl	Stro	kes To Bi	t		Time '	To Bit	
Funnel Vis (se	c/qt)		@ 100 °F	44		45	Disp.	Bottoms	Up Vol.	0.0 bbl	Bottor	nsUp Stks	;	Bott	omsUp	Time	
600 rpm				30		29	0.0 bbl	Total	Circ.Vol.	0.0 bbl	Tota	alCirc.Stks	i	To	tal Circ.	Time	
300 rpm				18		18		DRILLII	NG ASS	SEMBLY D	ATA			SOLI	os co	NTRO	L
200 rpm				14		15	Tubulars	OD (in.) ID	(in.) L	ength	Тор	Uı	nit	Scre	ens	Hours
100 rpm				9		10					0'	0'	Shal	ker 1	17	70	6.0
6 rpm				5		5						0'	Shal	ker 2	17	70	6.0
3 rpm				3		4						0'	Shal	ker 3	17	70	6.0
Plastic Viscosi	ity (cp)		@ 150 °F	12		11						0'	Centri	fuge 1			0.0
Yield Point (lb/	/100 ft²)		T0 = 1	6		7		CAS	ING & I	HOLE DAT	'A						
Gel Strength (lb/100 ft²)	10	sec/10 min	5/9		6/9	Casing	OD (in.) ID	(in.)	Depth	Тор					
Gel Strength (lb/100 ft ²)		30 min	12		14	Riser	0			0'		VOL	UME A	CCOU	NTING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	8.0		6.0	Surface	10 1/2		2	2,991'	0'	Prev	. Total	on Loc	ation	2184.8
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8		10	0,273'	0'	Tran	sferred	In(+)/C	Out(-)	-1970.0
Retort Solids (Content			12%		13%	Prod.	5 1/2		g	,474'	0'		0	il Adde	ed (+)	175.3
Corrected Soli	ds (vol%)			10.3%		11.4%	Prod.	5		10	6,102'	6,628'		Barit	e Adde	ed (+)	0.0
Retort Oil Con	tent			69%		68%	Oper	n Hole Siz	e 0.	.000 10	6,102'		Other	Produc	ct Usag	je (+)	0.0
Retort Water (Content			19%		19%	ANI	NULAR G	EOME	TRY & RH	EOLOG	Y	_	Wate	er Adde	ed (+)	
O/W Ratio				78:22		78:22	annulai	r n	neas.	velocity	flow	ECD	=	Left on	Cutting	gs (-)	0.0
Whole Mud Ch	nlorides (n	ng/L)		42,000		41,000	section		lepth	ft/min	reg	lb/gal		Left	behind	Csg.	-32.0
Water Phase S	Salinity (p	pm)		257,405		252,826				ı			Non-R	Recover	able V	ol. (-)	-358.0
Whole Mud Al	kalinity, P	om		1.7		1.7							Est	t. Total	on Loc	ation	0.0
Excess Lime (lb/bbl)			2.2 ppb		2.2 ppb							Est. L	osses/0	Gains (-)/(+)	0.0
Electrical Stab	ility (volts))		500 v		490 v							В	IT HYD	RAUL	ICS D	ATA
Average Spec	ific Gravity	y of Solid	ls	3.30		3.08							Bit H.S	.l. B	it ∆P	Nozzl	es (32nds)
Percent Low G	Gravity Sol	lids		4.7%		6.7%											
ppb Low Grav	ity Solids			39 ppb		55 ppb							Bit Impa	nct I	ozzle		
Percent Barite				5.6%		4.7%							Force	, l ve	locity /sec)		
ppb Barite				80 ppb		68 ppb	BIT D	ATA	Ma	anuf./Type							
Estimated Total	al LCM in	System	ppb				Size	Depth I	n Ho	ours Fo	ootage	ROP ft/hr	Motor	/MWD	Calc	. Circ.	Pressure
Sample Taker	Ву			A. Roman	0	M.Meehan											
Remarks/Reco	mmondati	000:		<u>I</u>			Ria Activity:	I		<u> </u>	1		1		1		

OBM RECEIVED: (8,400) bbls

OBM ON SURFACE TANKS--1,970 bbls (storage + Active)

TOTAL OBM ON LOCATION: 1,970 BBLS

OBM Kill mud on Hand----372bbls //15# // \$65.00/bbl

Discounted OBM on hand -(367bbl--12#)(377 bbl--9.8#) //

\$15.00/bbl

Rig Activity:

Completed Casing run down to 16,102'. Break circulation sustaining losses down hole. Circulated BU and move over to Cement operations. Pump Spacer + Cement (50bbls Spacer 12# / 5bpm---209bbls Cement 13.5# / 7bpm). Displace Cement with 318bbl of fresh water, bump plug 1000psi over, hold pressure for 5min and ck floats. Shut well in and rig down cement tools. Bleed off pressure and monitor well in the cellar. Pull landing joint and set pack off to secure well. Nipple down and make preparations to skid rig to next well. 358bbls lost to casing run, Circulation and while pumping Cement, 32bbls left behind Casing. Transfer out all treatment chemicals and OBM inventory to the 3H. Last report for Levi Goodrich Unit 2 - 2H. Thank you.

												INCLUDI	NG 3RD PAR	TY CHARGES	\$10.643.55	\$703.190.55
W I	1	Y 1	1	1	g 1	G 1	Н 1	1	carefully	and may be		elects, however,	, no representation	on is made as to the	\$1,910.00	\$336,129.63
10/	_	.,	_	_		_		_	Any opin	ion and or r	ecommendation, exp	oressed orally or	written herein, h	nas been prepared	\$1.910.00	\$558.129.83
Phor	ne:	98	35-35	1-756	31	Ph	one:	956-8	21-9994	Phone:	432-685-4023	Phone:	-			
Eng.	1:	N	1att M	leeha	n	Er	ng. 2:	Adolfo	o Roman	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost

MATERIAL CONSUMPTION

06/07/20	Operator MAGI	NOLIA OIL	& GAS	Well Name a	DDRICH UN	NIT 2 - 2H	Rig Name an		ort #37
	DAILY	USAGE 8	& COST					CUMU	LATIVE
			Previous		Closing	Daily		Cum	Τ
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Co
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SAPP (50)	50# sk	\$44.50						31	
PHPA LIQUID (pail)	5 gal	\$41.36						2	\$82.7
DYNA DET	pail	\$32.23						4	
DYNAFIBER C	25# sk	\$53.67						88	
DYNAFIBER MED	25# sk	\$53.67	85	-85				35	
FIBER PLUG	40# sk	\$30.37	30	-30				10	<u> </u>
CACL2 (50)	50# sk	\$16.60	110	-110				463	<u> </u>
LIME (50)	50# sk	\$5.00	110	-110				440	<u> </u>
BENTONE 910 (50)	50# sk	\$59.94	30	-30					\$2,397.6
BENTONE 990 (50)	50# sk	\$83.59	35	-35					\$3,761.5
OPTI G	50# sk	\$30.59		-80				160	
OPTI MUL HP	gal	\$10.75	275	-275				650	
OPTI WET	gal	\$8.34	330	-330				485	+ ' '
NEW PHALT	50# sk	\$38.72	40	-40				120	
NEWCARB 200	50# sk	\$5.25	36	-36				134	<u> </u>
MAGMAFIBER F (25)	25# sk	\$28.05	20	-20				174	<u> </u>
OIL SORB (25)	25# sk	\$4.75	30	-30				10	<u> </u>
PHPA LIQUID (pail)	5 gal	\$41.36		-88				9	\$372.2
GEL (100)	100# sk	**	70	-70					
BENTONE 38 (50)	50# sk	\$163.94	20	-20					\$3,278.8
CYBERSEAL	25# sk	\$21.47	180	-180					\$1,459.9
Evo-Lube	gal	\$9.31	975	-975				125	
CAL CARB COARSE (50)	50# sk	\$5.37	50	-50				70	\$375.9
MAGMAFIBER R (30)	30# sk	\$28.05	80	-80					
									1
								<u> </u>	1
NEW-WATE (SACK BARITE)	100# sk	\$11.50		-160					1.
BARITE BULK (100)	100# sk	\$7.00	1300	-1300				4266	\$29,862.0
									1
									1
								<u> </u>	1
								<u> </u>	1
OPTI DRILL (OBM)	bbl	\$65.00	890	-890				5526	\$359,190.
								<u> </u>	1
Magnolia Owned OBM	bbl		381	-166		215		1251	1
								<u> </u>	
Discounted High LGS OBM	bbl	\$15.00	914	-914				1716	\$25,740.
									1
									1
								<u> </u>	1
									1
									1
									1
									1
									1
									1
ENGINEERING (24 HR)	each	\$925.00				2			\$64,750.
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		\$2,100.
ENGINEERING (MILES)	each	\$1.00						1049	\$1,049.0
ENGINEERING (MILES)									
ENGINEERING (WILES)	1								
ENGINEERING (MILES)				1			Ī		
ENGINEERING (WILES)					1			·	
TRUCKING (cwt)	each	\$2.50						6000	\$15,000.0
TRUCKING (cwt) TRUCKING (min)	each each	\$795.00						6000	\$1,590.0
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)								62	\$1,590.0 \$744.0
TRUCKING (cwt) TRUCKING (min)	each	\$795.00						2	\$1,590.0 \$744.0

