110 Old Market St.

Report #1

TEL: (337) 394-1078

St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

0.0° 3,200' TVD

Operator  MAGNOLIA OIL & G	AS		TERS	ON		Block HINGTON	١	Engineer Start I			3,200 1	t		3,200	) ft	
Well Name and No.  ROMMEL UNIT 31	1	Rig Name an	d No. <b>248</b>		State <b>TE</b>	EXAS		Spud Date <b>07/1</b>	4/21	Current	ROP 320 ft/h	ır	Activity <b>Sk</b>	id/Dr	rillir	ng
Report for		Report for	al Dua	l	Field / OCS-G #	NOC (AC		Fluid Type	284		ing Rate			ing Press		
Kevin Burt/Kevin Co	-		ol Pus	ner		NGS (AC	•	WE		,	900 gp			2,577		
MUD PROPER  Weight PV YP		l 1		% Solids		LUME (BB	•	PUM		Linaa	PUMP #			ER BO	051	EK
	GELS <5 <10	pH	API fl <25		In Pits		bbl	Liner Size	5.75 12	Liner		5.75 12	Liner			
8.4-9.6 0-10 0-10	<5 <10	8.4-9	<23	2-10	In Hole		bbl	Stroke		Stro			Stro		0.00	000
Time Comple Taken		7/15/21			Active	107	Idd c	bbl/stk	0.0915			.0915	bbl/		0.00	J00
Time Sample Taken		0:05			Storage			stk/min	119	stk/		115	stk/i			2
Sample Location		pit				cation 107		gal/min	457	gal/		442	gal/i		0	
Flowline Temperature °F		120 °F				PHHP = 135			RCULAT		TA			.485 K		
Depth (ft)		3,200'			Bit I	Depth = 3,2			Washout			·		ency =		
Mud Weight (ppg)		9.1			Drill String Disp.	Volume				s To Bit	621		Time 7		3 m	
Funnel Vis (sec/qt)	@ 90 °F	36				,		503.7 bbl	Bottoms	Up Stks	5,503	Botto	msUp	Time	24 r	
600 rpm		7			20.9 bbl	Riser Ann	n. Vol.	-2.6 bbl	Riser	Strokes	-29	Rise	r Circ.	Time	0 m	nin
300 rpm		5				DRILLING	S ASS	SEMBLY DA	TA			SOLID	S COI	NTROL	-	
200 rpm		3			Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Un	it	Scre	ens	Ηοι	urs
100 rpm		2			Drill Pipe	5.000	4.:	276 3,2	200'	0'	Shak	er 1	14	10		ļ
6 rpm		1			Hevi Wt	5.500	3.	000	3	3,200'	Shak	er 2	14	10		ļ
3 rpm		1			Dir. BHA	8.000	2.	875	3	3,200'	Shak	er 3	14	10		
Plastic Viscosity (cp)	p) @ 120 °F 2		3	3,200'	Desai	nder				ļ						
Yield Point (lb/100 ft²)	T0 = 1	3				CASIN	G & F	HOLE DATA			Desi	lter				ļ
Gel Strength (lb/100 ft²) 10	(cp) @ 120 °F 2  100 ft²) T0 = 1 3  CASING & HOLE DATA  100 ft²) 10 sec/10 min 1/2  Casing OD (in.) ID (in.) Depth  Riser 20 108'		Тор	Centrif	uge 1											
Gel Strength (lb/100 ft <sup>2</sup> )	cp)     @ 120 °F     2       of ft2)     T0 = 1     3       CASING & HOLE DATA       00 ft2)     10 sec/10 min     1/2     Casing OD (in.)     ID (in.)     Depth       00 ft2)     30 min     4     Riser 20     108'			VOLU	ME AC	COU	NTING	(bbl	ls)							
API Filtrate / Cake Thickness		22/3			Surface					108'	Prev.	Total o	n Loc	ation		0.0
HTHP Filtrate / Cake Thickness	@ 0 °F				Int. Csg.					108'	Trans	ferred l	ln(+)/C	Out(-)	13	374.8
Retort Solids Content		5.7%			Washout 1							Oi	l Adde	d (+)		0.0
Retort Oil Content					Washout 2							Barite	Adde	d (+)		0.0
Retort Water Content		94.3%			Oper	Hole Size	13	.913 3,2	200'		Other I	Product	Usag	e (+)		0.6
Sand Content		0.4%			ANI	NULAR GE	OME	TRY & RHE	OLOGY			Water	Adde	d (+)		
M.B.T. (Methylene Blue Capacity)	(ppb)	3.0			annular	r me	as.	velocity	flow	ECD	L	eft on	Cutting	gs (-)	-3	300.8
рН		7.5			section	de	pth	ft/min	reg	b/gal	Sar	nd Trap	Disch	arge		
Alkalinity, Mud Pm		0.1			0x5	10	08'	-882.0		9.55						
Alkalinities, Filtrate Pf/Mf					13.913x	5 3,2	200'	130.8	lam	9.77	Est.	Total o	n Loc	ation	10	074.6
Chlorides (mg/L)		400									Est. Lo	sses/G	ains (	-)/(+)		0.0
Calcium (ppm)		100									BI	T HYDI	RAULI	CS DA	ΤA	
Excess Lime (lb/bbl)											Bit H.S.I	. Bit	ΔΡ	Nozzle	s (32	2nds)
Average Specific Gravity of Solids	1	2.60	2.60	2.60							1.86	489	psi	16	16	16
Percent Low Gravity Solids		5.6%								i	Bit Impad	<b>∼</b> † I	zzle	16	16	16
Percent Drill Solids		5.6%									Force	vei	ocity sec)			
PPA Spurt / Total (ml) @	@ 0 °F				BIT D	ATA	Ма	anuf./Type			1039 lbs	2	45			
Estimated Total LCM in System	ppb				Size	Depth In	Но	ours Foo	tage R0	OP ft/hr	Motor/I	MWD	Calc	. Circ. I	Pres	sure
Sample Taken By		E. Sanchez			13 1/4	0 ft	10	0.0 3,2	00 ft :	320.0				883	psi	
Remarks/Recommendations:		1		1	Rig Activity:	1	1	1					1			

OBM RECEIVED: 2,065 bbls / OBM RETURNED:

OBM ON SURFACE--- bbls (Storage + Active)

OBM LOSS/GAIN--(Daily-- 0 )----Total ( 0 )

Skid over from ROMMEL Unit 4-H. M/U bit, and install MWD tool, controll drill to 1,040'. Resume drilling ahead from 1,040' to 3,200'. Average ROP: 320 ft/hr, SPP: 2577 psi, GPM: 900 gpm, TORQ: 3-8. Centrifuge/Desander/Desilter ran while drilling. Rolling WBM in frac tank to prevent sand settling out. Transfer water in/out as needed to maintain MWT. SAPP and Soap sweeps were pumped every 300' or as needed. At 3,000' SAPP was discontinued to allow for system viscosity increase. Plan ahead is to finish drilling surface to estimated 3,523'.

Е	ng. 1:	-	Patric	k Blai	ir	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	9:	36-46	5-09	52	Ph	none:	903-7	47-5377	Phone:	432-686-	7361	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 0	A 1	S 1	C 0	carefully	and may be	used if the	user so e		no representati	nas been prepared on is made as to the	\$4,563.23	\$4,563.23
													INCLUDI	NG 3RD PAR	TY CHARGES	\$4,563.23	\$4,563.23

Date 07/15/21		NOLIA OIL USAGE 8		Well Name a	MMEL UNIT		Rig Name and No. 248		ort #1 LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cos
SAPP (50)	50# sk	\$44.56	inventory	254	246	Usaye 8	\$356.48	Usage 8	\$356.4
PHPA LIQUID (pail)	5 gal	\$41.36		30	30	- 0	φ330.46		φ330.4
EVO-LUBE	gal	\$14.00		30	30				
NEW GEL (PREMIUM)	100# sk	\$19.75							
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SOAP STICKS (ea)	each	\$7.00		242	207	35	\$245.00	35	\$245.0
SAPP STICKS (ea)	each	\$11.25		242	207	35	\$393.75	35	<u> </u>
SAFF STICK (ea)	eacii	\$11.25		242	201	33	φ393.73	33	φυθυ.1
24.01.0 (50)	50"	04400		050	050				
CACL2 (50)	50# sk	\$14.32		252	252				
LIME (50)	50# sk	\$5.00		325	325				
OPTI - G	50# sk	\$30.59		120	120				
BENTONE 38 (50)	50# sk	\$163.94		63	63				
BENTONE 910 (50)	50# sk	\$59.40		40	40				
BENTONE 990 (50)	50# sk	\$83.59		63	63				
OPTI - MUL	gal	\$10.75		610	610				
OPTI - WET	gal	\$8.34		605	605				
NEW PHALT	50# sk	\$38.72		145	145				
OIL SORB (25)	25# sk	\$4.75		130	130				
	<u> </u>								
								<del>                                     </del>	
NEW CARR (M)	E0# al-	<b>65.05</b>		222	220		<del>                                     </del>		
NEW CARB (M)	50# sk	\$5.25		330	330			<u> </u>	1
CYBERSEAL	25# sk	\$21.47							
MAGMAFIBER F (25)	25# sk	\$28.05		204	204				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04		25	25				
MICA F (50)	50# sk	\$10.28		40	40				
GRAPHITE POWDER F (50)	50# sk	\$24.14		64	64				
NEW WATE (SACK BARITE)	100# sk	\$11.50		80	80				
BARITE BULK (100)	100# sk	\$7.00		1604	1604			<u> </u>	
BARTE BOER (100)	100# SK	φ1.00		1004	1004				
OPTI DRILL (OBM)	bbl	\$65.00		2065	2065				
, ,									
DISCOUNTED OBM	bbl	\$15.00							
	551	Ţ10.00							
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	+						<del>                                     </del>	<del>                                     </del>	1
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								<u> </u>	<del>                                     </del>
								<u> </u>	
		4 -					<b>A</b>	<u> </u>	
ENGINEERING (24 HR)	each	\$925.00				2		2	
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	2	· ·
ENGINEERING (MILES)	each	\$1.00				450	\$450.00	450	\$450.0
									<u> </u>
FORKLIFT WITH OPERATOR	each	\$125.00				1	\$125.00	1	\$125.0
TRUCKING (cwt)	each	\$2.65							
TRUCKING (min)	each	\$795.00				1	\$795.00	1	\$795.0
PALLETS (ea)	each	\$12.00				12	\$144.00	12	
SHRINK WRAP (ea)						12		12	1
	each	\$12.00	Ì	1	1	12	\$144.00	12	φ144.(
SHRINK WITAL (ea)				•					

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
07/15/21	MAGN	NOLIA OIL	& GAS	ROM	MEL UNI	Г ЗН	24	48	Repo	ort #1
51, 15, 2,	<u> </u>									
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
							<u> </u>			
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
						Usage			Usage	
Diesel Transfer F/Rommel 4H	gal	\$2.39		14400	14400					
		<u></u>	<u> </u>							
				•				•		
	Cum	ulative Tota	al AES & 3rd	d Party \$4,5	63.23					

Report #2

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

0.0°

0' TVD

TEL: (337) 394-1078

	NOLIA (	OIL & G	SAS		TERSO	ON	County / Parish /	Block	N	_	tart Date 7/1 <i>4/2</i>	21		ft			epth 3,523	ft	
Well Name and No.	MMEL	UNIT 3I	н	Rig Name an	d No. <b>248</b>			EXAS		_	7/14/2	21	_	t/hr			ransf		
Report for	D. mt/l/a	win Co		Report for	ol Pusl		Field / OCS-G #	NCS (A)	٠,	Fluid Type	M/DM		irculating Ra			Circulati	ng Pressu	ıre	
Keviii		evin Co	TY SPECIF			ier		NGS (AC	-		WBM UMP#			gpm IP #2	<u> </u>	PISE	R BOO	) STI	FP
Weight	PV	YP	GELS	pH	API fl	% Solids	In Pits	LUIVIE (BE	) -	Liner Si			iner Size	5.7	75	Liner		J311	
8.4-9.6	0-10	0-10	<5 <10	7-9	<25	2-10	In Hole	320	9 bbl	Stroke		12	Stroke	12		Strol			
0.4 0.0	0 10	0.10	30 310	7/15/21		7/15/21	Active		bbl	bbl/stl		0.0915	bbl/stk	0.09		bbl/s		0.00	00
Time Sample	Taken			0:05		15:00	Storage		551	stk/mii		119	stk/min	11		stk/n		0.00	
Sample Location				pit		pit		cation 32	9 bbl	gal/mii		457	gal/min	44		gal/n		0	
Flowline Temp		=		120 °F				PHHP = 0		9		ULATION					485 K	= 123	3.538
Depth (ft)				3,200'		3,523'					Wa	shout = 5	%	F	Pump E	Efficie	ncy = 9	95%	
Mud Weight (p	pg)			9.1		9.1	Drill String	Volume	to Bit	0.0 bb	ol	Strokes To	Bit (	0	Т	ime T	o Bit	0 mi	in
Funnel Vis (se	c/qt)		@ 90 °F	36		36	Disp.	Bottoms L	Jp Vol.	0.0 bb	ol B	ottomsUp S	Stks (	0	Bottom	nsUp <sup>-</sup>	Γime	0 mi	in
600 rpm				7		7	0.0 bbl	Riser An	n. Vol.	0.0 bb	ol	Riser Stro	kes (	0	Riser	Circ.	Γime	0 mi	in
300 rpm				5		5		DRILLIN	G ASS	SEMBLY	DATA			SC	OLIDS	CON	ITROL		
200 rpm				3		3	Tubulars	OD (in.)	ID	(in.)	Length	n Top	)	Unit		Scre	ens	Hou	ırs
100 rpm				2		2	Drill Pipe				0'	0'	s	haker	1	14	0		
6 rpm				1		1	Hevi Wt					0'	s	haker	2	14	0		
3 rpm				1		1	Dir. BHA					0'	s	haker	3	14	0		
Plastic Viscosi	ty (cp)		@ 120 °F	2		2						0'	D	esande	er				
Yield Point (lb/	(100 ft²)		T0 = 1	3		3		CASI	IG & I	HOLE DA	ATA			Desilte	r				
Gel Strength (I	b/100 ft²)	10	sec/10 min	1/2		1/2	Casing	OD (in.)	ID	(in.)	Depth	тор	Ce	ntrifug	e 1				
Gel Strength (I	b/100 ft <sup>2</sup> )		30 min	4		5	Riser	20			108'		V	OLUM	E ACC	OUN	ITING (	bbls	s)
API Filtrate / C	ake Thick	kness		22/3		25/3	Surface	10 3/4	9.	950	3,518	108	' P	rev. To	otal on	Loca	ation	107	74.5
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.					108	' Т	ransfei	rred In	(+)/O	ut(-)		
Retort Solids (	Content			5.7%		5.7%	Washout 1								Oil A	Added	d (+)		0.0
Retort Oil Con	tent						Washout 2							E	Barite A	Added	d (+)		0.0
Retort Water 0	Content			94.3%		94.3%	Oper	n Hole Size	13	.913	3,523	1	Otl	her Pro	oduct l	Jsage	e (+)		3.6
Sand Content				0.4%		0.5%	AN	NULAR GI	OME	TRY & R	HEOL	OGY		V	Vater A	Added	(+)		
M.B.T. (Methyl	lene Blue	Capacity)	(ppb)	3.0		3.0	annula		eas.	velocit	•			Lef	t on C	utting	s (-)		0.0
рН				7.5		7.4	section	n de	epth	ft/min	n re	eg lb/ga	al	Sand	Trap [	Discha	arge	-74	49.2
Alkalinity, Mud	Pm			0.1		0.1													
Alkalinities, Fil	trate Pf/M	lf												Est. To	otal on	Loca	ation	32	28.9
Chlorides (mg/	L)			400		400							Es	t. Loss	ses/Ga	ins (-	)/(+)		0.0
Calcium (ppm)	1			100		100								BIT I	HYDR	AULI	CS DAT	ГА	
Excess Lime (	lb/bbl)												Bit F	H.S.I.	Bit ∆	ΔP	Nozzles	(32r	nds)
Average Speci			5	2.60	2.60	2.60							1.	86	489				16
Percent Low G		lids		5.6%		5.6%								npact rce	Nozz Veloc		16 1	16	16
Percent Drill S				5.6%		5.6%	_								(ft/se	·	$\perp$		
PPA Spurt / To			@ 0 °F				BIT D	1	-	anuf./Typ				9 lbs	245				
Estimated Tota		System	ppb			5	Size	Depth In			Footag			tor/MV	WD	Calc.	Circ. P		ure
Sample Taken				E. Sanchez		P. Blair	13 1/4	0 ft	1	0.0	3,200	ft 320.	U				533 p	SI	
Remarks/Reco	mmendati	ons:	obls / OF				Rig Activity:												

OBM RECEIVED: 2,065 bbls / OBM RETURNED:

OBM ON SURFACE--- bbls (Storage + Active)

OBM LOSS/GAIN--(Daily-- 0 )----Total ( 0 )

Skid over from ROMMEL Unit 4-H. M/U bit, and install MWD tool, controll drill to 1,040'. Resume drilling ahead from 1,040' to 3,200'. Average ROP: 320 ft/hr, SPP: 2577 psi, GPM: 900 gpm, TORQ: 3-8. Centrifuge/Desander/Desilter ran while drilling. Rolling WBM in frac tank to prevent sand settling out. Transfer water in/out as needed to maintain MWT. SAPP and Soap sweeps were pumped every 300' or as needed. At 3,000' SAPP was discontinued to allow for system viscosity increase. Plan ahead is to finish drilling surface to estimated 3,523'.

	ng. 1: none:		Patric 36-46				3		Beasley 47-5377	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 1	C 0	carefully	and may be		o elects, however	, no representati	nas been prepared on is made as to the	\$2,091.12	\$6,654.35
												INCLUDI	NG 3RD PAR	TY CHARGES	\$2,091.12	\$6,654.35

Date <b>07/16/21</b>	Operator MAGI	NOLIA OIL		Well Name a	ind No. <b>MMEL UNIT</b>	3H	Rig Name ar	1d No.   F	Report No. <b>Repo</b>	ort #2
	DAILY	USAGE 8	& COST				I			LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	-	Cum	Cum Cost
			Inventory		Inventory	Usage	-	-	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36	246 30	-200 -29		46 1	\$2,049.76 \$41.36	_	54 1	
EVO-LUBE	gal	\$14.00				<u> </u>	<b>\$11.00</b>	_	<u> </u>	<b>\$1110</b>
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SOAP STICKS (ea)	each	\$7.00	207	-207					35	\$245.00
SAPP STICK (ea)	each	\$11.25	207	-207					35	\$393.75
								_		
CACL2 (50)	50# sk	\$14.32	252	-252				-		
LIME (50) OPTI - G	50# sk 50# sk	\$5.00	325	-325 -120						
BENTONE 38 (50)	50# sk	\$30.59 \$163.94	120 63	-120				-		
BENTONE 910 (50)	50# sk	\$59.40	40	-40				-		
BENTONE 910 (50)	50# sk	\$83.59	63	-40				-		
OPTI - MUL	gal	\$10.75	610	-610						
OPTI - WET	gal	\$8.34	605	-605						
NEW PHALT	50# sk	\$38.72	145	-145						
OIL SORB (25)	25# sk	\$4.75	130	-130						
X = /		Ţ <b>o</b>								
NEW CARB (M)	50# sk	\$5.25	330	-330						
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	204	-204						
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04	25	-25						
MICA F (50)	50# sk	\$10.28	40	-40						
GRAPHITE POWDER F (50)	50# sk	\$24.14	64	-64						
NEW WATE (SACK BARITE)	100# sk	\$11.50		-80						
BARITE BULK (100)	100# sk	\$7.00	1604	-1604						
								-		
	+							-		
	<del>     </del>									
								-		
OPTI DRILL (OBM)	bbl	\$65.00	2065	-1736	329					
(ODIII)	DDI	Ψ00.00	2003	1750	323					
DISCOUNTED OBM	bbl	\$15.00								
-	1 32.	, , 5, 50								
	<u></u>									
ENGINEERING (24 HR)	each	\$925.00								\$1,850.00
ENGINEERING (DIEM)	bbl	\$30.00							2	
ENGINEERING (MILES)	each	\$1.00							450	\$450.00
2.10.1122.11.10 (1111220)										
	1	i								
					1					
FORKLIFT WITH OPERATOR	each	\$125.00						<u> </u>	1	\$125.00
FORKLIFT WITH OPERATOR TRUCKING (cwt)	each each	\$2.65								
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00						-	1	\$795.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$2.65 \$795.00 \$12.00						-	1 12	\$144.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00						-	1	\$795.00 \$144.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
07/16/21	MAGN	NOLIA OIL	& GAS	ROM	MEL UNI	Т 3Н	24	48	Repo	rt #2
	DAILY	USAGE 8	& COST						CUMUI	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
					inventory	Usage			Usage	
Diesel Transfer F/Rommel 4H	gal	\$2.39	14400	-14400						
		<u></u>	<u></u>		<u></u>	<u></u>				
	Cum	ulative Tota	al AES & 3rd	d Party \$6,6	654.35					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date		1/1/00	1/2/00	1/3/00	1/4/00	1/5/00	1/6/00	1/7/00	1/8/00	1/9/00	1/10/00		1/12/00	1/13/00	1/14/00	1/15/00	1/16/00	1/17/00	1/18/00	1/19/00	1/20/00
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
-	Bit Size																					
Grand	Starting Depth																					
Totals	Ending Depth																					
-	Footage Drilled	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-		-
-	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-
1	Starting System Volume		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Chemical Additions																					
-	Base Fluid Added																					
-	Barite Increase																					
-	Weighted Mud Added																					
-	Slurry Added																					
-	Water Added																					
-	Added for Washout																					
-	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
_	Formation Loss																					
-	Mud Loss to Cuttings																					
-	Unrecoverable Volume																					
-	Centrifuge Losses																					
		_			_								_	_			_		_			
-	Total Losses	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	•	•	•	-
-	Mud Transferred Out																					
-	Ending System Volume	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Recovered																					
<u> </u>	<u> </u>			C	omment	s:					C	omment	s:					С	omment	s <i>:</i>		
		4/0/00							4/7/00							4/4 4/00						
		1/0/00							1/7/00							1/14/00						
-		1/1/00							1/8/00							1/15/00						
1	_	1/2/00							1/9/00							1/16/00						
		1/2/00							1/9/00							1710/00						
		1/3/00							1/10/00							1/17/00						
		1/4/00							1/11/00							1/18/00						
		1/5/00							1/12/00							1/19/00						
		1/6/00							1/13/00							1/20/00						