THIRD PARTY COST SHEET

Date	Operator			Well Name a	ınd No.		Rig Name an	d No. R	eport No.	
06/07/20	MAGI	NOLIA OIL	& GAS	LEVI GO	ODRICH U	NIT 2 - 2H	24	48	Repo	rt #37
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 4/25/20	gal	\$0.91								
Diesel 5/6/20	gal	\$0.90							5040	\$4,536.00
Diesel 5/8/20	gal	\$0.93							7302	\$6,790.86
Diesel 5/9/20	gal	\$0.96							7006	\$6,725.76
Diesel 5/10/20	gal	\$0.97							7300	\$7,081.00
Diesel 5/14/20	gal	\$0.98							7400	\$7,252.00
Diesel 5/15/20	gal	\$0.97							6750	\$6,547.50
Diesel 5/16/20	gal	\$1.03							7100	\$7,313.00
Diesel 5/17/20	gal	\$1.03							7634	\$7,863.02
Diesel 5/17/20 Load #2	gal	\$1.03							7402	\$7,624.06
Diesel 5/19/ 20	gal	\$1.06							6221	\$6,594.26
Diesel 5/19/20	gal	\$1.06							7301	\$7,739.06
TurboChem First Response	each	\$41.75	180	-180					320	\$13,360.00
TurboChem Pallets	each	\$20.00	4	-4					6	\$120.00
TurboChem Shrink Wrap	each	\$20.00	4	-4					6	\$120.00
Diesel 5/22/20	gal	\$1.11							5545	\$6,154.95
DIESEL 5/25/20	gal	\$1.12							7404	\$8,292.48
DIESEL 05/26/20	gal	\$1.12							7201	\$8,065.12
DIESEL 05/26/20	gal	\$1.13							7202	\$8,138.26
DIESEL 06/02/20	gal	\$1.13							7202	\$8,138.26
DIESEL 06/03/20	gal	\$1.13	434			434	\$490.42		7400	\$8,362.00
DIESEL 06/04/20	gal	\$1.19	7398	-471		6927	\$8,243.13		6927	\$8,243.13
DIESEL 6/6/20	gal	\$1.16		-7401	-7401					
					Daily S	ub-Total \$8	3,733.55		\$145	060.72
					, 0		, : ::	L	Ţ . ,	–
						1				
	Cum	ulative Tota	I AES & 3rd	Party \$703	,190.55					
1										