Report #3

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

5,494' TVD

TEL: (337) 394-1078

Operator  MAGNOLIA OIL & GAS	Contractor PA	TERS	ON	County / Parish /	Block IINGTON		Engineer Start D		24 hr ft	9. 1,971 ft		Drilled Depth	94 ft	t
Well Name and No.	Rig Name ar	nd No.		State			Spud Date		Curren	t ROP		Activity		
ROMMEL UNIT 3H Report for	Report for	248		TE	EXAS	F	07/14 Tuid Type	4/21		328 ft/hr		Dr Circulating P	illing	
BRANDON PARKS/JAMES DYER		ol Pus	her		NGS (AC		ОВ	М		782 gpm		_	7 ps	
MUD PROPERTY SPECII	ICATION	S		MUD VO	LUME (BB	<b>L)</b>	PUMI	P #1		PUMP #2		RISER	300S	STER
Weight PV YP E.S.	CaCl2	GELS	HTHP	In Pits	640	bbl	Liner Size	5.25	Line	Size 5.	25	Liner Size	)	
8.8-9.7 10-20 8-20 >350	±275K	<10 <15	<10	In Hole	485	bbl	Stroke	12	Stre	oke 1	2	Stroke		
	8/3/21			Active	1125	bbl	bbl/stk	0.076	3 bbl	/stk 0.0	763	bbl/stk	0.0	0000
Time Sample Taken	0:30			Storage	2152	<u>bbl</u>	stk/min	122	stk	min 12	22	stk/min		
Sample Location	pit			Tot. on Loc	cation 3277	bbl '	gal/min	391	gal	min 39	91	gal/min		0
Flowline Temperature °F	132 °F			F	PHHP = 157	3	CII	RCULAT	ION DA	TA		n = 0.608	8 K = 2	242.063
Depth (ft)	5,494'			Bit I	Depth = 5,4	94 '	1	Washou	t = 5%		Pump	Efficiency	' = 95°	%
Mud Weight (ppg)	9.1			Drill String	Volume	to Bit	91.8 bbl	Strok	es To Bit	1,203	-	Гіте То В	t 5	min
Funnel Vis (sec/qt) @ 120 °F	43			Disp.	Bottoms U	Vol.	393.6 bbl	Bottom	sUp Stks	5,157	Bottor	msUp Tim	e 21	min
600 rpm	32			49.0 bbl	Riser Ann	. Vol.	-2.6 bbl	Rise	Strokes	-34	Riser	Circ. Tim	e 0	min
300 rpm	21				DRILLING	ASSE	EMBLY DA	TA		s	OLIDS	CONTR	OL	
200 rpm	15			Tubulars	OD (in.)	ID (i	in.) Len	gth	Тор	Unit		Screens	Н	ours
100 rpm	12			Drill Pipe	5.000	4.2	76 4,9	21'	0'	Shaker	1	140		
6 rpm	6			Hevi Wt	5.000	3.0	00 27	74'	4,921'	Shaker	2	140		
3 rpm	5			Collars	6.500	2.3	75 18	38'	5,195'	Shaker	3	140		
Plastic Viscosity (cp) @ 150 °F	11			Dir. BHA	8.000	3.0	00 11	1'	5,383'	Desand	er			
Yield Point (lb/100 ft²) T0 = 4	10				CASIN	G & H	OLE DATA			Desilte	er			
Gel Strength (lb/100 ft²) 10 sec/10 min	5/8			Casing	OD (in.)	ID (i	in.) De	pth	Тор	Centrifug	je 1		6	6.0
Gel Strength (lb/100 ft <sup>2</sup> ) 30 min	10			Riser	20		10	)8'		VOLUM	IE AC	COUNTI	IG (bb	ols)
HTHP Filtrate (cm/30 min) @ 300 °F	7.8			Surface	10 3/4	9.9	50 3,5	18'	108'	Prev. T	otal o	n Location	1	328.9
HTHP Cake Thickness (32nds)	2.0			Int. Csg.					108'	Transfe	rred Ir	n(+)/Out(-	) 2	2975.0
Retort Solids Content	10%			Washout 1							Oil	Added (+	)	116.6
Corrected Solids (vol%)	7.3%			Washout 2						I	Barite	Added (+	)	0.0
Retort Oil Content	64%			Oper	Hole Size	10.3	369 5,4	94'		Other Pr	oduct	Usage (+	)	1.6
Retort Water Content	26%			ANI	NULAR GE	OMET	RY & RHE	OLOGY		١	Vater	Added (+	)	25.0
O/W Ratio	71:29			annular	r me	as.	velocity	flow	ECD	Le	ft on C	Cuttings (-	) -	-102.9
Whole Mud Chlorides (mg/L)	65,800			section	de	oth	ft/min	reg	lb/gal		(	Centrifug	e	-40.0
Water Phase Salinity (ppm)	284,101			0x5	10	8'	-766.7		9.41	Non-Rec	overal	ble Vol. (-	)	-26.8
Whole Mud Alkalinity, Pom	2.7			9.95x5	3,5	18'	259.0	lam	9.60	Est. T	otal o	n Locatio	n 3	3277.4
Excess Lime (lb/bbl)	3.5 ppb			10.369x	5 4,9	21'	232.3	lam	9.83	Est. Los	ses/Ga	ains (-)/(+	)	0.0
Electrical Stability (volts)	390 v			10.369x	5 5,1	95'	232.3	lam	10.11	BIT	HYDR	AULICS	DATA	1
Average Specific Gravity of Solids	2.61			10.369x6	5.5 5,3	83'	293.7	turb	10.40	Bit H.S.I.	Bit .	ΔP No	zles (3	32nds)
Percent Low Gravity Solids	6.2%			10.369x	8 5,4	94'	440.5	turb	10.71	1.37	231	psi 14	14	14
ppb Low Gravity Solids	51 ppb									Bit Impact	Noz Velo		14	14
Percent Barite	1.1%									Force	(ft/s	-	16	16
ppb Barite	16 ppb			BIT D	ATA	Mar	nuf./Type	Ulteras	SPL613	620 lbs	16	8		
Estimated Total LCM in System ppb				Size	Depth In	Hou	urs Foot	tage R	OP ft/hr	Motor/M	WD	Calc. Cir	c. Pre	ssure
			I		0.500 (	•		74 £4	220 E				-0:	i
Sample Taken By	Chris Beasley	0	M Washburn	9 7/8	3,523 ft	6.	0 1,97	/ Ι π	328.5			1,6	53 psi	1
Sample Taken By Remarks/Recommendations:	Chris Beasley	0	M Washburn	9 7/8 Rig Activity:	3,523 ft	6.	0 1,97	/1π	320.5			1,6	os psi	1

Pretreatment: 55 gal Opti Mul, 55 gal Opti Wet, 5 Bentone 990, 5 Bentone 910.

Rig was skid from the Redwood A1H. Mud in the pits cut from 9.7 PPG to 8.8 PPG. A pretreatment was mixed. BHA #2 was picked up and TIH T/3429'. Drilled float equipment T/3543'. Conditioned and circulated OBM. Performed FIT MW 9.0 EMW 11.6 PPG. PSI 471. Drilled T/5494'. Shakers had some moderate blinding due to sand. Currently drilling ahead. ROP 600 FPH. TQ 13 kFT-LBS. MWD Temp 176 deg.

E	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	) W	H 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	36-46	5-09	52	Pł	none:	903-7	47-5377	Phone:	432-686-73	861 Ph	ne:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be		er so elects, h	owever, no	o representa	has been prepared tion is made as to the	\$6,411.50	\$13,065.85
												IN	CLUDING	3RD PA	RTY CHARGES	\$17,465.66	\$24,120.01

SAPP (50)   55	# sk	\$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14	Previous Inventory	Received  93 29  122 122 122  168 200 63 27 34 385 370 70 44  259 144  40 64	29 80 80 80 168 180 63 27 29 330 250 70 44 44 40	Daily Usage  42 42 42  100 100 100 100 100 100 100 100 100 1	\$472.50 \$100.00 \$417.95 \$591.25
SAPP (50)	# sk gal al # sk	\$44.56 \$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$44.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14	Inventory	93 29 122 122 122 168 200 63 27 34 385 370 70 44 40 64	Inventory   93   29	42 42 42 5 55	\$294.00 \$472.50 \$100.00 \$417.95 \$591.25
SAPP (50)	# sk gal al # sk	\$44.56 \$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$44.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		93 29 122 122 122 168 200 63 27 34 385 370 70 44 40 64	93 29 80 80 80 168 180 63 27 29 330 250 70 44	42 42 20 5 55	\$294.00 \$472.50 \$100.00 \$417.95 \$591.25
PHPA LIQUID (pail) EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 990 (50)  OPTI - WUT  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	gal al # sk # sk ich ich ach # sk	\$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		29 122 122 168 200 63 27 34 385 370 70 44 40 64	29 80 80 80 168 180 63 27 29 330 250 70 44 44 40	20 5 55	\$472.50 \$100.00 \$417.95 \$591.25
EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  22 SOAP STICKS (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk	\$14.00 \$19.75 \$162.83 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$22.05 \$12.04 \$10.28 \$24.14		122 122 168 200 63 27 34 385 370 70 44 259 144	80 80 80 168 180 63 27 29 330 250 70 44 44	20 5 55	\$472.50 \$100.00 \$417.95 \$591.25
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) OPTI - WUL OPTI - WUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE) DARRITE BULK (100)  OPTI DRILL (OBM)	# sk # sk ich ich ich ich ich ich ich ich ich ich	\$19.75 \$162.83 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$28.05 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28		122 168 200 63 27 34 385 370 70 44 259 144 40 64	80 168 180 63 27 29 330 250 70 44 259 144 40	20 5 55	\$472.50 \$100.00 \$417.95 \$591.25
ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  OPTI - WUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  NEW WATE (SACK BARITE)  ACCUMENTALY (OBM)  OPTI DRILL (OBM)	# sk	\$162.83 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$28.05 \$22.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28		122 168 200 63 27 34 385 370 70 44 259 144 40 64	80 168 180 63 27 29 330 250 70 44 259 144 40	20 5 55	\$472.50 \$100.00 \$417.95 \$591.25
SOAP STICKS (ea)  SAPP STICK (ea)  (SAPP STICK (ea)  (SAPP STICK (ea)  (CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk	\$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		122 168 200 63 27 34 385 370 70 44 259 144 40 64	80 168 180 63 27 29 330 250 70 44 259 144 40	20 5 55	\$472.50 \$100.00 \$417.95 \$591.25
SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk # sk # sk # sk al al # sk # s	\$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28		168 200 63 27 34 385 370 70 44 259 144	168 180 63 27 29 330 250 70 44 259 144	20 5 55	\$100.00 \$417.95 \$591.25
LIME (50) 55  OPTI - G 55  BENTONE 38 (50) 56  BENTONE 910 (50) 56  BENTONE 990 (50) 56  OPTI - MUL	# sk # sk # sk # sk al al al # sk # sk # sk # sk # sk # sk # sk # sk	\$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		200 63 27 34 385 370 70 44 259 144 40 64	180 63 27 29 330 250 70 44 259 144	5 55	\$417.95 \$591.25
LIME (50) 55  OPTI - G 55  BENTONE 38 (50) 56  BENTONE 910 (50) 56  BENTONE 990 (50) 56  OPTI - MUL	# sk # sk # sk # sk al al al # sk # sk # sk # sk # sk # sk # sk # sk	\$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		200 63 27 34 385 370 70 44 259 144 40 64	180 63 27 29 330 250 70 44 259 144	5 55	\$417.95 \$591.25
OPTI - G	# sk # sk # sk al al al # sk # sk # sk # sk # sk # sk	\$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$28.05 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		27 34 385 370 70 44 259 144 40 64	27 29 330 250 70 44 259 259	5 55	\$417.95 \$591.25
BENTONE 38 (50) 55 BENTONE 910 (50) 56 BENTONE 990 (50) 56  OPTI - MUL OPTI - WET NEW PHALT 55 OIL SORB (25) 22  NEW CARB (M) 56 CYBERSEAL 22 MAGMAFIBER F (25) 33 NUT PLUG M (50) 56 MICA F (50) 56  RAPHITE POWDER F (50) 56  NEW WATE (SACK BARITE) 10 BARITE BULK (100) 10  OPTI DRILL (OBM)	# sk # sk # sk al al al # sk # sk # sk # sk # sk # sk # sk # sk	\$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$28.05 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		27 34 385 370 70 44 259 144 40 64	27 29 330 250 70 44 259 144	55	\$591.25
BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk al al al al al sk # sk	\$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		34 385 370 70 44 259 144 40 64	29 330 250 70 44 259 259	55	\$591.25
OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  29  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE) BARITE BULK (100)  OPTI DRILL (OBM)	al al # sk # sk # sk # sk # sk # sk # sk # sk	\$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28		385 370 70 44 259 144 40 64	250 70 44 259 259 144	55	\$591.25
OPTI - WET  NEW PHALT  OIL SORB (25)  29  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	al	\$8.34 \$38.72 \$4.75 \$4.75 \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		370 70 44 259 144 40 64	250 70 44 259 144 40		
NEW PHALT  OIL SORB (25)  29  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk # sk	\$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		259 144 40 64	259 144 40	120	\$1,000.80
OIL SORB (25) 2:  NEW CARB (M) 5:  CYBERSEAL 2:  MAGMAFIBER F (25) 2:  MAGMAFIBER R (30) 3:  VARISEAL 5:  FIBER PLUG 3:  NUT PLUG M (50) 5:  MICA F (50) 5:  MEW WATE (SACK BARITE) 1:  BARITE BULK (100) 1:  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk # sk	\$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		259 144 40 64	259		
NEW CARB (M) 50 CYBERSEAL 22 MAGMAFIBER F (25) 23 MAGMAFIBER R (30) 30 VARISEAL 50 FIBER PLUG 30 NUT PLUG M (50) 50 GRAPHITE POWDER F (50) 50  NEW WATE (SACK BARITE) 10 BARITE BULK (100) 10  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk	\$5.25 \$21.47 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28		259 144 40 64	259 144 40		
CYBERSEAL 2:  MAGMAFIBER F (25) 2:  MAGMAFIBER R (30) 3:  VARISEAL 5:  FIBER PLUG 3:  NUT PLUG M (50) 5:  MICA F (50) 5:  GRAPHITE POWDER F (50) 5:  NEW WATE (SACK BARITE) 10:  BARITE BULK (100) 10:  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk	\$21.47 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		144 40 64	144		
CYBERSEAL 2:  MAGMAFIBER F (25) 2:  MAGMAFIBER R (30) 3:  VARISEAL 5:  FIBER PLUG 3:  NUT PLUG M (50) 5:  MICA F (50) 5:  GRAPHITE POWDER F (50) 5:  NEW WATE (SACK BARITE) 10:  BARITE BULK (100) 10:  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk	\$21.47 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		144 40 64	144		
CYBERSEAL 2:  MAGMAFIBER F (25) 2:  MAGMAFIBER R (30) 3:  VARISEAL 5:  FIBER PLUG 3:  NUT PLUG M (50) 5:  MICA F (50) 5:  GRAPHITE POWDER F (50) 5:  NEW WATE (SACK BARITE) 10:  BARITE BULK (100) 10:  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk # sk # sk	\$21.47 \$28.05 \$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		40 64	144		
MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  OPTI DRILL (OBM)	# sk # sk # sk # sk # sk	\$28.05 \$26.50 \$30.37 \$12.04 \$10.28 \$24.14		40 64	40		
VARISEAL 55 FIBER PLUG 33 NUT PLUG M (50) 50 MICA F (50) 50 GRAPHITE POWDER F (50) 50  NEW WATE (SACK BARITE) 10 BARITE BULK (100) 10  OPTI DRILL (OBM)	# sk # sk # sk # sk	\$26.50 \$30.37 \$12.04 \$10.28 \$24.14		64			
FIBER PLUG  NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  10  OPTI DRILL (OBM)	# sk # sk # sk	\$30.37 \$12.04 \$10.28 \$24.14		64			
NUT PLUG M (50)  MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  10  OPTI DRILL (OBM)	# sk # sk	\$12.04 \$10.28 \$24.14		64			
MICA F (50)  GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  10  OPTI DRILL (OBM)	# sk	\$10.28 \$24.14		64			
GRAPHITE POWDER F (50)  NEW WATE (SACK BARITE)  BARITE BULK (100)  10  OPTI DRILL (OBM)		\$24.14		64			
NEW WATE (SACK BARITE)  BARITE BULK (100)  10  OPTI DRILL (OBM)	# SK				64		
BARITE BULK (100) 10		\$11.50					
BARITE BULK (100) 10		\$11.50					
DARITE BULK (100)  10  10  10  10  10  10  10  10  10		\$11.50					
DARITE BULK (100)  10  10  10  10  10  10  10  10  10		\$11.50					
DARITE BULK (100)  10  10  10  10  10  10  10  10  10	# sk			80	80		
	# sk	\$7.00		1600	1600		
DISCOUNTED OBM	bl	\$65.00	329	2975	3279	25	\$1,625.00
DISCOUNTED OBM							
	bl	\$15.00					
ļ			<del>                                     </del>				
			1				
ENGINEERING (24 HR)	ock.	\$925.00					\$1,850.00
	ich bl	\$925.00	-			2	
	:	\$1.00	-		+		ψ00.00
	bl ich	ψ1.00	<u> </u>				
	ich						
FORKLIFT WITH OPERATOR		\$125.00			†		
		\$2.65					
	ich	\$795.00					
` '	ich						
SHRINK WRAP (ea)	ich	\$12.00					
	ich ich	\$12.00 \$12.00					

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
08/03/21	MAG	NOLIA OIL	& GAS	ROM	MEL UNI	Т 3Н	24	48	Repo	ort #3
	DAILY	USAGE 8	& COST						CUMUL	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38		7200	7200					
DIESEL 08/03/21	gal	\$2.34		7199	2475	4724	\$11,054.16		4724	\$11,054.16
					Daily Su	ub-Total \$1	1,054.16		\$11,0	54.16
								1		
	Cum	ulative Tota	al AES & 3rd	l Party \$24,	120.01					
l .										

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2				I			WEEK 3						
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21			
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon			
	Bit Size	9 7/8																				1			
Grand	Starting Depth	3,523	5,494																			l			
Totals	Ending Depth	5,494																				1			
1,971	Footage Drilled	1,971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	New Hole Vol.	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Starting System Volume	3,304	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277			
2	Chemical Additions	2																							
	Base Fluid Added	117																				ĺ			
-	Barite Increase																					1			
-	Weighted Mud Added																					ĺ			
-	Slurry Added																					ĺ			
25	Water Added	25																							
	Added for Washout																								
	Total Additions	144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Surface Losses																								
	Formation Loss																								
	Mud Loss to Cuttings	104																							
	Unrecoverable Volume	27																				ſ			
		40																							
171	Total Losses	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
-	Mud Transferred Out																								
3,277	Ending System Volume	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277	3,277			
-	Mud Recovered																								
	•			C	omment	s:					C	omment	s:					С	omment	s:					
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21									
3,304		8/4/21							8/11/21							8/18/21									
		8/5/21							8/12/21							8/19/21									
		8/6/21							8/13/21							8/20/21									
		8/7/21							8/14/21							8/21/21									
		8/8/21							8/15/21							8/22/21									
		8/9/21							8/16/21							8/23/21									

Report #4

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

8.0° 9,345' TVD

	NOLIA (	OIL &	GAS		TTERSO	ON		Block HINGTO	N	Engineer Start I		24 hr f	3,951 ft			45 ft	:		
Well Name and No	MMEL	UNIT 3	ВН	Rig Name ar	248			EXAS		Spud Date <b>07/1</b>	4/21	Curren	30 ft/hr			lling	l		
Report for BRANDON	IDADK	S/IAM	ES DVED	Report for	ol Pusi	nor	Field / OCS-G #	NGS (A	C)	Fluid Type  OE	2M		ating Rate 833 gpm		culating Pr <b>4,66</b>		e i		
BRANDON			RTY SPECIF			ICI		LUME (BI		PUM			PUMP #2		4,00 RISER E	-			
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	7 bbl	Liner Size	5.25	Line			iner Size				
8.8-9.7	10-20	8-20	>350	±275K	<10 <15	<10	In Hole		2 bbl	Stroke	12				Stroke				
0.0 0.1	10 20	0 20	7000	8/4/21	110 110	8/3/21	Active		19 bbl	bbl/stk	0.0763		/stk 0.0		bbl/stk	0.0	0000		
Time Sample	Taken			0:30		14:00	Storage		11 bbl	stk/min	130				stk/min	0.0			
Sample Locati				pit		shaker	Tot. on Loc	cation 313	30 bbl	gal/min	417	gal	/min 4 <sup>-</sup>	17	gal/min		0		
Flowline Temp	perature °F	=		170 °F		155 °F	F	PHHP = 22	66	CI	RCULAT	ION DA	.TA	n	= 0.671	K = 2	09.200		
Depth (ft)				9,445'		7,850'	Bit [	Depth = 9,	445 '		Washout	= 5%		Pump E	fficiency	= 95%	<b>%</b>		
Mud Weight (p	opg)			9.6		9.6	Drill String	Volum	e to Bit	162.0 bbl	Stroke	s To Bit	2,123	Tir	me To Bi	t 8	min		
Funnel Vis (se	ec/qt)		@ 160 °F	47		46	Disp.	Bottoms l	Jp Vol.	710.3 bbl	Bottoms	Up Stks	9,308	Bottoms	sUp Time	36	min		
600 rpm				43		43	74.8 bbl	Riser Ar	nn. Vol.	-2.6 bbl	Riser	Strokes	-34	Riser C	irc. Time	. 0	min		
300 rpm				27		27		DRILLIN	IG ASS	SEMBLY DA	TA		S	OLIDS	CONTR	OL			
200 rpm				20		19	Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Unit	5	Screens	Нс	ours		
100 rpm				15		15	Drill Pipe	5.000	4.	276 8,8	372'	0'	Shaker	1	140	2	4.0		
6 rpm				7		7	Hevi Wt	5.000	3.	.000 2	74'	3,872'	Shaker	2	140	2	4.0		
3 rpm				6		6	Collars	6.500	2.	375 1	88' !	9,146'	Shaker	3	140 24				
Plastic Viscos	ity (cp)		@ 150 °F	16		16	Dir. BHA	8.000	3.	.000 1	11' !	9,334'	Desand	ler					
Yield Point (lb.	/100 ft²)		T0 = 5	11		11		CASI	NG & I	HOLE DATA	1		Desilte	er					
Gel Strength (	Ib/100 ft²)	10	0 sec/10 min	6/9		6/9	Casing	OD (in.)	ID	(in.) De	epth	Тор	Centrifug	je 1					
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	12		12	Riser	20		1	08'		VOLUM	IE ACC	OUNTIN	G (bb	ols)		
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.0		6.6	Surface	10 3/4	9.	950 3,	518'	108'	Prev. T	otal on	Location	3	277.4		
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred In(	+)/Out(-)	)			
Retort Solids (	Content			12%		11.5%	Washout 1							Oil A	dded (+)	)	172.7		
Corrected Sol	ids (vol%)			9.2%		8.7%	Washout 2						ı	Barite A	dded (+)	)	0.0		
Retort Oil Con	ntent			60.5%		60.5%	Oper	Hole Size	e 10	.369 9,4	145'		Other Pr	oduct U	sage (+)	)	7.2		
Retort Water (	Content			27.5%		28%	ANI	NULAR G	EOME	TRY & RHE	OLOGY		\	Nater A	dded (+)	)	20.0		
O/W Ratio				69:31		68:32	annular	r m	ieas.	velocity	flow	ECD	Le	ft on Cu	ttings (-)		206.3		
Whole Mud C	hlorides (n	ng/L)		69,200		69,000	section	d	epth	ft/min	reg	lb/gal		C	entrifuge	:	-40.7		
Water Phase	Salinity (p	pm)		282,942		278,718	0x5	1	108'	-817.0		9.63	Non-Rec	overable	e Vol. (-)	-	100.0		
Whole Mud Al	lkalinity, P	om		2.2		2.5	9.95x5	3,	,518'	276.0	turb	9.86	Est. T	otal on	Location	3	130.2		
Excess Lime (	(lb/bbl)			2.9 ppb		3.3 ppb	10.369x	5 8,	,872'	247.5	lam	9.85	Est. Los	ses/Gaii	s/Gains (-)/(+)				
Electrical Stab	oility (volts)	)		402 v		410 v	10.369x	5 9,	,146'	247.5	lam	9.88	BIT	HYDRA	ULICS	DATA			
Average Spec	ific Gravity	y of Solid	ds	2.83		2.92	10.369x6	5.5 9,	,334'	312.9	turb	9.91	Bit H.S.I.	Bit ∆l	Noz	zles (3	2nds)		
Percent Low 0	Gravity Sol	lids		6.6%		5.9%	10.369x	8 9,	445'	469.3	turb	9.95	1.75	276 p	si 14	14	14		
ppb Low Grav	ity Solids			55 ppb		48 ppb							Bit Impact	Nozzl Veloci		14	14		
Percent Barite	)			2.5%		2.9%							Force	(ft/sed	-	16	16		
ppb Barite				36 ppb		41 ppb	BIT D	ATA	Ma	anuf./Type	UlteraS		743 lbs	179					
Estimated Tot	al LCM in	System	ppb				Size	Depth In			Ŭ	OP ft/hr	Motor/M\		Calc. Circ	c. Pres	ssure		
Sample Taker	п Ву			Chris Beasley	0	M Washburn	9 7/8	3,523 ft	3	5,9	22 ft	197.4	4,773 p	osi	7,565 psi				
Remarks/Reco	mmandatio	one:					Rig Activity:												

OBM RECEIVED: 2,975 bbls

Mainting MW 9.6

Rig Activity:

Continue drilling 9-7/8" vertical hole section in Midway shale, cuttings are uniform PDC generated shale pieces, no blocky or oversized cuttings observed. Gradualy increase mud wt. from 9.1 to 9.6 with additions of 14.0# heavy fluid from storage frac tanks. Current depth of 9445'. ROP while sliding 20 FPH. MWD Temp 234. Torque 10 while rotating. Adding water to offset evaporation and maintain OWR, adding diesel for oil wetting of solids, OPTIG, gilsonite to lower HTHP, Newphalt for weelbore stability lime and OPTIMI II. for emulsion stability. Receiving additional weelbore stability lime and OPTIMUL for emulsion stability. Receiving additional 14.0# OBM from Newpark Madisonville WH.

E	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLA	ND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	36-46	5-09	52	Ph	none:	903-7	47-5377	Phone:	432-686-	7361	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 e		no representation	nas been prepared on is made as to the	\$14,916.58	\$27,982.43
													INCLUDI	NG 3RD PAR	TY CHARGES	\$32,052.58	\$56,172.59

08/04/21	Operator <b>MAGI</b>	NOLIA OIL		Well Name a ROI	MEL UNIT	3H	Rig Name an	48	Report No. Repo	ort #4
	DAILY	USAGE 8	& COST						СИМИ	LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
			Inventory		Inventory	Usage	, , , , , , , ,		Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36			93 29				54	\$2,406.24 \$41.36
EVO-LUBE	gal	\$14.00			23				· ·	Ψ+1.00
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SOAP STICKS (ea)	each	\$7.00	80		80				77	\$539.00
SAPP STICK (ea)	each	\$11.25	80		80				77	\$866.25
CACL2 (50)	50# sk	\$14.32	168		168					
LIME (50)	50# sk	\$5.00	180	200	350	30	\$150.00		50	\$250.0
OPTI - G	50# sk	\$30.59		160	140	20	\$611.80		20	\$611.80
BENTONE 38 (50)	50# sk	\$163.94	63		63					
BENTONE 910 (50)	50# sk	\$59.40	27	40	62	5			5	
BENTONE 990 (50)	50# sk	\$83.59	29	40	62	7	\$585.13		12	
OPTI - MUL	gal	\$10.75	330	220	495	55	\$591.25		110	
OPTI - WET NEW PHALT	gal 50# sk	\$8.34 \$38.72	250 70	220 80	470 130	20	\$774.40		120	\$1,000.80 \$774.40
OIL SORB (25)	25# sk	\$4.75	44	00	44	20	\$774.40		20	Φ//4.40
NEW CARB (M)	50# sk	\$5.25	259		259					
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	144		144					
MAGMAFIBER R (30)	30# sk	\$28.05		_						
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00			1600					
		******								
OPTI DRILL (OBM)	bbl	\$65.00	3279		3130	149	\$9,685.00		174	\$11,310.0
DISCOUNTED OBM	bbl	\$15.00								
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		6	\$5,550.00
ENGINEERING (DIEM)	bbl	\$30.00				2			6	
ENGINEERING (MILES)	each	\$1.00							450	\$450.00
	each	\$125.00		-					1	\$125.0
TRUCKING (cwt)	each	\$2.65								
TRUCKING (cwt) TRUCKING (min)	each each	\$795.00							1	
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each					14	\$168.00 \$144.00		1 26 24	

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
08/04/21	MAGN	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	ort #4
	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 Transfer F/Rommel 4H	gal	\$2.39						1		
Diesel Transfer F/Redwood A1H	gal	\$2.38	7200			7200	\$17,136.00		7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34	2475		2475				4724	\$11,054.16
Diesel 7200	gal	\$2.32		7200	7200					
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					Daily St	ub-Total \$1	1,136.00	]	\$28,1	90.16
	1					<del></del>				
	Cum	ulative Tota	I AES & 3rd	Party \$56	172.59					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8																			
Grand	Starting Depth	3,523	5,494	9,445																		
	Ending Depth	5,494	9,445																			
	Footage Drilled	1,971	3,951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	189	374	-	_	<del>-</del>	<u> </u>	<del>-</del>		_		-	_		-		_	_	_	_	-	-
303		_																				
	Starting System Volume	3,304	3,277	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130
	Chemical Additions	2	7																			
	Base Fluid Added	117	173																			
	Barite Increase Weighted Mud Added																					
	Slurry Added																					
	Water Added	25	20																			1
	Added for Washout	23	20																			
		444	200																			
	Total Additions	144	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surface Losses																					ļ
	Formation Loss	404	200																			
	Mud Loss to Cuttings	104	206																			
	Unrecoverable Volume	27	100																			
81	Centrifuge Losses	40	41																			
518	Total Losses	171	347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mud Transferred Out																					
3,130	Ending System Volume	3,277	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130	3,130
-	Mud Recovered																					
	•			C	omment	s <i>:</i>					С	omment	s:					С	omment	s:		
		8/3/21		Transferre	d F/ Redwo	od A1H. 3	329 bbls wa	s in the	8/10/21							8/17/21						
	1		casing.																			
3,304		8/4/21							8/11/21							8/18/21						
	-	8/5/21							8/12/21							8/19/21						
		8/6/21							8/13/21							8/20/21						
		8/7/21							8/14/21							8/21/21						
		8/8/21							8/15/21							8/22/21						

TEL: (337) 394-1078

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

0.2° 573' TVD

Operator				Contractor			County / Parish /	Block		Engineer S	tart Date	24 hi	r ftg.		Drilled E	Depth		
MAG	NOLIA (	OIL & C	SAS	PA	TTERSO	ON	WASH	HINGTO	N	07	7/14/21		1,577 ft		1	11,02	22 ft	
Well Name and No		LINUT O		Rig Name ar			State	-۷46		Spud Date	7/4 4/04	Curr	ent ROP		Activity	TD	ın	
Report for	MMEL	UNII 3	Н	Report for	248		Field / OCS-G #	EXAS		Fluid Type	7/14/21	Circu	0 ft/hr		Circulati	TR ing Pres		
BRANDON	I PARK	S/JAME	ES DYER	To	ol Pusi	ner	GIDDII	NGS (AC	<b>C)</b>		ОВМ		833 gpm	ı		p	si	
	MUD	PROPER	RTY SPECIF	ICATION	s		MUD VO	LUME (BB	BL)	Р	UMP #1		PUMP #2		RISI	ER BC	OST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	541	l bbl	Liner S	ize 5	.25 Lin	er Size 5.	.25	Liner	Size		
8.8-9.7	10-20	8-20	>350	±280K	<10 <15	<10	In Hole	109	5 bbl	Stroke	e ′	12 S	troke 1	12	Stro	ke		
				8/5/21		8/4/21	Active	564	4 bbl	bbl/st	k 0.0	763 b	bl/stk 0.0	763	bbl/	stk	0.00	000
Time Sample	Taken			0:30		14:00	Storage	<u>191</u>	3 bbl	stk/mi	in 1	30 st	k/min 1	30	stk/r	min		
Sample Locati	ion			pit		shaker	Tot. on Loc	cation 354	9 bbl	gal/mi	in 4	17 ga	al/min 4	17	gal/r	min	C	)
Flowline Temp	oerature °F	=				175 °F		PHHP = 0			CIRCUI	ATION D	ATA		n = 0	.684 I	< = 19	9.903
Depth (ft)				11,022'		10,645'	Е	Bit Depth =	'		Wash	out = 5%		Pump	Efficie	ency =	95%	)
Mud Weight (p	opg)			9.6		9.6	Drill String	Volume	to Bit	0.0 bl	ol St	rokes To B	it 0		Time T	Γο Bit	0 m	nin
Funnel Vis (se	ec/qt)		@ 160 °F	48		46	Disp.	Bottoms U	p Vol.	23.4 b	bl Bott	omsUp Stk	s 307	Botto	msUp	Time	1 m	nin
600 rpm				45		46	16.9 bbl	Riser Anı	n. Vol.	-2.6 b	bl R	iser Stroke	s -34	Rise	r Circ.	Time	0 m	nin
300 rpm				28		29		DRILLING	G ASS	EMBLY	DATA		S	OLID	S CON	NTRO	_	
200 rpm				21		22	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scre	ens	Hou	urs
100 rpm				14		15	Drill Pipe	5.000	4.2	276	-573'	0'	Shaker	r 1	14	10	24	.0
6 rpm				7		8	Hevi Wt	5.000	3.0	000	274'	-573'	Shaker	r 2	14	10	24	.0
3 rpm				6		7	Collars	6.500	2.3	375	188'	-299'	Shaker	r 3	14	10	24	.0
Plastic Viscos	ity (cp)		@ 150 °F	17		17	Dir. BHA	8.000	3.0	000	111'	-111'	Desand	der				
Yield Point (lb.	/100 ft²)		T0 = 5			12			IG & F	IOLE DA	ATA		Desilte	er				
Gel Strength (	(lb/100 ft²)	10	sec/10 min	7/11		8/12	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1				
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	15		16	Riser				108'		VOLUN	IE AC	COUN	NTING	•	_
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	7.0		7.0	Surface	10 3/4	9.9	950	3,518'	108'	Prev. T	Total o	n Loca	ation	31	30.2
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred I	n(+)/O	Out(-)	4	74.0
Retort Solids (	Content			12%		12.5%	Washout 1							Oil	Adde	d (+)	1	66.1
Corrected Sol	ids (vol%)			9.1%		9.7%	Washout 2							Barite	Adde	d (+)		0.0
Retort Oil Con				60.5%		60.5%		n Hole Size			11,022'		Other Pi	roduct	Usag	e (+)		3.3
Retort Water (	Content			27.5%		27%	ANI	NULAR GE	OME	TRY & R	HEOLO	GY T		Water		. ,		25.0
O/W Ratio				69:31		69:31	annular section		eas. epth	veloci ft/mir		ECD lb/gal	Le	eft on (		,		82.4
Whole Mud C	•			69,800		70,000							╡		Centri	Ū		40.0
Water Phase	7 (1 )	,		284,697		289,036	0x5		08'	-817.	_	9.60	Non-Red			. ,		27.5
Whole Mud Al		om		2.2		2.1	9.95x5		74'	276.0		9.74		Total o		-	35	48.9
Excess Lime (	,	`		2.9 ppb		2.7 ppb	9.95x6.		62'	359.9		9.93	Est. Los		•			0.0
Electrical Stab				505 v		525 v	9.95x8	5	73'	583.5	5 turb	10.41		I	1	CS DA		) (
Average Spec			S	2.83 6.6%		2.79 7.2%							Bit H.S.I. 1.75	Bit		Nozzle	`	
Percent Low Crow		iius		55 ppb		60 ppb							1.75	Noz	psi	14	14	14
ppb Low Grav Percent Barite				2.5%		2.4%							Bit Impact Force	Velo	city	16	16	16
ppb Barite	;			36 ppb		35 ppb	BIT D	ΔΤΔ	Ma	ınuf./Typ	a I lita	raSPL613	3 743 lbs	(ft/s	´  -	10	10	10
Estimated Tot	al I CM in	System	ppb	oo bbn		oo bbn	Size	Depth In			Footage	ROP ft/h				. Circ.	Pres	SUFE
Sample Taker		Cyclom	PPP	Chris Beasley	0	P. Blair	9 7/8	3,523 ft			7,499 ft	156.2	4,773			6,009		00.0
Remarks/Reco		ons:		,			Rig Activity:	5,525 11			-,	1	.,			-,	F	
OBM REC			bbls				l											
		_,575	DDIS															
Mainting N	/IW 9.6						_						Drilled T/1			•	_	ıh
													k, no flow. check, no f					lan
							to run log											
Eng. 1:	Patrick Blai	ir E	ng. 2: Chris	s Beasley	WH 1:	MIDLA	ND V	NH 2:	WH #:	2	Rig Pho	ne:	Daily Total		Cu	ımulati	ve Co	st
Phone: 9	36-465-09	52 P	hone: 903-7	747-5377	Phone:	432-686		hone:	-	rain has '					_	0.F		
W P Y 1 1 1	E C 1 1	g G 1 1	H O 1 1	carefully	and may be	e used if the	ation, expressed user so elects, this is a recomm	however, no	repres				\$7,751.10	,	<b>\$</b>	35,73	ა.53	
														_				

INCLUDING 3RD PARTY CHARGES

\$23,734.36

\$79,906.95

Date <b>08/05/21</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a RON	na No. IMEL UNIT	3H	Rig Name an		t No. <b>Repc</b>	ort #5
	DAILY	USAGE 8	& COST					Cl	JMUI	LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cu	ım	Cum Cos
			Inventory	received	Inventory	Usage	Daily Gost	Usa	_	
SAPP (50)	50# sk	\$44.56			93 29			ı	54 1	
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00			29			ı	1	\$41.36
NEW GEL (PREMIUM)	gal 100# sk	\$14.00						ı <del>                                    </del>		
ALUMINUM TRISTEARATE	25# sk	\$162.83						ı		
SOAP STICKS (ea)	each	\$7.00	80		80			ı	77	\$539.00
SAPP STICK (ea)	each	\$11.25	80		80			1	77	\$866.25
CACL2 (50)	50# sk	\$14.32	168		168			ı <u> </u>		
LIME (50)	50# sk	\$5.00	350		325	25	\$125.00		75	\$375.0
OPTI - G	50# sk	\$30.59	140		140			ı	20	\$611.8
BENTONE 38 (50)	50# sk	\$163.94	63		63			ı		
BENTONE 910 (50)	50# sk	\$59.40	62		56	6	\$356.40		11	\$653.4
BENTONE 990 (50)	50# sk	\$83.59	62		62				12	. ,
OPTI - MUL	gal	\$10.75	495		385	110	\$1,182.50		220	- '
OPTI - WET	gal	\$8.34	470		470			ı —	120	
NEW PHALT	50# sk	\$38.72	130		120	10		ı	30	· /
DIL SORB (25)	25# sk	\$4.75	44		40	4	\$19.00		4	\$19.0
NEW CARB (M)	50# sk	\$5.25	259		255	4	\$21.00	ı   <u> </u>	4	\$21.00
CYBERSEAL	25# sk	\$21.47						ı		
MAGMAFIBER F (25)	25# sk	\$28.05	144		144			ı   <u> </u>		
MAGMAFIBER R (30)	30# sk	\$28.05						ı		
/ARISEAL	50# sk	\$26.50						ı <u> </u>		
BER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04						ı <u> </u>		
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64			ı <u> </u>		
								ı 📖		
NEW WATE (SACK BARITE)	100# sk	\$11.50			80					
BARITE BULK (100)	100# sk	\$7.00	1600		1600			ı 📙		
								ı 📙		
								ı		
								ı		
								ı		
								<u> </u>		
OPTI DRILL (OBM)	bbl	\$65.00	3130	474	3549	55	\$3,575.00		229	\$14,885.0
DISCOUNTED OBM	bbl	\$15.00								
								-		
ENGINEERING (24 HR)	each	\$925.00				2	\$1,850.00		8	\$7,400.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		8	\$240.0
ENGINEERING (MILES)	each	\$1.00				175			625	\$625.0
ORKLIFT WITH OPERATOR	each	\$125.00							1	\$125.0
	1 .	\$2.65	l l				l	1		
	each	Ψ2.00						' <u> </u>		
RUCKING (min)	each each	\$795.00							1	\$795.0
RUCKING (min) PALLETS (ea)									26	\$312.0
TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each	\$795.00								