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEV

LEVI GOODRICH UNIT 2 - 2H

		WEEK 1							WEEK 2								WEEK 3							
	Date							5/15/20							5/22/20	5/23/20	5/24/20	5/25/20	5/26/20	5/27/20	5/28/20	5/29/20		
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri		
	Bit Size	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4		
Grand	Starting Depth	3,000	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100		
Totals	Ending Depth	4,915	10,102	10,284	10,284	10,284	10,380	11,970	11,970	14,305	15,905	16,662	16,940	16,027	16,029	16,029	16,029	16,029	16,029	11,100	11,100	11,100		
	Footage Drilled	1,915	5,187	182	-	-	96	1,590	-	2,335	1,600	757	278	-	2	-	_	_			_	_		
,	New Hole Vol.	181	491	17	_		4	70	_	103	71	34	12	_	0	_	_	_	_	_	-			
1,200	Starting System Volume	2,395	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894		
143	Chemical Additions	11	17	_,	_,	6	4	8	1	25	11	-	-,	2	_,=====================================	-	_,::::	-,	5	4	_,=:=	2		
	Base Fluid Added	129	304	34	47	5	26	185	118	308	183	46	215	3	82	18	18	80	171	146	15	26		
,	Barite Increase		28	10			7	26	26	2	29	-	8	-		-	20	28	14	22	14	7		
6,236	Weighted Mud Added				421	291				208	-	744	-	526	-	916	782	1,537	811	-	-	-		
-	Slurry Added										-	-	-	-	-	-	-	-	-	-	-	-		
26,156	Water Added	16	56							107	384	10,371	1,590	11,756	500	279	200	91	564	-	-	-		
191	Added for Washout	48	48	39							-	-	-	-	-		-	-	-	-		56		
35,879	Total Additions	204	453	83	468	302	37	219	145	650	607	11,161	1,813	12,287	582	1,213	1,020	1,736	1,565	172	29	91		
480	Surface Losses	7	23	74	10		16	40	30	30	-		-	-	-	-	-	-	-	217	-	-		
32,048	Formation Loss			18				105	500	705	326	10,047	1,978	11,875	1,102	365	1,452	850	1,132	270	77	-		
1,068	Mud Loss to Cuttings	132	383	19			4	76		108	75		-	-		-	-	-	-	-		-		
520	Unrecoverable Volume			42	42				20				-	-	-	-	-	-	-	-	33	73		
174	Centrifuge Losses	12	18	5						15	-		-	-	-	-	-	-	-	-	-	-		
34,290	Total Losses	151	425	158	52	-	20	221	550	857	401	10,047	1,978	11,875	1,102	365	1,452	850	1,132	487	110	73		
3,984	Mud Transferred Out			382							1,632													
0	Ending System Volume	2,448	2,477	2,020	2,436	2,738	2,755	2,753	2,348	2,141	715	1,829	1,664	2,075	1,555	2,403	1,971	2,857	3,290	2,975	2,894	2,912		
130	Mud Recovered		130																					
											_			l										
		Comments:										omment				Comments:								
		Trans in 2101bbls skid vol. Casing had 293bbls F surface 5/9/20 displacement. Mud lost to Cuttings 132.1bbls, Evap 6.6, Cent 12bbls											and trip sure and Trippin		5/23/20 Pump Kill mud on back side, Pick up fishing tools and TIH. Tag fish and hook on to it. Start POOH.									
4,647		Mud lost to Cuttings 383.4-bbls, Evap 23.2-bbls and Cent. 18- 5/10/20 bbls. Mud recovered from, shaker tank runoff due to sweeps and ROC's 129.7-bbls							5/17/20	Mud Lost to Formation 705-bbls. Mud lost to Cuttings 108-bbls, Evap 19.56, Pits 10-bbls and Cent. 14.54bbls Mud Lost to Formation 705-bbls. Mud lost to Cuttings 108-bbls, tools through 18* dog legs. Receive 782bbls OBM										k fishing				
	_	5/11/20	Returned 382-bbls to Newpark. Mud Lost Cuttings 19-bbls, 5/11/20 Cent 5-bbls, Evap 12.5, TOOH/TIH 35-bbls, Shaker Run off 42.2 bbls and Trucking 26-bbls							5/18/20 Drilling under Mud Cap. Fresh water pumped down hole to continue drilling.							POOH to reset fishing tools and TIH for fish (3rd attempt). Continue to Pump Down DP and back side to kill well. Received 1537bbls OBM.							
		5/12/20 Rec. 421-bbls 16.0 (KILL) lost 10-bbls to Trucking In Mud lost to spacer contamination 42-bbls							5/19/20 Drilling under Mud Cap. Fresh water pumped down hole to continue drilling.							5/26/20	Jaring on stuck pipe. Mix Isolation sweep for intentionaly plug DP in the hole.							
	5/13/20 Lost 10.2-bbls to Pit Settlement							5/20/20	Side Track time drilling 16027. Continue pumping fresh water down hole with 13# mud cap on back side. 5/27/20 Un latch from fish, Circulate while incr Well continue to take mud. LCM mix i POOH to shoe, pump balance plug to									1 mix in acti	mix in active system.Kill well					
	5/14/20 Mud Lost to Cutting 3.5-bbls, Evap 6-bbls and Pit Settlement 1 bbls						lement 10-	5/21/20	21/20 Side Track time drilling 16027. Continue pumping fresh water down hole with 13# mud cap on back side. POOH lay down Fishing tools. Pick up 2 7/8" stinger set up of cement plug. Stage in the hole, circulating severy time.															
		5/15/20	Mud Lost to Cuttings 76-bbls, Evap 21-bbls, Pits 10-bbls Cent. 9-bbls. Patrial Losses to formation 105-bbls							Work stuck pipe free, Dry ream up to 15780, resume pump fresh water. Kill well and POOH.							5/29/20 Pump Cement plug. POOH 20stans and circulate Sur-surf. POOH lay down DP. Cut MW in the active system 9.8ppg.							