Diesel Transfer F/Rommel 4H   gal   \$2.39	Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
No.   No.   No.   Pre-color   Received   Color   Col	08/05/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Г 3Н	24	48	Repo	ort #5
Dieset Transfer FRendood A1M		DAILY	USAGE 8	k COST						CUMUI	ATIVE
Deed Transfer FRenhand AIH	Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DESECTION 21 94 52.34 2475 2270 227 4373 51.19.78 71.99 \$15.94 71.99 \$	Diesel Transfer F/Rommel 4H	gal	\$2.39								
Decel 720	Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
Deleted 7000 gal 08 4-2021 gal	DIESEL 08/03/21	gal	\$2.34	2475			2475	\$5,791.50		7199	\$16,845.66
Daily Sub-Total \$15,983.26	Diesel 7200	gal	\$2.32	7200		2807	4393	\$10,191.76		4393	\$10,191.76
	Diesel 7000 gal 08-04-2021	gal	\$2.32		7000	7000					
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<u> </u>						Daily Su	ıb-Total \$1	5,983.26		\$44,1	73.42
Cumulative Total AES & 3rd Party \$79,906.95							•			,	
Cumulative Total AES & 3rd Party \$79,906.95							Ì				
		Cum	ulative Tota	I AES & 3rd	Party \$79,	906.95					
							1				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

Well Name:

MAGNOLIA OIL & GAS

248

					WEEK 1							WEEK 2							WEEK 3					
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21		8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21		
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon		
	Bit Size	9 7/8	9 7/8	9 7/8													1							
Grand	Starting Depth	3,523	5,494	9,445	11,022																			
	Ending Depth	5,494	9,445	11,022	,-																			
	Footage Drilled	1,971	3,951	1,577	-	_	_	_	_	-	-	_	_	_	-		_	_	_	_	-	_		
	New Hole Vol.	189	374	149	_		-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	-		
	Starting System Volume	3,304	3,277	3,130	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549		
	Chemical Additions	2	7		0,040	0,0-10	0,040	0,040	0,040	0,0-10	0,040	0,010	0,040	0,040	0,010	0,0-10	0,010	0,040	0,0-10	0,040	0,040	0,010		
	Base Fluid Added	117	173	166																				
	Barite Increase	117	173	100																				
	Weighted Mud Added			474																				
	Slurry Added																							
	Water Added	25	20	25																				
	Added for Washout																							
	Total Additions	144	200	667	-	-	_	_				_		_	_		_	-	-	_	-			
	Surface Losses		200																					
	Formation Loss	1																						
	Mud Loss to Cuttings	104	206	81																				
	Unrecoverable Volume	27	100	128																				
	Centrifuge Losses	40	41	40																				
					l .		1	I.		1		1	1	1	I.		1	I	I	1	l .	1		
767	Total Losses	171	347	249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	Mud Transferred Out																							
3,549	Ending System Volume	3,277	3,130	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549	3,549		
-	Mud Recovered																							
	•			C	omment	s <i>:</i>					C	omment	s:					С	omment	s:				
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21								
3,778		8/4/21							8/11/21							8/18/21								
	_	8/5/21	474 BBLS	14 # recei	ved from mi	ud plant			8/12/21							8/19/21								
		8/6/21							8/13/21							8/20/21								
		8/7/21							8/14/21							8/21/21								
		8/8/21							8/15/21							8/22/21								
		8/9/21							8/16/21							8/23/21								

0' TVD

110 Old Market St. St Martinville, LA 70582

# **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

0.0°

Operator MAGI	NOLIA (	OIL & G	SAS	Contractor PA	TERSO	ON	County / Parish /	Block HINGTON		ingineer St	art Date <mark>7/14/21</mark>	24 hr	o ft		Drilled D	Depth 11,02	2 ft	
Well Name and No.	MMEL	UNIT 3	Н	Rig Name ar	nd No. <b>248</b>		State <b>TE</b>	EXAS	S	pud Date	//14/21	Curre	ot ROP  Oft/hr		Activity	0		
Report for BRANDON	I PARK	S/JAME	ES DYER	Report for	ol Pusi	ner	Field / OCS-G #	NGS (AC		luid Type	ОВМ	Circul	ating Rate		Circulati	ing Press		
			RTY SPECIF					LUME (BB	-		UMP #1		PUMP #2	-	RISE	ER BO		ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	-	Liner Siz	ze 5	25 Line	r Size 5.	25	Liner	Size		
8.8-9.7	10-20	8-20	>350	±280K	<10 <15	<10	In Hole	111:	2 bbl	Stroke		12 Str	oke 1	2	Stro	ke		
			1	8/6/21		8/5/21	Active	544	bbl	bbl/stk	0.0	763 bb	l/stk 0.0	763	bbl/s	stk	0.00	000
Time Sample	Taken			0:30		14:00	Storage	186	3 bbl	stk/mir	ո 1	30 stk	/min 13	30	stk/r	nin		
Sample Locati	ion			pit		pit	Tot. on Lo	cation 351	9 bbl	gal/mir	ո 4	17 ga	l/min 4	17	gal/r	min	C	)
Flowline Temp	perature °I	 F						PHHP = 0			CIRCUI	ATION DA	ATA		n = 0	.666 K	= 23	2.967
Depth (ft)				11,022'		11,022'	Е	Bit Depth =	1		Wash	out = 5%		Pump	Efficie	ency =	95%	,
Mud Weight (p	opg)			9.7		9.6	Drill String	Volume	to Bit	0.0 bb	ol St	rokes To Bi	t 0	-	Time T	o Bit	0 m	nin
Funnel Vis (se	ec/qt)		@ 92 °F	49		49	Disp.	Bottoms U	p Vol.	0.0 bb	l Bott	omsUp Stks	. 0	Bottor	msUp <sup>·</sup>	Time	0 m	nin
600 rpm				46		46	0.0 bbl	Riser Anr	n. Vol.	0.0 bb	ol R	iser Strokes	. 0	Riser	r Circ.	Time	0 m	nin
300 rpm				29		29		DRILLING	3 ASSE	MBLY	DATA		s	OLIDS	S CON	ITROL		
200 rpm				22		22	Tubulars	OD (in.)	ID (i	in.)	Length	Тор	Unit		Scre	ens	Но	urs
100 rpm				15		15	Drill Pipe				0'	0'	Shaker	1	14	0		
6 rpm				8		8	Hevi Wt					0'	Shaker	2	14	0		
3 rpm				7		7	Collars					0'	Shaker	3	14	0		
Plastic Viscos	ity (cp)		@ 150 °F	17		17	Dir. BHA					0'	Desand	ler				
Yield Point (lb/	/100 ft²)		T0 = 6	12		12		CASIN	G & H	OLE DA	TA		Desilte	er				
Gel Strength (	lb/100 ft²)	10	sec/10 min	8/11		8/12	Casing	OD (in.)	ID (i	in.)	Depth	Тор	Centrifug	je 1				
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	15		16	Riser	20			108'		VOLUN	IE AC	COUN	ITING	(bbl	s)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	7.0		7.0	Surface	10 3/4	9.9	50	3,518'	108'	Prev. T	otal o	n Loca	ation	35	548.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred Ir	n(+)/O	ut(-)		
Retort Solids (	Content			12.5%		12%	Washout 1							Oil	Adde	d (+)		0.0
Corrected Soli	ids (vol%)			9.6%		9.2%	Washout 2						1	Barite	Adde	d (+)		0.0
Retort Oil Con	itent			60%		61%	Oper	Hole Size	10.3	869	11,022'		Other Pr	oduct	Usage	e (+)		0.0
Retort Water (	Content			27.5%		27%	ANI	NULAR GE	ОМЕТ	RY & R	HEOLO	3Y	\	Nater	Adde	d (+)		
O/W Ratio				69:31		69:31	annulai	r me	as.	velocit	y flow	ECD	Le	ft on C	Cutting	js (-)		0.0
Whole Mud Cl	hlorides (r	ng/L)		70,000		70,000	section	de	pth	ft/min	reg	lb/gal		(	Centri	fuge		
Water Phase	Salinity (p	pm)		285,280		289,036							Non-Rec	overal	ble Vo	ol. (-)	-	-30.1
Whole Mud Al	kalinity, P	om		2.0		2.1							Est. T	otal o	n Loca	ation _	35	518.7
Excess Lime (	lb/bbl)			2.6 ppb		2.7 ppb							Est. Los	ses/Ga	ains (-	)/(+)		0.0
Electrical Stab	ility (volts	)		510 v		511 v							BIT	HYDR	AULI	CS DA	TA	
Average Spec	ific Gravit	y of Solids	s	2.85		2.90							Bit H.S.I.	Bit .	ΔΡ	Nozzle	s (32	2nds)
Percent Low C	Gravity So	lids		6.9%		6.3%							1.77	279	psi	14	14	14
ppb Low Grav	ity Solids			57 ppb		52 ppb							Bit Impact	Noz Velo		14	14	14
Percent Barite	)			2.8%		2.9%							Force	(ft/s	-	16	16	16
ppb Barite				40 ppb		41 ppb	BIT D	ATA	Man	uf./Type	e Ulte	raSPL613	751 lbs	17	<b>'</b> 9			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Hou	urs F	ootage	ROP ft/hr	Motor/M	WD	Calc.	Circ.	Pres	sure
Sample Taker	п Ву			Chris Beasley	0	P. Blair	9 7/8	3,523 ft	48.	.0	7,499 ft	156.2	4,773 μ	osi		5,121	psi	
Remarks/Reco	mmendati	ons:					Rig Activity:											
OBM REC	EIVED: 2	2,975 I	bbls															
Mainting N	//W 9.6						HWDP a	nd 2- 6" D	rill coll crew,	lars. B R/U sa	reak/L/[ ame. At	) bit and N tempt to N	1 joint HWI I/U new mo I/U donut,	otor a	nd ra	ck bad	k.	
3	Patrick Bla		•	Beasley	WH 1:	MIDLA	-		WH #2		Rig Pho	ne:	Daily Total		Cu	mulativ	e Co	ost
Phone: 9	36-465-09 E C	52 P g G	hone: 903-7			recommend	ation, expresse						\$3,990.00		\$:	39,72	3.53	
1 1 1	1 1	1 1	1 1				user so elects, this is a recomm			ntation is	made as t	o the	, - ,			- ,		

INCLUDING 3RD PARTY CHARGES

\$3,990.00

\$83,896.95

Date <b>08/06/21</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a	MEL UNIT	3H	Rig Name ar	10 No. <b>48</b>	Report No. Repo	ort #6
		USAGE 8					•			LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
SAPP (50)	50# sk	\$44.56	Inventory 93		Inventory 93	Usage			Usage 54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36			29				1	\$41.36
EVO-LUBE	gal	\$14.00								ψσ
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SOAP STICKS (ea)	each	\$7.00	80		80				77	\$539.00
SAPP STICK (ea)	each	\$11.25	80		80				77	\$866.25
CACL2 (50)	50# sk	\$14.32	168		168					
LIME (50)	50# sk	\$5.00	325		325				75	\$375.00
OPTI - G	50# sk	\$30.59	140		140				20	\$611.80
BENTONE 38 (50)	50# sk	\$163.94	63		63					
BENTONE 910 (50)	50# sk	\$59.40	56		56				11	\$653.40
BENTONE 990 (50)	50# sk	\$83.59	62		62				12	. ,
OPTI - MUL OPTI - WET	gal	\$10.75	385 470		385 470				220	
NEW PHALT	gal 50# sk	\$8.34 \$38.72	120		120			1	120 30	
OIL SORB (25)	25# sk	\$4.75	40		40				4	\$19.00
NEW CARB (M)	50# sk	\$5.25	255		255			]	4	\$21.00
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	144		144					
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50						-		
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04 \$10.28	40		40			-		
MICA F (50)  GRAPHITE POWDER F (50)	50# sk	\$10.28 \$24.14	40 64		40 64					
GIVALILLE FOWDER F (50)	5U# SK	φ∠4.14	04		04		1	1		
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$11.50			1600			-		
DATALL DOLK (100)	100# SK	φ1.00	1000		1000			1		
								1		
OPTI DRILL (OBM)	bbl	\$65.00	3549		3519	30	\$1,950.00		259	\$16,835.00
DISCOUNTED OBM	bbl	\$15.00								
	351	ψ10.00								
ENGINEERING (24 HR)	each	\$925.00							0	\$7,400.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	1	10	
ENGINEERING (MILES)	each	\$1.00					. φυσ.υσ	1	625	\$625.00
ENGINEERING	each	\$990.00				2	\$1,980.00		2	
FORKLIFT WITH OPERATOR	each	\$125.00							1	\$125.00
TRUCKING (cwt)	each	\$2.65					<u>L</u>			
TRUCKING (min)	each	\$795.00						]	1	\$795.00
PALLETS (ea)	each	\$12.00						]	26	\$312.00
SHRINK WRAP (ea)	each	\$12.00							24	\$288.00
		Daily S	ub-Total \$3	,990.00	Cumulati	ve Total \$	39,723.53		\$39,7	23.53

Date		Well Name a	and No.		Rig Name an	d No.	Report No.			
08/06/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	rt #6
	DAILY	USAGE 8	& COST						CUMUL	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32	2807		2807				4393	\$10,191.76
Diesel 7000 gal 08-04-2021	gal	\$2.32	7000		7000					
							1			
	·								\$44,1	73.42
									Ψ-7-7, Ι	
					1					
	Cum	ulative Tota	I AES & 3rd	Party \$83	,896.95					
						İ				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1				1			WEEK 2				1			WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8																	
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022																
Totals	Ending Depth	5,494	9,445	11,022	11,022	,																
			<u> </u>																			
	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
/12	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519
	Chemical Additions	2	7																			
	Base Fluid Added	117	173	166																		
-	Barite Increase																					
	Weighted Mud Added			474																		
	Slurry Added																					
	Water Added	25	20	25																		
-	Added for Washout																					
1,011	Total Additions	144	200	667	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
391	Mud Loss to Cuttings	104	206	81																		
285	Unrecoverable Volume	27	100	128	30																	
121	Centrifuge Losses	40	41	40																		
797	Total Losses	171	347	249	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
_	Mud Transferred Out																					
3 510	Ending System Volume	3,277	3,130	3,549	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519	3,519
3,010	Mud Recovered	0,2	0,.00	0,0-10	0,010	0,010	0,010	0,010	0,010	0,0.0	0,010	0,010	0,010	0,0.0	0,010	0,010	0,0.0	0,0.0	0,0.0	0,010	0,010	0,010
-	Mud Recovered		ļ.									l .										
				С	omment	s:					C	omment	s:					С	omment	s <i>:</i>		
		8/3/21	2975 bbls casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21						
3,778		8/4/21							8/11/21							8/18/21						
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21							8/19/21						
		8/6/21							8/13/21							8/20/21						
		8/7/21							8/14/21							8/21/21						
		8/8/21							8/15/21							8/22/21						
		8/9/21							8/16/21							8/23/21						

Report #7

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0° 0' TVD

Operator  MAG  Well Name and No	NOLIA (	OIL &	GAS	Contractor PAT Rig Name ar	TTERSO	ON		Block	N	Engineer St  07  Spud Date	tart Date	1	24 hr ftg.	0 ft		Drilled D		22 ft	
	MMEL !	UNIT	3H	Rig Name ar	248		State TF	EXAS			7/14/2		Current	0 ft/hr		Activity	C	)	
Report for				Report for			Field / OCS-G #			Fluid Type			Circulati			Circulat			_
Kevin	Burt/Ke	evin C	cooper	To	ol Push	ner	GIDDII	NGS (AC	C)	(	OBM			0 gpm			р	si	
	MUD	PROPI	ERTY SPECIF	ICATION	s		MUD VO	LUME (BE	BL)	PI	UMP#	1	ļ	PUMP #2		RISI	ER B	OOSTE	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	662	2 bbl	Liner Siz	ze	5.25	Liner	Size 5.	25	Liner	Size		
8.8-9.7	10-20	8-20	>350	±280K	<10 <15	<10	In Hole	507	7 bbl	Stroke	•	12	Strol	ke 1	2	Stro	ke		
				8/7/21		8/6/21	Active	662	2 bbl	bbl/stk	< 0	.0763	bbl/s	stk 0.0	763	bbl/	stk	0.000	00
Time Sample	Taken			0:30		14:00	Storage	229	9 bbl	stk/mir	n		stk/n	nin		stk/r	min		
Sample Locat	ion			pit		pit	Tot. on Loc	cation 346	8 bbl	gal/mir	n	0	gal/n	nin (	)	gal/r	min	0	
Flowline Temp	perature °F	F						PHHP = 0		ı	CIRC	JLATIO	N DAT	Ά		n = 0	.684	K = 199.	.903
Depth (ft)				11,022'		11,022'	Е	Bit Depth =	•		Wa	shout =	5%	ı	Pump	Efficie	ency =	= 95%	
Mud Weight (	opg)			9.6		9.7	Drill String	Volume	to Bit	0.0 bb	ol .	Strokes 1	Γο Bit	l.		Time T	o Bit		
Funnel Vis (se	ec/qt)		@ 92 °F	48		49	Disp.	Bottoms U	lp Vol.	0.0 bb	ol Bo	ottomsUp	Stks		Bottor	msUp	Time		
600 rpm				45		46	0.0 bbl	TotalCi	rc.Vol.	662.0 b	obl	TotalCirc	.Stks		Tota	l Circ.	Time		
300 rpm				28		29		DRILLING	G ASS	SEMBLY	DATA			S	OLIDS	S CON	NTRO	L	
200 rpm				21		22	Tubulars	OD (in.)	ID	(in.)	Length	Тс	р	Unit		Scre	ens	Hour	rs
100 rpm				14		15	Drill Pipe				0'	0	)'	Shaker	1	14	0	24.0	)
6 rpm	<u> </u>			7		8	Hevi Wt					0	)'	Shaker	2	14	0	24.0	)
3 rpm	-			6		7	Collars					0	)'	Shaker	3	14	0	24.0	)
Plastic Viscos	ity (cp)		@ 150 °F	17		17	Dir. BHA					0	)'	Desand	er				
Yield Point (lb	/100 ft²)		T0 = 5	11		12		CASIN	IG & I	HOLE DA	ATA			Desilte	er				
Gel Strength (	[lb/100 ft²)	,	10 sec/10 min	7/10		8/12	Casing	OD (in.)	ID	(in.)	Depth	To	р	Centrifug	je 1				
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	14		16	Riser	20						VOLUM	IE AC	COUN	NTING	(bbls	)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.0		7.0	Surface	10 3/4	9.	950	3,518'	0	)'	Prev. T	otal o	n Loca	ation	351	8.7
HTHP Cake T	hickness (	(32nds)	1	2.0		2.0	Int. Csg.	7 5/8	6.	875	11,014	' 0	)'	Transfe	rred I	n(+)/O	ut(-)		
Retort Solids	Content			11.5%		12%	Washout 1								Oil	Adde	d (+)	3	88.0
Corrected Sol	ids (vol%)			8.6%		9.2%	Washout 2							1	Barite	Adde	d (+)		0.0
Retort Oil Cor	ntent			61.5%		61%	Oper	Hole Size	10	.369	11,022	'		Other Pr	oduct	Usag	e (+)		0.0
Retort Water	Content			27%		27%	ANI	NULAR GE	ОМЕ	TRY & R	HEOL	OGY		١	Vater	Adde	d (+)		
O/W Ratio				69:31		69:31	annular	· me	eas.	velocit	ty flo	w EC	D	Le	ft on C	Cutting	gs (-)		0.0
Whole Mud C	hlorides (n	ng/L)		69,800		70,000	section	de	epth	ft/min	re	g lb/g	gal			Centri	fuge		
Water Phase	Salinity (pp	pm)		288,448		289,036								Non-Rec	overa	ble Vo	ol. (-)	-8	39.2
Whole Mud A	lkalinity, Po	om		2.0		2.1								Est. T	otal o	n Loca	ation	346	7.5
Excess Lime (	(lb/bbl)			2.6 ppb		2.7 ppb								Est. Los	ses/G	ains (-	·)/(+)		0.0
Electrical Stat	oility (volts)	)		506 v		511 v								BIT	HYDR	RAULI	CS D	ATA	
Average Spec	ific Gravity	y of Sol	ids	2.96		2.96								Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32n	ids)
Percent Low 0	Percent Low Gravity Solids			5.6%		6%								0.00	p	osi	14	14	14
ppb Low Grav	opb Low Gravity Solids			46 ppb		49 ppb							[E	Bit Impact	Noz Velo		14	14	14
Percent Barite	Percent Barite			3%		3.2%								Force	(ft/s	-	16	16	16
ppb Barite	opb Barite			43 ppb		46 ppb	BIT D	ATA	Ма	anuf./Type	e U	teraSPL	.613	0 lbs	C	)			
Estimated Tot	Estimated Total LCM in System ppt						Size	Depth In	Н	ours F	Footag	e ROP	ft/hr	Motor/M\	WD	Calc.	Circ.	Pressu	ure
Sample Taker	Sample Taken By				0	P. Blair	9 7/8	3,523 ft	4	8.0	7,499 f	t 156	6.2	4,773 p	osi				
																			_

Remarks/Recommendations:

OBM RECEIVED: 2,975 bbls

OBM TRANSFERRED: 3468 bbls

Rig Activity:

Intermediate casing was ran to 11014'. R/D casing equipment and R/U cement. Circulated 1.5 casing capacity. Pumped 40 BBLS weighted spacer, 325 BBLS of lead cement, 78 BBLS tail. Drop plug and Displaced with 502 BBLS OBM. Slowed last 20 BBLS bump plug 50 PSI over. 47 BBLS of spacer/cement dumped. R/D cement head, cir iron, landing joint and casing bells/elevators. R/U stream flo wash tool, M/U pack off and test T/5K. Pull test 20k over. Cut & slip 5 wraps of drill line. Change out casing rams T/variables on stack. Break stack and sescure w well cap. Prepare to Skid.

Е	ng. 1:	-	Patric	k Blai	ir	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	9	36-46	5-095	52	Ph	one:	903-7	47-5377	Phone:	432-686-7361	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 s		, no representation	nas been prepared on is made as to the	\$5,605.00	\$45,328.53
												INCLUDI	NG 3RD PAR	TY CHARGES	\$9,312.36	\$93,209.31

SAPP STECK (rea)  Solve M. S11.25  Solve	Date <b>08/07/21</b>	Operator MAGI	NOLIA OIL		Well Name a	IND NO. MMEL UNIT	Г ЗН	Rig Name ar	d No. <b>48</b>	Report No. Repo	ort #7
Septembro		DAILY	USAGE 8	& COST	•					CUMUI	LATIVE
Monte   Mont	Item			1	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
SPAN DIALOG (Span)				-		Inventory	Usage	Daily Goot			
EVALUATE OF SET ALL STATES OF			· ·							-	
NEW CELL PREMIUM (1907)		<del></del>		23	-23					<u>'</u>	ψ41.50
SOAP BITCK (sea)			1								
SAPP STICK (66)	,										
CACCLY (MO)    EMP of M   314.20   160   1	SOAP STICKS (ea)	each	\$7.00	80	-80					77	\$539.00
IMME (B)	SAPP STICK (ea)	each	\$11.25	80	-80					77	\$866.25
IMME (B)	CACL 2 (50)	50# ck	¢14.22	169	160						
OPTI-G										75	\$375.00
SENTONE 910 50	, ,		· ·								\$611.80
SENTONE 990 (90)	BENTONE 38 (50)	50# sk	\$163.94	63	-63						
OPT1 - MILL	BENTONE 910 (50)	50# sk	\$59.40	56	-56					11	\$653.40
DPTVET	BENTONE 990 (50)	50# sk	\$83.59	62	-62					12	\$1,003.08
NEW HALT  OIL SORB (20)  256 98  34.75  40  40  40  40  40  40  40  40  40  4		gal									\$2,365.00
OIL SORB (20)											<u> </u>
NEW CARES (M)  Size sk  CONGENSION  Size sk  Siz			1								<u> </u>
CYBERSEAL 28# 84 S21.47	OIL SORB (29)	25# SK	\$4.75	40	-40					4	\$19.00
CYBERSEAL 28# 84 S21.47											
CYBERSEAL 28# 84 S21.47	NEW CARB (M)	50# sk	\$5.25	255	-255					4	\$21.00
MAGNAMPIER R (30)  AVARISEAL  OP 18	CYBERSEAL	25# sk	\$21.47								
VARISEAL   500 sk   \$25.50	MAGMAFIBER F (25)	25# sk	\$28.05	144	-144						
FIREE PLUG  909-84  \$10.02  SOB 85  \$10.02  \$10.00  \$1	MAGMAFIBER R (30)	30# sk	\$28.05								
NUT PLUS M (50)											
MICA F (50)											
GRAPHITE POWDER F (50)			1								
NEW WATE (SACK BARITE)  100# sk	, ,										
BARTE BULK (100)	GRAPHITE POWDER F (50)	50# sk	\$24.14	64	-64						
BARTE BULK (100)											
BARTE BULK (100)											
BARTE BULK (100)											
BARITE BULK (100)	NEW WATE (SACK BARITE)	100# sk	\$11.50	80	-80						
DISCOUNTED OBM   bbl   \$15.00		100# sk	\$7.00	1600	-1600						
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
ENGINEERING (24 HR) each \$925.00	OPTI DRILL (OBM)	bbl	\$65.00	3519	-3468		51	\$3,315.00		310	\$20,150.00
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (DIEM) bbl \$30.00	DISCOUNTED OBM	bbl	\$15.00								
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00			<del>                                     </del>								
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00			1								
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00											
ENGINEERING (DIEM) bbl \$30.00	ENGINEEDING (ALLE)		0000								<b>67.42</b>
ENGINEERING (MILES)							_	#00 0°			
ENGINEERING each \$990.00 2 \$1,980.00 4 \$3,960.00			1							-	
FORKLIFT WITH OPERATOR each \$125.00	, ,	+									
TRUCKING (cwt)       each       \$2.65	LIVOHVELIMING	eacn	φσσυ.υ0					ψ1,900.00		4	ψ3,900.00
TRUCKING (cwt)       each       \$2.65	FORKLIFT WITH OPERATOR	each	\$125.00							1	\$125.00
TRUCKING (min)       each       \$795.00       1       \$795.00         PALLETS (ea)       each       \$12.00       26       \$312.00         SHRINK WRAP (ea)       each       \$12.00       24       \$288.00											7.20.00
PALLETS (ea)         each         \$12.00         26         \$312.00           SHRINK WRAP (ea)         each         \$12.00         24         \$288.00										1	\$795.00
SHRINK WRAP (ea) each \$12.00 24 \$288.00										26	\$312.00
Daily Cub Tatal & Consulative Tatal Att 200 F0	SHRINK WRAP (ea)	each	\$12.00							24	\$288.00
			D-11 -	ub Tar-1 *-			ivo Tarat	4E 200 F2		A 15 -	

Date	ınd No.		Rig Name ar	ıd No.	Report No.					
08/07/21	MAG	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	ort #7
	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 Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32	2807	-1209		1598	\$3,707.36		5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32	7000	-7000						
								] [		
								<u> </u>		
								1		
		1								
								-		
								-		
								<b> </b>		
								<b> </b>		
					Daily S	ub-Total \$3	3,707.36		\$47,8	80.78
						_		. L		
	Cum	ulative Tota	I AES & 3rd	Party \$93	,209.31					
	Juli				,					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

		WEEK 1 WEEK 2													I			WEEK 3					
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21	
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8																		
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022																
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022																	
	Footage Drilled	1,971	3,951	1,577	-	-	-	_	-	-	-		-	-	-	-	_	_	_	-	-	-	
	New Hole Vol.	189	374	149	_	_	_	_	<u> </u>		_	_			_		_	_	<u> </u>	_		-	
712	Starting System Volume	3,304	3,277	3,130	3,549	3,519	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	-	
44	Chemical Additions	2	7		3,343	3,313	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	
	Base Fluid Added	117	173	166		38			1													$\vdash$	
	Barite Increase	117	173	100		30																	
	Weighted Mud Added			474																			
	Slurry Added			7/7																		<del>                                     </del>	
	Water Added	25	20	25																		<del>                                     </del>	
-	Added for Washout																						
1,049		144	200	667	-	38	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
1,043	Surface Losses	177	200	007	_	30	_	_	_		_				_	_	_	_	_	_			
-	Formation Loss																					<del> </del>	
	Mud Loss to Cuttings	104	206	81																		<del> </del>	
	Unrecoverable Volume	27	100	128	30	89			1													$\vdash$	
	Centrifuge Losses	40	41		30	09			1													$\vdash$	
121	Centinuge Losses	40	41	40																			
886	Total Losses	171	347	249	30	89	-	-	-	-	-	-	-	-	-								
-	Mud Transferred Out																						
3,468	Ending System Volume	3,277	3,130	3,549	3,519	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	3,468	
-	Mud Recovered																						
				C	omment	s:					С	omment	s:					С	omment	s:			
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	329 bbls wa	s in the	8/10/21							8/17/21							
	7								-														
3,778		8/4/21							8/11/21							8/18/21							
		8/5/21	474 BBLS	i 14 # recei	ved from m	ud plant			8/12/21							8/19/21							
		8/6/21							8/13/21							8/20/21							
		8/7/21	2961 BBL	S Transferi	red T/ Romi	mel Unit 4H	H. 507 Left	in casing.	8/14/21							8/21/21							
		8/8/21							8/15/21							8/22/21							

Report #8

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

0.0°

0' TVD

TEL: (337) 394-1078

Operator MAG	NOLIA (	OIL & G	SAS	Contractor PA	TERSO	ON	County / Parish / WASH	HINGTON		ngineer Start Da <b>07/14</b>		24 hr ft	9. O ft		ed Depth 11,0	)22 ft
Well Name and No				Rig Name ar			State		Sp	pud Date		Current		Act	•	
Report for	MMEL	UNIT 3	H	Report for	248		TE Field / OCS-G #	EXAS	FI	07/14 uid Type	/21	Circula	0 ft/hr	Circ	Trip	ping
· ·	Burt/Ke	vin Co	oper		ol Pusi	ner		NGS (AC		ОВ	М	Oircula	0 gpm		ŭ	osi
	MUD	PROPER	RTY SPECIF	ICATION	s		MUD VO	LUME (BBL	_)	PUMF	P #1		PUMP #2	F	ISER E	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	575	bbl	Liner Size	4.75	Liner	Size 4.	75 Li	ner Size	
8.8-10	10-20	6-20	>350	±330K	<10 <15	<10	In Hole	506	bbl	Stroke	12	Stro	oke 1	2	Stroke	
			•	8/12/21		8/11/21	Active	575	bbl	bbl/stk	0.0625	bbl	/stk 0.00	625	obl/stk	0.0000
Time Sample	Taken			0:30		13:00	Storage	2294	bbl	stk/min	0	stk/	min (	) :	tk/min	
Sample Locat	ion			pit		pit	Tot. on Loc	cation 3375	bbl	gal/min	0	gal/	min (	) (	al/min	0
Flowline Temp	perature °F							PHHP = 0	•	CIF	CULATIO	N DA	TA	n	= 0.715	K = 230.783
Depth (ft)				11,022'		11,022'	Е	Bit Depth = '	1	V	Vashout =	5%	ŀ	Pump Ef	iciency	= 95%
Mud Weight (	opg)			10.2		9.9	Drill String	Volume	to Bit	0.0 bbl	Strokes	To Bit	•	Tin	ie To Bit	
Funnel Vis (se	ec/qt)		@ 113 °F	80		44	Disp.	Bottoms Up	Vol.	0.0 bbl	BottomsUp	Stks		Bottoms	Jp Time	
600 rpm				64		36	0.0 bbl	TotalCirc	.Vol.	575.0 bbl	TotalCiro	.Stks		Total C	rc. Time	
300 rpm				39		21		DRILLING	ASSE	MBLY DAT	ΓΑ		S	OLIDS C	ONTRO	DL
200 rpm				30		15	Tubulars	OD (in.)	ID (ii	n.) Len	gth T	op	Unit	S	creens	Hours
100 rpm				20		9	Drill Pipe			0	' (	)'	Shaker	1	170	0.0
6 rpm				8		5	Hevi Wt				(	)'	Shaker	2	170	0.0
3 rpm				7		4	Collars				(	)'	Shaker	3	170	0.0
Plastic Viscos	ity (cp)		@ 150 °F	25		15	Dir. BHA				(	)'	Desand	er		
Yield Point (lb	/100 ft²)		T0 = 6	14		6		CASING	3 & HC	DLE DATA			Desilte	r		
Gel Strength (	(lb/100 ft²)	10	sec/10 min	9/10		6/10	Casing	OD (in.)	ID (ir	n.) Dep	oth T	ор	Centrifug	e 1		
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	12		13	Riser	20					VOLUM	E ACCC	UNTIN	G (bbls)
HTHP Filtrate	(cm/30 mi	n)	@ 300 °F	5.6		6.8	Surface	10 3/4	9.95	50 3,5	18' (	)'	Prev. T	otal on L	ocation	3467.5
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.87	75 11,0	14' (	)'	Transfe	rred In(+	)/Out(-)	2915.0
Retort Solids	Content			14.5%		13.5%	Washout 1							Oil Ad	ded (+)	1.3
Corrected Sol	ids (vol%)			11.7%		10.6%	Washout 2						E	Barite Ad	ded (+)	0.0
Retort Oil Cor	ntent			60.5%		64.5%	Oper	Hole Size	0.00	00 11,0	22'		Other Pr	oduct Us	age (+)	5.3
Retort Water	Content			25%		22%	ANI	NULAR GE	OMET	RY & RHEC	LOGY		١	Vater Ad	ded (+)	
O/W Ratio				71:29		75:25	annular	l l		velocity		D.	Let	ft on Cut	tings (-)	0.0
Whole Mud C	hlorides (n	ng/L)		68,000		70,000	section	dep	oth	ft/min	reg lb/	gal		Transfer	red Out	-2960.0
Water Phase	Salinity (pp	om)		298,993		332,860							Non-Rec	overable	Vol. (-)	-54.5
Whole Mud A	lkalinity, Po	om		3.5		1.8							Est. T	otal on L	ocation	3374.7
Excess Lime (	(lb/bbl)			4.6 ppb		2.3 ppb							Est. Loss	ses/Gain	s (-)/(+)	0.0
Electrical Stat	oility (volts)	1		446 v		609 v								HYDRAI	JLICS [	DATA
Average Spec	cific Gravity	of Solids	S	3.07		3.00							Bit H.S.I.	Bit ΔF	Noz	zles (32nds)
Percent Low (	Gravity Sol	ids		6.9%		6.7%								psi	18	18 18
ppb Low Grav	rity Solids			57 ppb		55 ppb							Bit Impact Force	Nozzle Velocit		18 18
Percent Barite	•			4.8%		3.9%								(ft/sec		
ppb Barite				69 ppb		56 ppb	BIT D			uf./Type	Security/		0 lbs	0		<u> </u>
Estimated Tot		System	ppb				Size	Depth In	Hou	irs Foot	age ROF	ft/hr	Motor/M\	WD C	alc. Circ	. Pressure
Sample Taker				N. Dilly	0	P. Blair										
Remarks/Reco	mmendation	ons:					Rig Activity:									
OBM REC	EIVED:	3422 bls	S													
OBM TRA	OBM TRANSFERRED: 2915 bls transferred to 3H							o Rommel I 4.5" DP. I ne. Weighe It, Bentone	/lake ued up a	up direction active syst	nal tools a em to 10.	ind be	egin pickin	ig up DI	single	es at
Enc. 1:	Datrial Die		na O: Nº	ok Dille	14/11/4	MIDLA	ND '	VIII 2: 1	V/F1 #2	D'-	Phono		Doily Tatal	1	Cumul	tive Cost
3	Patrick Blai 36-465-095		Ü	ck Dilly 207-8848	WH 1: Phone:	MIDL <i>A</i> 432-686	-7361 P	hone:	WH #2 -		Phone:		Daily Total		Cumula	uve COSI
W P Y	E C	g G	H O	carefully	and may be	e used if the	ation, expressed user so elects,	however, no r	epresen				\$6,829.15		\$52,1	57.68
2 2 1	1 0	1 1	1 1	validity	of this inforn	nation, and t	his is a recomm	nendation only					\$6,829.15			038.46

**INCLUDING 3RD PARTY CHARGES** 

\$6,829.15

\$100,038.46

Date <b>08/12/21</b>	Operator MAGI	NOLIA OIL		Well Name a RON	nd No. <mark>IMEL UNIT</mark>	Г ЗН	Rig Name an	d No. <b>48</b>	Report No. <b>Repo</b>	ort #8
	DAILY	USAGE 8	COST	•			•		CUMUI	LATIVE
			Previous		Closing	Daily			Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56		93	93			_	54	
PHPA LIQUID (pail)	5 gal	\$41.36		29	29			_	1	\$41.36
EVO-LUBE NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$19.75						-		
ALUMINUM TRISTEARATE	25# sk	\$162.83						-		
SOAP STICKS (ea)	each	\$7.00						-	77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
CACL2 (50)	50# sk	\$14.32		224	224					
LIME (50)	50# sk	\$5.00		405	405				75	\$375.00
OPTI - G	50# sk	\$30.59		160	120	40	\$1,223.60	_	60	\$1,835.40
BENTONE 38 (50)	50# sk	\$163.94		63	63		4	-		4
BENTONE 910 (50)	50# sk	\$59.40		56	55	1	\$59.40	-	12	· ·
BENTONE 990 (50) OPTI - MUL	50# sk	\$83.59 \$10.75		62 440	53 440	9	\$752.31		21 220	\$1,755.39 \$2,365.00
OPTI - WOL	gal gal	\$8.34		440	385	55	\$458.70	-	175	· '
NEW PHALT	50# sk	\$38.72		97	97		ψ-30.70	-	30	
OIL SORB (25)	25# sk	\$4.75		73	73			-	4	\$19.00
2 22 0 0										
NEW CARB (M)	50# sk	\$5.25		219	219				4	\$21.00
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05		309	303	6	\$168.30		6	\$168.30
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37						_		
NUT PLUG M (50)	50# sk	\$12.04						-		
MICA F (50)	50# sk	\$10.28		40	40			-		
GRAPHITE POWDER F (50)	50# sk	\$24.14		64	64					
								-		
								-		
								-		
NEW WATE (SACK BARITE)	100# sk	\$11.50		80	80			-		
BARITE BULK (100)	100# sk	\$7.00		1500	1500					
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								-		
								_		
								-		
								-		
								-		
OPTI DRILL (OBM)	bbl	\$65.00		3422	3422			-	310	\$20,150.00
, ,										
DISCOUNTED OBM	bbl	\$15.00								
									8	\$7,400.00
ENGINEERING (24 HR)	each	\$925.00				2	\$60.00	i 📙	_	
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00					Φ00.00		14	\$420.00
						742		-		\$420.00 \$1,617.00
ENGINEERING (DIEM)	bbl	\$30.00					\$742.00			\$1,617.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				742	\$742.00	- -	1617	\$1,617.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				742	\$742.00	- - -	1617	\$1,617.00 \$5,940.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING	bbl each each	\$30.00 \$1.00 \$990.00				742 2	\$742.00 \$1,980.00	- - -	1617 6	\$1,617.00 \$5,940.00 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING FORKLIFT WITH OPERATOR	bbl each each	\$30.00 \$1.00 \$990.00 \$125.00				742 2 1	\$742.00 \$1,980.00 \$125.00	- - - -	1617 6	\$1,617.00 \$5,940.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING FORKLIFT WITH OPERATOR TRUCKING (cwt)	bbl each each each	\$30.00 \$1.00 \$990.00 \$125.00 \$2.65				742 2 1	\$742.00 \$1,980.00 \$125.00		1617 6 2 344	\$1,617.00 \$5,940.00 \$250.00 \$911.84
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each each each each	\$30.00 \$1.00 \$990.00 \$125.00 \$2.65 \$795.00				742 2 1 344	\$742.00 \$1,980.00 \$125.00 \$911.84	-	1617 6 2 344 1	\$1,617.00 \$5,940.00 \$250.00 \$911.84 \$795.00 \$492.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each each each	\$30.00 \$1.00 \$990.00 \$125.00 \$2.65 \$795.00 \$12.00	ub-Total \$6			742 2 1 344	\$742.00 \$1,980.00 \$125.00 \$911.84 \$180.00 \$168.00		1617 6 2 344 1 41 38	\$1,617.00 \$5,940.00 \$250.00 \$911.84 \$795.00 \$492.00

Date		Well Name a	nd No.		Rig Name ar	nd No.	Report No.			
08/12/21	MAGI	NOLIA OIL	& GAS	ROM	MMEL UNI	Т 3Н	2	48	Repo	rt #8
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32								\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								. ,
Diesel Transfer F/Rommel 4H	gal	\$2.26		6580	6580					
Diesel 8/11/21		\$2.23		7067						
Diesei o/ i i/2 i	gal	\$2.23		7067	7067					
	<u> </u>									
										i
	-									
		1								
	<u></u>									
								]		
		J	]	<u> </u>				l		
									\$47,8	80.78
								ı İ	1	
	C	ulativo Tota	I VEG 8 32-1	Darty \$400	U38 46					
	Cumi	ulative Tota	AES & SIG	ı arıy \$100	,030.40					

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
	54.0	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8		- Out	- Ouii	illon.	140	*****	IIIG		Out	Guii	
	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022										
											11,022	11,022										
	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	-											
•	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
712	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375
	Chemical Additions	2	7	2							6											
	Base Fluid Added	117	173	166		38					1											
	Barite Increase																					
	Weighted Mud Added			474			2,915				2,915											
	Slurry Added																					
	Water Added	25	20	25																		
	Added for Washout																					
6,886	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings	104	206	81																		
428	Unrecoverable Volume	27	100	128	30	89					54											
121	Centrifuge Losses	40	41	40																		
940	Total Losses	171	347	249	30	89	-	-	-	-	54	-	-	-	-	-	-	-				
5,876	Mud Transferred Out					2,961		2,915														
3,375	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375	3,375
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		-
	1	IX/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21						
3,732		8/4/21							8/11/21							8/18/21						
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/stad	ck flushing.		8/19/21						
		8/6/21							8/13/21							8/20/21						
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	nel Unit 4H	I. 507 Left	in casing.	8/14/21							8/21/21						
		8/8/21							8/15/21							8/22/21						
		8/9/21							8/16/21							8/23/21						