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: LEVI

LEVI GOODRICH UNIT 2 - 2H

		WEEK 4							WEEK 5								WEEK 6							
	Date	5/30/20	5/31/20	6/1/20	6/2/20	6/3/20	6/4/20	6/5/20	6/6/20	6/7/20	6/8/20	6/9/20	6/10/20	6/11/20	6/12/20	6/13/20	6/14/20	6/15/20	6/16/20	6/17/20	6/18/20	6/19/20		
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri		
	Bit Size	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4														
Grand	Starting Depth	11,100	11,100	10,170	10,424	11,026	13,515	15,850	16,273	16,273	16,102													
Totals	Ending Depth	11,100	10,170	10,424	11,026	13,515	15,850	16,273	16,273	16,102														
20,045	Footage Drilled	-	-	254	602	2,489	2,335	423	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1,255	New Hole Vol.	-	-	11	27	110	103	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Starting System Volume	2,912	2,915	2,838	2,863	2,889	2,525	2,653	2,616	2,185	0	0	0	0	0	0	0	0	0	0	0	0		
143	Chemical Additions	-	3	12	8	13	7	3	-	-														
	Base Fluid Added	18	16	25	58	88	187	107	24	175														
	Barite Increase	7	31	-	-	-	-	17	-	-														
	Weighted Mud Added		_	-	-		-	_	_	_														
	Slurry Added	-	-	-	-	-	-	-	-	-														
	Water Added	_	_	24	48	70	100	_	_	-														
	Added for Washout	_	_		-	-	-	_	_															
		25	50	61	114	171	295	127	24	175						-						-		
	Total Additions								24		-	-	-	-	-	-	-	-	-		-	-		
	Surface Losses	-	-	33	-	-	-	-	-	-														
	Formation Loss	-	-	-	-	361	35	37	455	358														
,	Mud Loss to Cuttings	-	-	2	28	114	108	20	-	-														
	Unrecoverable Volume	-	128	-	62	-	-	89	-	32														
174	Centrifuge Losses	22		-	-	60	24	18	-	-														
34,290	Total Losses	22	128	35	89	535	167	164	455	390	-	-	-	-	-	-	-	-	-	-	-	-		
3,984	Mud Transferred Out									1,970														
0	Ending System Volume	2,915	2,838	2,863	2,889	2,525	2,653	2,616	2,185	0	0	0	0	0	0	0	0	0	0	0	0	0		
130	Mud Recovered																							
			Comments:						Comments:								Comments:							
		5/30/20 Finish lay down DP, Change out Drill line spool and Test BOP's. stage new DP on pipe racks for pick up .								6/6/20 POOH lay down BHA, Running Casing, partial returns. 11665 lost returns. Circulate well with partial returns.								6/13/20						
4,647		TIH with new DP. Circulate top of the cement plug, Gas up 4000units. Condition MW to 11.1ppg. 127bbls lost below cement plug.							Production Casing in the hole. Circulate and Cemented while 6/7/20 sustaining losses down hole. Bump Cement plug and secure well. Transfer Inventory to 3H. Last Report for well. 6/14/20															
		6/1/20 POOH to change out BHA. TIH resume drilling on side track. Maintain MW 11.1ppg.							6/8/20								6/15/20							
		6/2/20 Drilling ahead on curve section. MW drop to 10.5 with diesel and Centrifuge.							6/9/20	i/9/20								6/16/20						
		Curve landed. Drilling lateral. @12500' well taking mud. 6/3/20 Continue pumping 400gpm, Casing pressure on connections 450-550psi.						6/10/20	3/10/20								6/17/20							
		LCM.Casing prss. 400psi / Pump 380gpm / 180rop on rotation. Drilled to 16273'. Into Eagle Ford formation. DP stuck/Packed							6/11/20						6/18/20									
									6/12/20	6/12/20							6/19/20							

OUTSOURCE FLUID SOLUTIONS LLC.