Report #9

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

16.4° 10,978' TVD

Operator MAGI	NOLIA (	OIL & (	GAS	Contractor PA	ITERSO	ON	County / Parish /	Engineer Start Date 24 hr 1				tg. <b>56 ft</b>		Drilled Depth 11,078 ft					
Well Name and No.	MMEL	UNIT 3	Н	Rig Name ar	nd No.		State	EXAS		Spud Da			Currer	nt ROP 152 ft/hr		Activity	 Drill		
Report for				Report for			Field / OCS-G #			Fluid Typ	е		Circula	ating Rate	•	Circulatir	ng Pres	sure	
Kevin	Burt/Ke	evin Co	oper	То	ol Pusi	ner	GIDDII	NGS (A	(C)		ОВ	М		357 gpm	า	4,160 psi			
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (E	BL)		PUMI	P #1		PUMP #2		RISE	R BC	OOSTE	:R
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	6	52 bbl	Liner	Size	4.75	Line	r Size 4.75		Liner S	Size		
8.8-10.2	10-20	6-20	>350	±290K	<10 <15	<10	In Hole	4	47 bbl	Stro	ke	12	Str	oke 1	12	Strok	ке		
				8/13/21		8/12/21	Active	10	)99 bbl	bbl/s	stk	0.062	bb	l/stk 0.0	625	bbl/s	tk	0.000	)0
Time Sample	Taken			0:30		12:00	Storage <u>2294 bbl</u>			stk/r	min	68	stk	/min 6	88	stk/m	nin		
Sample Locati	on			pit		pit	Tot. on Loc	cation 33	393 bbl	gal/r	min	178	gal	/min 1	78	gal/m	nin	0	
Flowline Temp	erature °l	F						PHHP = 8	66		CII	RCULAT	ION DA	<b>ATA</b> n = 0.745 K =				K = 181.	.424
Depth (ft)				11,022'		11,022'	Bit C	epth = 1	1,078 '	Washout = 5%					Pump	Efficie	ncy =	95%	
Mud Weight (p	ppg)			10.1		10.1	Drill String	156.7 bbl Strokes To E				2,508		Time To	o Bit	18 mi	in		
Funnel Vis (se	c/qt)		@ 113 °F	72		56	Disp.	Bottoms	Up Vol.	290.1	bbl	Bottoms	Up Stks	4,644	Bottor	nsUp T	Time	34 mi	in
600 rpm				62		67	62.1 bbl	Total	1098.	8 bbl	Total	irc.Stks	17,590	Total	tal Circ. Time		129 m	nin	
300 rpm				37		39		SEMBL	Y DA	TA		s	OLIDS	DS CONTROL					
200 rpm				28		29	Tubulars	OD (in.	) ID	(in.)	Ler	gth	Тор	Unit		Scree	ens	Hour	S
100 rpm				19		18	Drill Pipe	4.500	3.	.826	10,8	361'	0'	Shaker	r 1	170	)	2.0	
6 rpm				7		7	Hevi Wt	4.500	3.	.826	11	4' 1	0,861'	Shaker	r 2	170	)	2.0	
3 rpm				6		6	Collars	5.250	2.	.688	7	0' 1	0,975'	Shaker	r 3	170	)	2.0	
Plastic Viscos	ity (cp)		@ 150 °F	25		28	Dir. BHA	5.500	2.	.000	3	3' 1	1,045'	Desand	der				
Yield Point (lb.	/100 ft <sup>2</sup> )		T0 = 5	12		11		CAS	ING &	HOLE [	DATA			Desilte	er				
Gel Strength (	lb/100 ft²)	10	sec/10 min	8/11		8/11	Casing	OD (in.	) ID	(in.)	De	pth	Тор	Centrifuç	ge 1				
Gel Strength (	lb/100 ft <sup>2</sup> )	ı	30 min	12		14	Riser	20						VOLUM	IE AC	COUN	TING	(bbls)	)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	5.4		5.6	Surface	10 3/4	9.	.950	3,5	18'	0'	Prev. T	Total or	n Loca	tion	337	4.7
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875	11,0	014'	0'	Transfe	erred Ir	n(+)/O	ut(-)		
Retort Solids (	Content			14.5%		14%	Washout 1								Oil	Added	l (+)	:	2.6
Corrected Soli	ds (vol%)			11.6%		11.4%	Washout 2								Barite	Added	l (+)	3	4.8
Retort Oil Con	tent			60.5%		61%	Oper	n Hole Siz	e 7.	.088	11,0	)78'		Other Pr	roduct	Usage	e (+)	1:	5.9
Retort Water (	Content			25%		25%	ANI	NULAR (	SEOME	TRY &	RHE	DLOGY		,	Water	Added	l (+)		
O/W Ratio				71:29		71:29	annular	rr	neas.	velo	city	flow	ECD	Le	eft on C	Cuttings	s (-)	-:	5.5
Whole Mud Cl	nlorides (r	mg/L)		70,000		65,000	section		depth	ft/m	nin	reg	b/gal		Trans	ferred	Out		
Water Phase	Salinity (p	pm)		305,104		289,622								Non-Red	coveral	ole Vol	l. (-)	-2	9.8
Whole Mud Al	kalinity, P	om		2.0		2.8	6.875x4.	.5 1	0,861'	323	3.7	turb	11.18	Est. T	Total or	n Loca	tion	339	2.8
Excess Lime (	lb/bbl)			2.6 ppb		3.6 ppb	6.875x4.	.5 1	0,975'	323	3.7	turb	11.32	Est. Los	ses/Ga	ains (-)	/(+)		0.0
Electrical Stab	ility (volts	)		446 v		454 v	6.875x5.2	25 1	1,014'	443	8.8	turb	11.46	BIT HYD		AULIC	CS D	ATA	
Average Spec	Average Specific Gravity of Solids					3.11	7.088x5.2	25 1	1,045'	385	5.6	turb	11.60	Bit H.S.I.	Bit .	ΔP	Nozzl	es (32n	ds)
Percent Low 0	Percent Low Gravity Solids					6.5%	7.088x5.	.5 1	1,078'	437	7.5	turb	11.74	0.31 53		psi	18	18	18
ppb Low Grav	ity Solids			60 ppb		53 ppb								Bit Impact	Noz Velo		18	18	18
Percent Barite	1			4.3%		4.9%	,							Force	(ft/s	-			
ppb Barite				62 ppb		70 ppb	BIT D	ATA	Ma	anuf./Ty	/ре	Security	/ PDC	144 lbs	77	7			
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n H	ours	Foo	tage R	OP ft/hr	Motor/M	WD	Calc.	Circ.	Pressu	ure
Sample Taker	ву			N. Dilly	0	P. Blair	6 3/4	11,022	ft	1.0	56	ft	56.0	2,536	psi		4,160	psi	
Domorko/Doo							Dia Activity												-

Remarks/Recommendations:

TOTAL OBM RECEIVED: 3422 bls

LCM SWEEPS: 10bls w/ 10ppb MagmaFiber, 10ppb NewCarb

M, & 10ppb NewPhalt.

Rig Activity:

TIH picking up singles to 2000'. POOH wet to install reamer above BHA. Continue TIH picking up singles until cement was tagged at 10,883'. Drill out cement and float equipment to 11,032' (10' of new formation). Perform FIT to 13.0ppg EMW (good test). Currently drilling ahead at 11,078'. Maintaining MW 10.0ppg and treating active system with Opti G, NewPhalt, CaCl, Bentone 910/990, Mul, WA, & Lime. TORQUE 7800, GAS 43, BHT 225 F.

Е	ng. 1:	- 1	Patric	k Bla	ir	Eı	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	9	36-46	55-09	52	PI	hone:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 2	Y 1	E 1	C 2	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, e used if the user attion, and this is	\$10,041.49	\$62,199.17			
												INCLUD	ING 3RD PAR	TY CHARGES	\$10,041.49	\$110,079.95

Date <b>08/13/21</b>	Operator MAGI	NOLIA OIL		Well Name a	and No. MMEL UNIT	3H	Rig Name ar 2		eport #9
	DAILY	USAGE 8	& COST	I.					/ULATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
			Inventory	Received	Inventory	Usage	Daily Cost	Usag	е
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36			93 29				54 \$2,406.24 1 \$41.36
EVO-LUBE	gal	\$14.00			23				1 ψ+1.50
NEW GEL (PREMIUM)	100# sk	\$19.75							
ALUMINUM TRISTEARATE	25# sk	\$162.83							
SOAP STICKS (ea)	each	\$7.00							77 \$539.00
SAPP STICK (ea)	each	\$11.25							77 \$866.25
CACL2 (50)	50# sk	\$14.32	224		192	32	\$458.24		32 \$458.24
LIME (50)	50# sk	\$5.00	405		300	105	\$525.00		180 \$900.00
OPTI - G	50# sk	\$30.59	120		100	20	\$611.80		80 \$2,447.20
BENTONE 38 (50)	50# sk	\$163.94	63		63				
BENTONE 910 (50)	50# sk	\$59.40	55		55				12 \$712.80
BENTONE 990 (50)	50# sk	\$83.59	53		53				21 \$1,755.39
OPTI - MUL	gal	\$10.75	440		385	55	\$591.25		275 \$2,956.25
OPTI - WET	gal	\$8.34	385		330	55	\$458.70	- :	230 \$1,918.20
NEW PHALT	50# sk	\$38.72	97		62	35	\$1,355.20		65 \$2,516.80
OIL SORB (25)	25# sk	\$4.75	73		73				4 \$19.00
NEW CARB (M)	50# sk	\$5.25	219		209	10	\$52.50		14 \$73.50
CYBERSEAL	25# sk	\$21.47							
MAGMAFIBER F (25)	25# sk	\$28.05	303		287	16	\$448.80		22 \$617.10
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50) MICA F (50)	50# sk 50# sk	\$12.04 \$10.28	40		40				
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64				
CIUTITET CARDENT (CC)	oon ak	ΨΖΙΙΙΙ	01		01				
		<b></b>							
NEW WATE (SACK BARITE)	100# sk	\$11.50			80	500	¢2.500.00		F00
BARITE BULK (100)	100# sk	\$7.00	1500		1000	500	\$3,500.00		500 \$3,500.00
									_
OPTI DRILL (OBM)	bbl	\$65.00	3422		3422			;	310 \$20,150.00
DISCOUNTED OBM	hhl	¢15.00						-	
DISCOUNTED ODM	bbl	\$15.00						-	
	+								
ENGINEERING (24 HR)	each	\$925.00							8 \$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		16 \$480.00
ENCINEEDING (MILEO)	each	\$1.00					\$1,980.00	16	8 \$7,920.00
ENGINEERING (MILES)	000	\$990.00				2	φ1,980.00		ο φτ,920.00
·	each						i	I	1
ENGINEERING		\$125 00							2 \$250.00
ENGINEERING FORKLIFT WITH OPERATOR	each each each	\$125.00 \$2.65						:	
ENGINEERING  FORKLIFT WITH OPERATOR  TRUCKING (cwt)	each							;	_
ENGINEERING  FORKLIFT WITH OPERATOR  TRUCKING (cwt)  TRUCKING (min)	each each	\$2.65						;	344 \$911.84
ENGINEERING	each each	\$2.65 \$795.00							344 \$911.84 1 \$795.00

Date		Well Name a	and No.		Rig Name an	e and No. Report No.					
08/13/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	rt #9	
	DAILY	USAGE 8	& COST						СПМПГ	_ATIVE	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
Diesel Transfer F/Rommel 4H	gal	\$2.39									
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00	
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66	
Diesel 7200	gal	\$2.32							5991	\$13,899.12	
Diesel 7000 gal 08-04-2021	gal	\$2.32									
Diesel Transfer F/Rommel 4H	gal	\$2.26			6580						
Diesel 8/11/21	gal	\$2.23			7067						
	3**										
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									\$47,8	80.78	
	Cumi	ılative Tota	AES & 3rd	Party \$110	0,079.95						
				, +	,						

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

	WEEK 1							WEEK 2							WEEK 3						
Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4										
Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078									
Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078										
Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-		-	-
				-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
				3.549	3.519	507	3,422	507	507	507	3.375	3.393	3.393	3.393	3.393	3.393	3.393	3.393	3.393	3.393	3,393
				-,	-,		-,				•	-,	-,	-,	-,	-,	-,	-,	-,	-,	-,
					38																
										<u> </u>											
			474			2.915				2.915											
Slurry Added						_,,,,,				_,,,,,											
Water Added	25	20	25																		
Added for Washout																					
Total Additions	144	200	667	-	38	2.915	-	_	-	2.922	54	-	-	-	_	_	-	-	-	-	_
						_,0.0				_,,,	•										
	104	206	81								6										
				30	80					5/	0										
				30	09					34	30										
ochanage Losses	40					1	1				30							1			<u> </u>
Total Losses	171	347	249	30	89	-	-	-	-	54	36	-	-	-	-	•	-	-	•	-	-
Mud Transferred Out					2,961		2,915														
Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,393	3,393	3,393	3,393	3,393	3,393	3,393	3,393	3,393	3,393
Mud Recovered																					
			С	omment	s:					С	omment	s:					С	omment	s:		
			Transferred	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21						
	8/4/21							8/11/21							8/18/21						
	8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/stad	ck flushing.		8/19/21						
								Lost 6bls to MOC of new hole drilled. Lost additional 30bls to								+					
	8/6/21							8/13/21		00' wet to p			additional 3 shakers wh		8/20/21						
		2961 BBL	S Transferr	ed T/ Romr	mel Unit 4F	I. 507 Left		8/13/21	tripping 20	00' wet to p					8/20/21 8/21/21						
		2961 BBL	S Transferr	ed T/ Romr	mel Unit 4F	H. 507 Left		8/13/21	tripping 20	00' wet to p											
		2961 BBL	S Transfern	ed T/ Romr	mel Unit 4H	H. 507 Left	in casing.	8/13/21	tripping 20	00' wet to p											
	Bit Size Starting Depth Ending Depth Footage Drilled New Hole Vol. Starting System Volume Chemical Additions Base Fluid Added Barite Increase Weighted Mud Added Slurry Added Water Added Added for Washout Total Additions Surface Losses Formation Loss Mud Loss to Cuttings Unrecoverable Volume Centrifuge Losses Total Losses Mud Transferred Out Ending System Volume	Tue   9 7/8   9 7/8   Starting Depth   3,523   Ending Depth   5,494   Footage Drilled   1,971   New Hole Vol.   189   Starting System Volume   3,304   Chemical Additions   2   Ending System Volume   117   Ending System Volume   27   Ending System Volume   25   Ending System Volume   26   Ending System Volume   27   Ending System Volume   27   Ending System Volume   27   Ending System Volume   3,277   Ending System Volume   3,277   Ending System Volume   3,277   Ending System Volume   28/3/21   Ending System Volume   28/3	Tue   Wed   9 7/8   9 7/8   9 7/8   9 7/8   9 7/8   9 7/8   5 5,494   9,445   5,494   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,944   9,445   7,945	Tue   Wed   Thu	Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting Depth   Starting System Volume   Start	Starting Depth   Starting System Volume   Star	State	Starting Depth   Star	State	State   Stat	Second Second	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/21   8/8/21   8/9/21   8/10/21   8/11/21   8/13/21   8/13/21   Tue   Wed   Thu   Fri   Sat   Sun   Mon   Sun   Su	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/21   8/6/21   8/7/21   8/6/21   8/7/21   8/6/21   8/1	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/21   8/8/21   8/9/21   8/9/21   8/9/21   8/9/21   8/10/21   8/10/21   8/13/21   8/4/21   8/15/21	Date   88/321   88/32	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/7/21   8/8/21   8/8/21   8/7/21   8/8/2	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/21   8/8/21   8/9/2	Date	Date   8/3/21   8/4/21   8/5/21   8/6/21   8/7/2	Date   B/3/21   B/4/21   B/5/21   B/5/21   B/7/21   B/7/2	Date   88/21   84/21   87/21   87/22

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

8.5° 6,429' TVD

Operator  MAGI  Well Name and No.	NOLIA (	OIL &	GAS	Contractor PAT	TTERSO	ON	County / Parish / WASH	Block	ON	Engineer Sta	art Date 7/14/21		684 ft		Drilled Depth 11,762 ft Activity		2 ft
	MMEL	UNIT	3H	Rig Name ar	248			EXAS			/14/21		0 ft/hr	Ac	-	00	Н
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate	Ci	rculating	Pressu	re
Kevin	Burt/Ke		•		ol Push	ner	GIDDII	•			OBM		0 gpm		psi		
	1		ERTY SPECIF					IUD VOLUME (BBL)			JMP #1		PUMP #2				OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		65 bbl	Liner Siz					iner Siz	е	
8.8-10.2	10-20	6-20	>350	±290K	<10 <15	<10	In Hole		05 bbl	Stroke					Stroke		
				8/14/21		8/13/21	Active	8	26 bbl	bbl/stk	0.0	)625 bb	l/stk 0.0	0625	bbl/stk	(	0.0000
Time Sample	Taken			0:30		12:00	Storage 2268 bbl			stk/mir	1	0 stk	/min	0	stk/min		
Sample Locati	on			pit		pit	Tot. on Loc	cation 33	38 bbl	gal/mir	1	0 ga	l/min	0	gal/min		0
Flowline Temp	erature °F	=						PHHP =	0	1	CIRCU	LATION DA	ATA	n	= 0.74	5 K	= 181.424
Depth (ft)				11,762'		11,741'	Bit Depth = 6,500 '				Washout = 5%			Pump Efficiency = 95			
Mud Weight (p	opg)			10.2		10.0	Drill String	ne to Bit	91.6 bb	ol S	trokes To Bit	İ	Tir	me To E	Bit		
Funnel Vis (se	c/qt)		@ 110 °F	67		54	Disp.	Bottoms	Up Vol.	169.8 bbl BottomsUp St			i	Bottoms	sUp Tim	е	
600 rpm				62		58	37.1 bbl	Total	Circ.Vol.	826.4 b	bl T	otalCirc.Stks	1	Total C	Circ. Tim	е	
300 rpm				37		34		DRILLI	NG AS	SEMBLY	DATA		S	OLIDS	CONT	ROL	
200 rpm				28		25	Tubulars	OD (in.	) ID	(in.)	Length	Тор	Unit		Screen	3	Hours
100 rpm				18		17	Drill Pipe	4.500	3.	.826	6,283'	0'	Shake	r 1	170		10.0
6 rpm				7		7	Hevi Wt	4.500	3.	.826	114'	6,283'	Shake	r 2	170		10.0
3 rpm				6		6	Collars	5.250	2.	.688	70'	6,397'	Shake	r 3	170		10.0
Plastic Viscos	ity (cp)		@ 150 °F	25		24	Dir. BHA	5.500	2.	.000	33'	6,467'	Desand	der			
Yield Point (lb.	/100 ft²)		T0 = 5	12		10		CAS	ING &	HOLE DA	TA		Desilte	er			
Gel Strength (	lb/100 ft²)		10 sec/10 min	9/12		8/11	Casing	OD (in.	) ID	(in.)	Depth	Тор	Centrifu	ge 1			4.0
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	13		13	Riser	20					VOLUN	ME ACC	OUNTI	NG (	bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.0		5.2	Surface	10 3/4	9.	.950	3,518'	0'	Prev.	Total on	Locatio	n	3392.8
HTHP Cake T	hickness (	(32nds)	)	2.0		2.0	Int. Csg.	7 5/8	6	.875	11,014'	0'	Transfe	erred In(	+)/Out(	-)	
Retort Solids (	Content			15%		14%	Washout 1							Oil A	dded (-	+)	49.6
Corrected Soli	ds (vol%)			12.2%		11.2%	Washout 2							Barite A	dded (-	+)	20.9
Retort Oil Con	tent			60%		61%	Open	n Hole Siz	ze 7.	.088	11,762'		Other P	roduct U	sage (-	+)	4.0
Retort Water (	Content			25%		25%	INA	NULAR (	EOME	TRY & R	HEOLO	GY	,	Water A	dded (-	+)	
O/W Ratio				71:29		71:29	annular	, r	neas.	velocit	y flow	ECD	Le	eft on Cu	ittings (	-)	-66.8
Whole Mud Cl	nlorides (n	ng/L)		67,000		69,000	section		depth	ft/min		lb/gal		Mud on	Cutting	S	-22.4
Water Phase	Salinity (pr	pm)		295,897		302,062		<u> </u>			II.	1	1	Ce	ntrifuge	:S	-40.0
Whole Mud Al	kalinity, Po	om		1.9		2.7	6.875x4.	.5 6	5,283'	0.0	lam	10.24	Est.	Γotal on	Locatio	n	3338.2
Excess Lime (	lb/bbl)			2.5 ppb		3.5 ppb	6.875x4.	.5 6	5,397'	0.0	lam	10.24	Est. Los	ses/Gai	ns (-)/(-	<u> </u>	0.0
Electrical Stab	oility (volts)	)		419 v		473 v	6.875x5.2	25 6	6,467'	0.0	lam	10.24	BIT	HYDRA	ULICS	DAT	ΓΑ
Average Spec	ific Gravity	y of Sol	lids	3.02		3.00	6.875x5.	.5 6	6,500'	0.0	lam	10.24	Bit H.S.I.	Bit Δ	P No	zzles	(32nds)
Percent Low 0				7.6%		7.1%							0.00		18	3 1	8 18
ppb Low Grav	-			62 ppb		58 ppb							Rit Import	Nozz	_	-	18 18
Percent Barite	-			4.7%		4.1%	<del> </del>						Bit Impact Force	Veloci	ity		+
ppb Barite				67 ppb		59 ppb	BIT D	ATA	Ma	anuf./Type	e Sec	urity / PDC	0 lbs	0	´	+	+
Estimated Tot	al LCM in	System	n ppb	11.		11.	Size	Depth I		<del>- 1</del>	ootage	ROP ft/hr	Motor/M	1	L Calc. Ci	rc. P	ressure
Sample Taker		,	1,54	N. Dilly	0	P. Blair	6 3/4	11,022		8.0	740 ft	92.5	psi				
	,				<u> </u>		Dia Activity					<u> </u>					

Remarks/Recommendations:

TOTAL OBM RECEIVED: 3422 bls

LCM SWEEPS: 10bls w/ 10ppb MagmaFiber, 10ppb NewCarb

M, & 10ppb NewPhalt.

Rig Activity:

Drilled F/11,078' T/11,742' pumping tandem LCM sweeps. Circulate sweeps out of hole while waiting on orders. Perform short trip and C/O saver sub. TIH T/bottom and drill to 11,762'TD. Pump hi-vis sweep. Circulate hole clean and spot 30bls 5ppb graphite pill in open hole. Slug pipe and currently POOH to run wireline logs. Maintained MW 10.0ppg to TD then weighed up to 10.2ppg before POOH. Treated active system with Opti G, NewPhalt, Bentone 910/990, Mul, and WA to maintain desired properties. BHT 252 F.

E	ng. 1:	F	Patric	k Blai	ir	Er	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	93	36-46	5-09	52	Ph	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 2	P 2	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 r	\$15,058.45	\$77,257.62			
												INCLUD	NG 3RD PAR	TY CHARGES	\$19,359.23	\$129,439.18

Date <b>08/14/21</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a RON	MMEL UNIT	Г 3Н	Rig Name ar	48	Report No. Repo	rt #10
	DAILY	USAGE 8	COST						CUMU	LATIVE
_			Previous		Closing	Daily			Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk 25# sk	\$19.75 \$162.83								
SOAP STICKS (ea)	each	\$7.00							77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
CACL2 (50)	50# sk	\$14.32	192		192				32	\$458.24
LIME (50) OPTI - G	50# sk	\$5.00	300		300 90	10	<b>#</b> 005.00		180	\$900.00
BENTONE 38 (50)	50# sk 50# sk	\$30.59 \$163.94	100 63		63	10	\$305.90		90	\$2,753.10
BENTONE 910 (50)	50# sk	\$59.40	55		47	8	\$475.20		20	\$1,188.00
BENTONE 990 (50)	50# sk	\$83.59	53		42	11	\$919.49		32	
OPTI - MUL	gal	\$10.75	385		260	125			400	
OPTI - WET	gal	\$8.34	330		275	55	\$458.70		285	\$2,376.90
NEW PHALT	50# sk	\$38.72	62		54	8	\$309.76		73	\$2,826.56
OIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.00
NEW CARB (M)	50# sk	\$5.25	209		209				14	\$73.50
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	287		267	20	\$561.00		42	\$1,178.10
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	00"	#00.07								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50) MICA F (50)	50# sk 50# sk	\$12.04 \$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
CICAL THILL I OWDER ( 1 (30)	30# 3K	Ψ24.14	04		04					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1000	401	1100	301	\$2,107.00		801	\$5,607.00
OPTI DRILL (OBM)	bbl	\$65.00	3422		3338	84	\$5,460.00		394	\$25,610.00
DISCOUNTED OBM	bbl	\$15.00								
		<b></b>								
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
	each bbl	\$925.00 \$30.00				2	\$60.00		8 18	\$7,400.00 \$540.00
						2	\$60.00		18	
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl	\$30.00				2			18	\$540.00 \$1,617.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	bbl each	\$30.00 \$1.00 \$990.00 \$15.00							18 1617 10 1	\$540.00 \$1,617.00 \$9,900.00 \$15.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	bbl each each each each	\$30.00 \$1.00 \$990.00 \$15.00				2	\$1,980.00 \$15.00		18 1617 10 1 2	\$540.00 \$1,617.00 \$9,900.00 \$15.00 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	bbl each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65				2	\$1,980.00 \$15.00		18 1617 10 1 2 745	\$540.00 \$1,617.00 \$9,900.00 \$15.00 \$250.00 \$1,974.49
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00				2	\$1,980.00 \$15.00		18 1617 10 1 2 745	\$540.00 \$1,617.00 \$9,900.00 \$15.00 \$250.00 \$1,974.49 \$795.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	bbl each each each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00 \$12.00				2	\$1,980.00 \$15.00		18 1617 10 1 2 745 1	\$540.00 \$1,617.00 \$9,900.00 \$15.00 \$250.00 \$1,974.49 \$795.00 \$492.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00				2	\$1,980.00 \$15.00		18 1617 10 1 2 745	\$540.00 \$1,617.00 \$9,900.00 \$15.00 \$250.00 \$1,974.49 \$795.00

Date	Operator			Well Name a	and No.		Rig Name an	id No.	Report No.	
08/14/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	rt #10
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26	6580		4677	1903	\$4,300.78		1903	\$4,300.78
Diesel 8/11/21	gal	\$2.23	7067		7067					
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					1					
		<u> </u>	<u> </u>	<u> </u>		. =	1 005 = 5			04.50
					Daily S	ub-Total \$4	1,300.78		\$52,1	81.56
	ı <del></del>					<del></del>				
	Cumu	ulative Tota	I AES & 3rd	Party \$129	,439.18					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2				WEEK 3						
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4									
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762								
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762									
	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	_	_	_	_	_	-	_		-
	New Hole Vol.	189	374	149	_	-	-	-		-	-	2	30	_	-	_	_	_	-	_	-	_
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,338	3,338	3,338	3,338	3,338	3,338	3,338	3,338
	• •		3,211		3,349	3,319	307	3,422	307	307				3,336	3,336	3,336	3,336	3,336	3,336	3,330	3,330	3,336
	Chemical Additions	2	470	2		20					6	3	4									
	Base Fluid Added	117	173	166		38					1	16 35	49 21									
	Barite Increase			474			0.045				0.045	ან	21									
	Weighted Mud Added			4/4			2,915				2,915											
	Slurry Added Water Added	25	20	25																		
	Added for Washout	25	20	25																		
							0.045															
7,014	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
	Formation Loss																					
	Mud Loss to Cuttings	104	206	81								6	89									
	Unrecoverable Volume	27	100	128	30	89					54											
191	Centrifuge Losses	40	41	40								30	40									
1,105	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	-	-					-	-	
5,876	Mud Transferred Out					2,961		2,915														
3,338	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,338	3,338	3,338	3,338	3,338	3,338	3,338	3,338	3,338
-	Mud Recovered																					
					omment							omments						_	omment	· ·		
			2075 bble		d F/ Redwo		20 bble wa	e in the				omments	·						Omment	<u>.                                    </u>		
		1X/3/21	casing.	Transierie	a i / ixeawo	ou Airi. 3	29 DDIS Wa	s iii tiie	8/10/21							8/17/21						
	]																					
3,732		8/4/21							8/11/21							8/18/21						
		8/5/21	474 BBLS	14 # receiv	ved from mi	ud plant			8/12/21	Lost 54bls	to cement j	job, skid, a	nd line/sta	ck flushing.		8/19/21						
		8/6/21									00' wet to p			additional 3 shakers wh		ng <b>8/20/21</b>						
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	nel Unit 4H	. 507 Left	in casing.	8/14/21	TD. Lost 4	l0bls to cer	trifuges wh	ile process	ng and circ sing on acti and circulat	ve and	at 8/21/21						
		8/8/21							8/15/21							8/22/21						
		8/9/21							8/16/21							8/23/21						

Report #11

0' TVD

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

0.0°

**MAGNOLIA OIL & GAS PATTERSON** WASHINGTON 07/14/21 0 ft 11,762 ft Name and No. **ROMMEL UNIT 3H** 248 **TEXAS** 07/14/21 0 ft/hr Wireline Field / OCS-G # Report fo luid Type rculating Rate irculating Pressure **Tool Pusher GIDDINGS (AC) Kevin Burt/Kevin Cooper OBM** 0 gpm psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight CaCl2 **GELS** HTHP In Pits 530 bbl Liner Size 4.75 Liner Size 4.75 Liner Size 8.8-10.4 10-25 6-20 >350 ±290K <10 <15 <10 In Hole 542 bbl Stroke 12 Stroke 12 Stroke 8/15/21 8/14/21 530 bbl bbl/stk 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 0 0 Time Sample Taken 0:30 12:00 Storage 2268 bbl stk/min stk/min stk/min gal/min gal/min Sample Location pit pit Tot. on Location 3340 bbl gal/min Λ 0 O n = 0.745 K = 181.424 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) 11.762 11.762 Bit Depth = Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 10.3 10.2 Volume to Bit 0.0 bblStrokes To Bit Time To Bit **Drill String** Disp. Funnel Vis (sec/qt) @ 114 °F 73 62 Bottoms Up Vol. 0.0 bbl BottomsUp Stks BottomsUp Time 61 600 rpm 62 0.0 bbl TotalCirc Vol. 530.0 bbl TotalCirc Stks Total Circ. Time **DRILLING ASSEMBLY DATA SOLIDS CONTROL** 37 36 300 rpm 28 27 OD (in.) Unit Screens 200 rpm **Tubulars** ID (in.) Length Top Hours 18 3.826 0 0' Shaker 1 170 0.0 100 rpm 18 Drill Pipe 4.500 6 4.500 3.826 Shaker 2 170 0.0 Hevi Wt 0 6 rpm 5 6 Collars 5.250 2.688 0' Shaker 3 170 0.0 3 rpm 25 Dir. BHA 5.500 Desander Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 12 11 **CASING & HOLE DATA** Desilter 8/11 Casing OD (in.) ID (in.) Centrifuge 1 Gel Strength (lb/100 ft²) 10 sec/10 min 7/9 Depth Top 30 min 10 14 **VOLUME ACCOUNTING (bbls)** Riser 20 Gel Strength (lb/100 ft2) @ 300 °F 44 62 Surface 10 3/4 9.950 3.518' 0' 3338.1 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 11,014' 0' Transferred In(+)/Out(-) Retort Solids Content 15% 15% Washout 1 Oil Added (+) 10.0 Corrected Solids (vol%) 12.3% 12.3% Washout 2 Barite Added (+) 0.0 Retort Oil Content 60% 60% Open Hole Size 7.088 11.762 Other Product Usage (+) 7.5 **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 25% 25% Water Added (+) 71:29 71:29 O/W Ratio Left on Cuttings (-) 0.0 annular velocity flow FCD meas section depth ft/min reg lb/gal 65,000 66.000 Whole Mud Chlorides (ma/L) Mud on Cuttings 289,622 292,773 -15.5 Non-Recoverable Vol. (-) Water Phase Salinity (ppm) Whole Mud Alkalinity, Pom 2.4 2.0 Est. Total on Location 3340.2 3.1 ppb 2.6 ppb Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 442 v 465 v **BIT HYDRAULICS DATA** Electrical Stability (volts) 3.08 2.97 Bit H.S.I. Average Specific Gravity of Solids Βίτ ΔΡ Nozzles (32nds) 7.2% 7.9% Percent Low Gravity Solids ppb Low Gravity Solids Nozzle 59 ppb 65 ppb Bit Impact Velocity Force Percent Barite 5.1% 4 4% (ft/sec) ppb Barite 74 ppb 63 ppb **BIT DATA** Manuf./Type ROP ft/hr Estimated Total LCM in System Size Depth In Hours Footage Motor/MWD Calc. Circ. Pressure ppb P. Blair Sample Taken By N. Dilly 6 3/4 Rig Activity: Remarks/Recommendations: TOTAL OBM RECEIVED: 3422 bls POOH T/Surface and R/U Halliburton wireline truck for triple combo logs. Density in pits decreased F/10.4 T/10.2ppg via diesel dilution. E.S increased T/465 volts with addition of emulsifier. Other fluid properties will enhance to program specs as drilling commences. R/D Halliburton wireline truck and R/U Schlumberger wireline for sidewall coring. Currently running Schlumberger sidewall coring tool. Treated active system with Opti G, Mul, and Lime to maintain desired properties. BHT 252 F. Patrick Blair Eng. 2: Nick Dilly MIDLAND WH 2: WH #2 Rig Phone: Daily Total **Cumulative Cost** Eng. 1: 337-207-8848 432-686-7361 Phone Phone: Phone: Phone n 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 \$7.704.45 \$84.962.07 W Р g 1 validity of this information, and this is a recommendation only

**INCLUDING 3RD PARTY CHARGES** 

\$8,319.17

\$137,758.35

Date <b>08/15/21</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a RON	MEL UNIT	3H	Rig Name an	48	Report No. <b>Repo</b>	rt #11
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	<u> </u>	Cum	Cum Cos
CARR (FO)	F0# ak	\$44 FG	Inventory		Inventory	Usage		<del> </del>	Usage	¢2.406.2
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36			93 29			<del> </del>	54 1	
EVO-LUBE	gal	\$14.00			23					Ψ+1.5
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SOAP STICKS (ea)	each	\$7.00							77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.2
CACL2 (50)	50# sk	\$14.32	192	56	248				32	\$458.2
LIME (50)	50# sk	\$5.00	300	300	550	50	\$250.00		230	·
OPTI - G	50# sk	\$30.59	90	160	210	40			130	
BENTONE 38 (50)	50# sk	\$163.94	63		63		. ,			. ,
BENTONE 910 (50)	50# sk	\$59.40	47		47				20	\$1,188.0
BENTONE 990 (50)	50# sk	\$83.59	42		42				32	
OPTI - MUL	gal	\$10.75	260	440	550	150	\$1,612.50	-	550	
OPTI - WET	gal	\$8.34	275	440	715		. ,		285	
NEW PHALT	50# sk	\$38.72	54	160	214				73	
DIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.0
NEW CARB (M)	50# sk	\$5.25	209		209			] [	14	\$73.5
CYBERSEAL	25# sk	\$21.47						<b> </b>		
MAGMAFIBER F (25)	25# sk	\$28.05	267		267				42	\$1,178.1
MAGMAFIBER R (30) /ARISEAL	30# sk	\$28.05								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40			-		
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1100	402	1502				801	\$5,607.00
								-		
		_								
OPTI DRILL (OBM)	bbl	\$65.00	3338		3338			-	394	\$25,610.0
DISCOUNTED OBM	bbl	\$15.00					_			
								}		
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		20	
NGINEERING (MILES)	each	\$1.00					Ţ.0.00	-		\$1,617.0
:NGINEERING	each	\$990.00				2	\$1,980.00			\$11,880.0
SCALE TICKET	each	\$15.00					- 1,000.00	1 F	1	
ORKLIFT WITH OPERATOR	each	\$125.00							2	
RUCKING (cwt)	each	\$2.65				210	\$2,170.35		1564	
RUCKING (min)	each	\$795.00				019	ψ <u>ε, 170.33</u>	<b> </b>	1564	
TOURING (IIIII)	eacii							1		
	each	\$12.00				10	\$228 UU	l	60	\$720 O
PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.00 \$12.00				19 15	\$228.00 \$180.00	<del> </del>	60 53	

Date	Operator			Well Name a	and No.		Rig Name an	id No.	Report No.	
08/15/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	rt #11
	DAILY	USAGE 8	k COST						СПМП	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								1
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26	4677		4405	272	\$614.72		2175	\$4,915.50
Diesel 8/11/21	gal	\$2.23	7067		7067					
										<u></u>
										<u></u>
			1			1				
					1					
					1					
					1					
					1					
					1					
					1					
					1					
					1					
					Daily S	Sub-Total \$	614.72		\$52,7	96.28
		destruction Total	AEQ 2 2 -	Destrict # 155	75005					
	Cumi	ulative Total	ALS & 3rd	Party \$137	,/58.35					
						-				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2				WEEK 3						
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
	54.0	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	IIIO.	140	1100	IIIu		Out	- Jun	IIIO.
	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762							
											11,022				11,702							
	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	<u> </u>	11,078	11,762	11,762								
	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	•	-	-	-	-	-	-	-	-
745	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	-	-	-	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,340	3,340	3,340	3,340	3,340	3,340	3,340
	Chemical Additions	2	7	2							6	3	4	8								
	Base Fluid Added	117	173	166		38					1	16	49	10								
	Barite Increase											35	21									
,	Weighted Mud Added			474			2,915				2,915											
	Slurry Added																					
	Water Added	25	20	25																		
-	Added for Washout																					
7,032	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	-	-	-	-	-	-	-	-
-	Surface Losses																					
	Formation Loss																					
	Mud Loss to Cuttings	104	206	81								6	89									
	Unrecoverable Volume	27	100	128	30	89					54			15								
191	Centrifuge Losses	40	41	40								30	40									
1,120	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	-	-	-	-	-	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,340	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,340	3,340	3,340	3,340	3,340	3,340	3,340	3,340
-	Mud Recovered																					
	•			С	omment	s <i>:</i>					С	omment	s:					С	omment	s:		
	1	IX/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21						
3,732		8/4/21							8/11/21							8/18/21						
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	ind line/stac	ck flushing.		8/19/21						
		8/6/21							8/13/21							ing <b>8/20/21</b>						
		8/7/21	2961 BBLS	S Transferr	ed T/ Romr	nel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost 4	to cuttings 40bls to cei der drying	ntrifuges wh	nile process	sing on acti	ve and	at 8/21/21						
		8/8/21							8/15/21	Lost 15bls	while finisl	ning POOH	and runnin	ng wireline l	ogs.	8/22/21						
		8/9/21							8/16/21							8/23/21						

### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.4°

1,035' TVD

Operator  MAG  Well Name and No	NOLIA (	OIL & (	GAS	Contractor  PA  Rig Name ar	TTERSO	ON	County / Parish / WASH	Block HINGTON	١	Engineer S  O'  Spud Date	7/14/2	21	24 hr ftg	0 ft		rilled E	epth 11,76	62 f	t
RO	MMEL	UNIT 3	Н		248		TE	EXAS		0	7/14/2	21		0 ft/hr		•	TI		
Report for	Burt/Ke	vin Co	oner	Report for	ol Pusi	ner	Field / OCS-G #	NGS (AC	:)	Fluid Type	ОВМ		Circulat	ing Rate  O gpm	С	irculati	ng Pres	sure Si	
ICVIII			RTY SPECIF			101		LUME (BB		F	PUMP #			PUMP #2		RISE	ER BO		TFR
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	bbl	Liner S			Liner			iner			
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		bbl bbl	Strok		12	Stro		2	Stro			
0.0 .12	10 20	0 20	7000	8/16/21	110 110	8/15/21	Active		bbl	bbl/st		0.0625	bbl/		625	bbl/s		0.0	000
Time Sample	Taken			0:30		12:00	Storage		0 bbl	stk/m		0	stk/		0	stk/r	nin		
Sample Locat	ion			pit		pit	Tot. on Lo	cation 378	7 bbl	gal/m	in	0	gal/	min	0	gal/r	nin		0
Flowline Temp	perature °F	<u> </u>						PHHP = 0			CIRC	ULATION	N DA	TA	r	n = 0	.729	K = 1	89.678
Depth (ft)				11,762'		11,762'	Bit I	Depth = 1,0	35 '		Wa	shout = 5	5%		Pump E	fficie	ency =	95%	6
Mud Weight (	opg)			10.3		10.3	Drill String	Volume	to Bit	5.4 b	bl	Strokes T	o Bit		Т	me T	o Bit		
Funnel Vis (se	ec/qt)		@ 104 °F	66		64	Disp.	Bottoms U	p Vol.	39.2 b	obl B	ottomsUp	Stks		Bottom	sUp <sup>·</sup>	Time		
600 rpm	• • • • • • • • • • • • • • • • • • • •			58		59	2.9 bbl	TotalCir	c.Vol.	562.6	bbl	TotalCirc.	Stks		Total	Circ.	Time		
300 rpm				35		35		DRILLING	3 ASS	SEMBLY	/ DATA			s	OLIDS	CON	ITRO	L	
200 rpm				27		26	Tubulars	OD (in.)	ID	(in.)	Lengtl	n To	р	Unit		Scre	ens	Нс	ours
100 rpm				17		18	Drill Pipe	4.500	3.	826	0'	0'		Shaker	1	17	0	4	.0
6 rpm				6		7	Other Pipe	2.875	2.	323	1,035	' 0'		Shaker	2	17	0	4	.0
3 rpm				5		6	Collars	5.250	2.	688		1,03	35'	Shaker	3	17	0	4	.0
Plastic Viscos	ity (cp)		@ 150 °F	23		24	Dir. BHA	5.500	2.	000		1,03	35'	Desand	ler				
Yield Point (lb	/100 ft²)		T0 = 4	12		11		CASIN	G & F	HOLE D	ATA			Desilte	er				
Gel Strength (	Ib/100 ft²)	10	) sec/10 min	7/9		8/11	Casing	OD (in.)	ID	(in.)	Depth	To	р	Centrifuç	ge 1			0	0.0
Gel Strength (	(lb/100 ft <sup>2</sup> )		30 min	10		13	Riser	20						VOLUN	IE ACC	OUN	ITING	(bb	ls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	4.4		4.4	Surface	10 3/4	9.	950	3,518	' 0'		Prev. T	otal on	Loca	ation	3	340.2
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	11,014	l' 0'		Transfe	erred In	(+)/O	ut(-)		439.0
Retort Solids	Content			15%		15%	Washout 1								Oil A	dde	(+) b		1.3
Corrected Sol	ids (vol%)			12.3%		12.2%	Washout 2								Barite A	dde	(+) b		0.0
Retort Oil Cor	ntent			60%		60%	Oper	n Hole Size	7.	880	11,762	2'		Other Pr	oduct L	Jsage	e (+)		6.2
Retort Water	Content			25%		25%	ANI	NULAR GE	ОМЕ	TRY & F	RHEOL	OGY		,	Water A	dde	(+) b		0.6
D/W Ratio				71:29		71:29	annulai	r me	as.	veloc	ity flo	w EC	D	Le	ft on Cu	utting	ıs (-)		0.0
Whole Mud C	hlorides (n	ng/L)		67,000		68,000	section	de	pth	ft/mi		eg lb/g	al		Mud on	Cutt	ings		
Nater Phase	Salinity (p	pm)		295,897		298,993								Non-Red	overab	le Vo	ol. (-)		
Whole Mud A	lkalinity, P	om		3.0		2.8	6.875x2.8	375 1,0	35'	0.0	la	m 10.3	34	Est. 7	otal on	Loca	ation _	3	787.3
Excess Lime (	(lb/bbl)			3.9 ppb		3.6 ppb								Est. Los	ses/Ga	ns (-	)/(+)		0.0
Electrical Stat	oility (volts)	)		456 v		452 v								BIT	HYDR/	ULI	CS D	ATA	
Average Spec	ific Gravity	y of Solid	ls	3.11		3.12								Bit H.S.I.	Bit ∆	Р	Nozzl	es (3	2nds)
Percent Low (	Gravity Sol	lids		6.9%		6.9%													
opb Low Grav	ity Solids			57 ppb		57 ppb								Bit Impact	Nozz Veloc				
Percent Barite	)			5.3%		5.4%			l					Force	(ft/se	-			
opb Barite		_		76 ppb		77 ppb	BIT D	l		nuf./Typ		1			<u> </u>				
Estimated Tot		System	ppb				Size	Depth In	Ho	ours	Footag	e ROP	ft/hr	Motor/M	WD (	Calc.	Circ.	Pres	sure
Sample Taker				N. Dilly	0	P. Blair	6 3/4												
Remarks/Reco			3861 bls				cores an POOH. F 7/8" tubii	nning Sch d lay dowr Rig down v ng to set c	n tool virelir emer	s. Pick ne. Cha nt plugs	up Sor nge ou . Pick u	nic Scanr It saver s Ip 4 1/2"	ner N sub. elev	NGI tool, F Rig up flo vators and	RIH, log or and	ope run	en ho 1,035	le, a b' of	nd 2
0	Patrick Blai 36-465-095 E C 1 1		Phone: 337-	carefully	and may b	432-686 recommende e used if the	AND \	hone: d orally or wri	WH#	2 rein, has	Rig P	hone:		T 252 F.  Daily Total  \$3,776.85	i		mulati 88,73		
	•	· ·	•	valiulty	or una milloffi	nauvii, aliu i		NCLUDING		DARTY	CHAR	CE6		\$3,776.85	. +	•	141,5	25.0	_

Date <b>08/16/21</b>	Operator MAG	NOLIA OIL		Well Name a RON	ind No. <b>MMEL UNIT</b>		Rig Name an		rt No. <b>Repo</b>	rt #12
		USAGE 8			<u> </u>		<u>.                                      </u>			LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		um	Cum Cos
			Inventory	Received	Inventory	Usage	Daily Cost	Us	sage	
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36	29		29				1	\$41.36
NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$19.75								
ALUMINUM TRISTEARATE	25# sk	\$162.83								
SOAP STICKS (ea)	each	\$7.00							77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
. ,										
CACL2 (50)	50# sk	\$14.32	248		168	80	\$1,145.60		112	\$1,603.84
LIME (50)	50# sk	\$5.00	550		550				230	\$1,150.00
OPTI - G	50# sk	\$30.59	210		210				130	\$3,976.70
BENTONE 38 (50)	50# sk	\$163.94	63		63					
BENTONE 910 (50)	50# sk	\$59.40	47		47				20	\$1,188.00
BENTONE 990 (50)	50# sk	\$83.59	42		42				32	\$2,674.88
OPTI - MUL	gal	\$10.75	550		495	55	\$591.25		605	· ,
OPTI - WET	gal	\$8.34	715		715				285	\$2,376.90
NEW PHALT	50# sk	\$38.72	214		214				73	\$2,826.56
OIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.00
NEW CARB (M)	50# sk	\$5.25	209	_	209	_			14	\$73.50
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25) MAGMAFIBER R (30)	25# sk 30# sk	\$28.05 \$28.05	267		267				42	\$1,178.10
VARISEAL		<b>V</b>								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1502		1502				801	\$5,607.00
- ( /										*-,
OPTI DRILL (OBM)	bbl	\$65.00	3338	439	3777				394	\$25,610.00
DISCOUNTED OBM	bbl	\$15.00								
		<u> </u>					<u> </u>	<u> </u>		
				_						
								<u> </u>		
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		22	\$660.00
ENGINEERING (MILES)	each	\$1.00								\$1,617.00
ENGINEERING	each	\$990.00				2	\$1,980.00		14	\$13,860.00
SCALE TICKET	each	\$15.00							1	\$15.00
FORKLIFT WITH OPERATOR	each	\$125.00							2	\$250.00
		\$2.65				·			1564	\$4,144.84
TRUCKING (cwt)	each	Ψ2.00								
	each	\$795.00							1	\$795.00
TRUCKING (min) PALLETS (ea)		\$795.00 \$12.00							60	\$720.00
TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each	\$795.00								\$795.00 \$720.00 \$636.00

Date		Well Name a	and No.		Rig Name an	id No.	Report No.			
08/16/21	MAG	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repoi	rt #12
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26	4405		4405				2175	\$4,915.50
Diesel 8/11/21	gal	\$2.23	7067		7067					1
										1
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									\$52,7	96.28
	Cumi	ılative Tota	I AES & 3rd	Party \$141	,535.20					
					-					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2				WEEK 3						
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21		8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4							
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762						
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762							
8.239	Footage Drilled	1,971	3,951	1,577	-	-	-			_		56	684	-			-	-	-	-	-	_
	New Hole Vol.	189	374	149	_	-	_	_	_	-	_	2	30	-	_	_	-	_	-	_	-	_
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,787	3,787	3,787	3,787	3,787	3,787
38	Chemical Additions	2	7	2	-						6	3	4	8	6					-		
571	Base Fluid Added	117	173	166		38					1	16		10	1							
56	Barite Increase											35	21									
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
71	Water Added	25	20	25											1							
-	Added for Washout																					
7,479	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	-	-	-	-	-		-
-	Surface Losses																					
-	Formation Loss																					
486	Mud Loss to Cuttings	104	206	81								6	89									
443	Unrecoverable Volume	27	100	128	30	89					54			15								
191	Centrifuge Losses	40	41	40								30	40									
1,120	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	-	-	-	-	-	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,787	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,787	3,787	3,787	3,787	3,787	3,787	3,787
	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21						
	1																					
4,171		8/4/21							8/11/21							8/18/21						
	•	8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/sta	ck flushing.		8/19/21						
		8/6/21									000' wet to p			additional 3 shakers wh		g <b>8/20/21</b>						
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	l. 507 Left	in casing.	8/14/21	TD. Lost	40bls to cei	ntrifuges wl	hile proces	ng and circ sing on acti and circulat	ve and	8/21/21						
		8/8/21							8/15/21	Lost 15bls	while finisl	ning POOH	and runnir	ng wireline l	ogs.	8/22/21						
		8/9/21							8/16/21		439bls of 1 eline opera		M from mu	d plant. No	losses	8/23/21						

### **OUTSOURCE FLUID SOLUTIONS LLC.**

3.9° 1,500' TVD

	NOLIA (	OIL & C	GAS		TTERSO	ON		HINGTO	N		07/14		24 hr ft	0 ft			11,7	62 ft	,
Well Name and No	MMEL	UNIT 3	н	Rig Name ar	nd No. <b>248</b>		State TI	EXAS		Spud Dat	<sup>te</sup> 07/14	/21	Curren	0 ft/hr		Activity	PO	ОН	
Report for			<u> </u>	Report for			Field / OCS-G #			Fluid Typ			Circula	ting Rate		Circulat	ting Pre		
Kevin	Burt/Ke	evin Co	oper	To	ol Pusi	her	GIDDI	NGS (AC	<b>C)</b>		ОВ	M		0 gpm			р	si	
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (BB	L)		PUMF	#1		PUMP #2		RIS	ER B	OOST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	519	) bbl	Liner	Size	4.75	Liner	Size 4.	75	Liner	Size		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	537	bbl 7	Stro	ke	12	Stro	oke 1	2	Stro	ke		
				8/17/21		8/16/21	Active	582	2 bbl	bbl/s	stk	0.0625	bbl	/stk 0.0	625	bbl/	/stk	0.00	)00
Time Sample	Taken			0:30		12:00	Storage	e <u>273</u>	<u>0 bbl</u>	stk/r	min	0	stk/	min (	0	stk/	min		
Sample Locat	ion			pit		pit	Tot. on Lo	cation 378	6 bbl	gal/r	min	0	gal/	min (	0	gal/	min	C	)
Flowline Temp	oerature °l	F						PHHP = 0			CIR	CULATI	ON DA	TA		n = 0	.729	K = 18	9.678
Depth (ft)				11,762'		11,762'	Bit	Depth = 1,5	500 '		V	/ashout =	= 5%		Pump	Effici	ency =	95%	,
Mud Weight (	opg)			10.2		10.2	Drill String	Volume	to Bit	12.0	bbl	Strokes	To Bit			Time 7	To Bit		
Funnel Vis (se	ec/qt)		@ 106 °F	77		67	Disp.	Bottoms U	p Vol.	51.4	bbl	BottomsU	Jp Stks		Botto	msUp	Time		
600 rpm				58		60	5.4 bbl	TotalCir	c.Vol.	582.5	5 bbl	TotalCi	rc.Stks		Tota	l Circ.	Time		
300 rpm				35		35		DRILLING	G ASS	SEMBL	Y DAT	Ά		s	OLID	s cor	NTRO	L	
200 rpm				27		27	Tubulars	OD (in.)	ID	(in.)	Len	gth -	Гор	Unit		Scre	ens	Hou	urs
100 rpm				17		18	Drill Pipe	4.500	3.	826	46	5'	0'	Shaker	1	17	70	24	.0
6 rpm				7		7	Other Pipe	2.875	2.	323	1,03	35' 4	165'	Shaker	2	17	70	24	.0
3 rpm				6		6	Collars	5.250	2.	688		1,	500'	Shaker	. 3	17	70	24	.0
Plastic Viscos	ity (cp)		@ 150 °F	23		25	Dir. BHA	5.500	2.	000		1	500'	Desand	der				
Yield Point (lb	/100 ft²)		T0 = 5	12		10		CASIN	IG & I	HOLE [	DATA			Desilte	er				
Gel Strength (	(lb/100 ft²)	10	sec/10 min	7/9		8/11	Casing	OD (in.)	ID	(in.)	Dep	th -	Гор	Centrifuç	ge 1			0.	0
Gel Strength (	(lb/100 ft <sup>2</sup> )	1	30 min	11		13	Riser	20						VOLUM	IE AC	cou	NTING	(bbl	s)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	4.0		4.8	Surface	10 3/4	9.	950	3,5	8'	0'	Prev. T	otal o	n Loc	ation	37	787.3
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	11,0	14'	0'	Transfe	erred li	n(+)/C	Out(-)		
Retort Solids	Content			15%		15%	Washout 1								Oil	Adde	d (+)		24.3
Corrected Sol	ids (vol%)	1		12.4%		12.4%	Washout 2								Barite	Adde	d (+)		0.0
Retort Oil Cor	ntent			58%		58%	Oper	n Hole Size	7.	.088	11,7	62'		Other Pr	roduct	Usag	e (+)		0.0
Retort Water	Content			27%		27%	AN	NULAR GE	ОМЕ	TRY &	RHEC	LOGY		,	Water	Adde	d (+)		0.6
O/W Ratio				68:32		68:32	annula	r me	eas.	velo		flow E	CD	Le	ft on C	Cutting	gs (-)		0.0
Whole Mud C	hlorides (r	mg/L)		64,000		65,000	section	n de	pth	ft/m	nin	reg lk	/gal		Mud o	n Cut	tings		
Water Phase	Salinity (p	pm)		270,974		274,048								Non-Red	covera	ble Vo	ol. (-)	-	-26.4
Whole Mud A	lkalinity, P	om		2.0		3.1	6.875x4	.5 40	65'	0.0	0	lam 1	0.24	Est. T	otal o	n Loc	ation	37	85.8
Excess Lime (	(lb/bbl)			2.6 ppb		4 ppb	6.875x2.8	375 1,5	500'	0.0	0	lam 1	0.24	Est. Los	ses/G	ains (	-)/(+)		0.0
Electrical Stat	oility (volts	)		366 v		388 v								ВІТ	HYDR	RAULI	CS D	ATA	
Average Spec	ific Gravit	y of Solid	S	2.99		2.94								Bit H.S.I.	Bit	ΔΡ	Nozz	es (32	inds)
Percent Low (	Gravity So	lids		7.9%		8.2%													
ppb Low Grav	ity Solids			65 ppb		68 ppb								Bit Impact	Noz Velo				
Percent Barite	)			4.5%		4.2%								Force	(ft/s	,			
ppb Barite				65 ppb		60 ppb	BIT D	ATA	Ma	anuf./Ty	/ре				<u> </u>				
Estimated Tot	al LCM in	System	ppb				Size	Depth In	H	ours	Foot	age RO	P ft/hr	Motor/M	WD	Calc	. Circ.	Pres	sure
Sample Taker	п Ву			N. Dilly	0	P. Blair	6 3/4												
Remarks/Reco	ommendati	ons:					Rig Activity:												
TOTAL OF	BM RECE	EIVED:	3861 bls				Wook th	rough ope	اه ما م	a ta ha	ttom	Circulat	o while	a waiting a				mais.	

Wash through open hole to bottom. Circulate while waiting on cementers to mix spacer (added diesel to reduce weight to 10.2ppg in/out). Bottom plug pumped 19.bls spacer, 13.3bls cement @ 17.5ppg, followed by 2.8bls spacer. Displaced with 147bls of 10.2ppg OBM. POOH t/11,075', insert nerf ball into saver sub and m/u top drive. Attempet to circulate ball out of pipe, pressured up to 4,500psi. Hooked up steel lines to cementers and attempted to pump and establish circulation unsuccessfully. POOH to trouble-shoot issues at report time. BHT 252 F.

	na. 1:	-	Ontrio	k Blai	r	Е,	na. 2:	Nlic	k Dillv	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	ig. i.	,	allic	K Diai			ıg. 2.	INIC	K Dilly	VV □ 1.	MIDLAND	WIT Z.	VVII #2	Rig Filone.	Daily Total	Cumulative Cost
Р	none:	93	36-46	5-095	52	Pł	none:	337-2	07-8848	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	E 1	C 0	g 1	G 1	H 1	O 1	carefully	and may be	used if the user		er, no representat	has been prepared ion is made as to the	\$2,040.00	\$90,778.92
												INCLUE	ING 3RD PAR	TY CHARGES	\$4,345.20	\$145,880.40

Monthly   Mont	SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50)	Unit 50# sk 5 gal gal 100# sk 25# sk each each 50# sk 50# sk 50# sk	\$44.56 \$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25	Previous Inventory	Received	Inventory 93	-	Daily Cost	-	Cum Usage	Cum Cost \$2,406.24
March   Marc	SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50)	50# sk 5 gal gal 100# sk 25# sk each each	\$44.56 \$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25	Inventory 93	Received	Inventory 93	-	Daily Cost		Usage 54	\$2,406.24
March   Marc	SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50)	50# sk 5 gal gal 100# sk 25# sk each each	\$44.56 \$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25	Inventory 93	Received	Inventory 93	-	Daily Cost		Usage 54	\$2,406.24
SPAN LIGHT COMPANY   SPAN	PHPA LIQUID (pail)  EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)	5 gal gal 100# sk 25# sk each each 50# sk 50# sk	\$41.36 \$14.00 \$19.75 \$162.83 \$7.00 \$11.25						_		
EVALUATE ORD STATE	EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)	gal 100# sk 25# sk each each 50# sk 50# sk	\$14.00 \$19.75 \$162.83 \$7.00 \$11.25	29		29				1	C 11 3
NEW CELL PREMIUM A 1000 6 4 310.75	NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50)	100# sk 25# sk each each 50# sk 50# sk 50# sk	\$19.75 \$162.83 \$7.00 \$11.25						F		φ41.30
ALLIAMANIA INSISTRAPATE  25 each  26 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  27 5000  28 each  28 ea	ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50)	25# sk each each 50# sk 50# sk 50# sk	\$162.83 \$7.00 \$11.25			i			_		
SAPP STICK (66)	SAPP STICK (ea)  CACL2 (50)  LIME (50)	50# sk 50# sk 50# sk	\$11.25								
CACCU (100)	CACL2 (50) LIME (50)	50# sk 50# sk 50# sk								77	\$539.00
IMME (B)	LIME (50)	50# sk 50# sk								77	\$866.25
IMME (B)	LIME (50)	50# sk 50# sk							_		
IMME (B)	LIME (50)	50# sk 50# sk	T 01/122	160		160			-	112	¢1 602 9
SPIT-06		50# sk									
SENTONE 910 (90)			<u> </u>			-					
BENTONE 990 (20)  509 ex 980.590  70PT1. WET  981  981  983.94  710  710  710  710  710  710  710  71		50# sk				-					* - / -
OPT1 - MILL 991 510.75 906 38.04 75 775 775 888 52.786 90 9071 - WET 991 83.04 775 775 901 858.05 27.786 905 85.05.07 1 888 52.786 90 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05.07 1 888 52.786 901 80.05 85.05 901 80.05 85.05 901 80.05 85.05 901 80.05 901 80.05 85.05 901 80	BENTONE 910 (50)	50# sk	\$59.40	47		47				20	\$1,188.00
OPTI-VET	BENTONE 990 (50)	50# sk	\$83.59	42		42				32	\$2,674.88
NEW HART	OPTI - MUL	gal	\$10.75	495		495				605	\$6,503.75
SE   SE   SE   SE   SE   SE   SE   SE		gal		715		-			_		\$2,376.90
NEW CARES (M)									_		- '
CYBERSEAL  256 sk. 521.47  MGAMAPIBER (25)  256 sk. 528.05  256 sk. 528.05  257 257  MAGAMAPIBER (25)  258 sk. 528.05  258 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  307 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.04  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAP	OIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.00
CYBERSEAL  256 sk. 521.47  MGAMAPIBER (25)  256 sk. 528.05  256 sk. 528.05  257 257  MAGAMAPIBER (25)  258 sk. 528.05  258 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  307 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.04  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAP											
CYBERSEAL  256 sk. 521.47  MGAMAPIBER (25)  256 sk. 528.05  256 sk. 528.05  257 257  MAGAMAPIBER (25)  258 sk. 528.05  258 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  306 sk. 528.05  MAGAMAPIBER (20)  307 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  308 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAPIBER (20)  309 sk. 528.04  MAGAMAPIBER (20)  309 sk. 528.05  MAGAMAP									-		
MAGMAPRIBER (25)		-		209		209				14	\$73.50
MAGNAHBERR (30) 30 ft sk		-							_		
VARISEAL FIDER PLUG Sub M. S30.37 NUT PLUG M (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 40 GRAPHITE POWDER F (50) Sub M. S10.28 40 40 40 40 40 40 40 40 40 40 40 40 40				267		267			_	42	\$1,178.10
FIREE PLUG  909 98 \$30.97  MICA F (50)  509 88 \$12.28 40 40  GRAPHITE POWDER F (50)  509 98 \$22.14 64 64 64  FRANCE (SACK BARITE)  1009 98 \$7.00 1502 1502  801 \$5.007.0  BARTE BULK (100)  1009 98 \$7.00 1502 1502  801 \$5.007.0  802 \$11.50 80 80 80  801 \$5.007.0  803 \$11.50 80 80 80  801 \$5.007.0  804 \$11.50 80 80 80  805 \$15.00 \$100 \$100 \$100 \$100 \$100 \$100 \$100 \$	· ·	30# sk	\$28.05						_		
NUT PILLS M (50)  S08 sk  \$10.28  40  40  40  40  FRAPHITE POWDER F (50)  S08 sk  \$20.14  64  64  64  64  64  66  67  68APHITE POWDER F (50)  S08 sk  \$21.24  64  64  64  64  66  67  68APHITE POWDER F (50)  S08 sk  \$21.48  64  64  64  66  67  68APHITE POWDER F (50)  S08 sk  \$21.50  S08 sk  S08		20# ale	¢20.27						-		
MICA F (50)									-		
GRAPHITE POWDER F (50)		-		40		40					
NEW WATE (SACK BARITE) 100# sk \$11.50 80 80 80 80 80 80 80 80 80 80 80 80 80		-									
BARTE BULK (100) 100# sk \$7.00 1502 1502   801 \$5,607.0   801 \$5,6	GIVETHIET GWBERT (56)	30# 3K	Ψ24.14	04		0-1					
BARTE BULK (100) 100# sk \$7.00 1502 1502   801 \$5,607.0   801 \$5,6											
BARTE BULK (100) 100# sk \$7.00 1502 1502   801 \$5,607.0   801 \$5,6											
BARTE BULK (100) 100# sk \$7.00 1502 1502   801 \$5,607.0   801 \$5,6											
	NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
DISCOUNTED OBM   bbl   \$15.00	BARITE BULK (100)	100# sk	\$7.00	1502		1502				801	\$5,607.00
DISCOUNTED OBM   bbl   \$15.00									L		
DISCOUNTED OBM   bbl   \$15.00									_		
DISCOUNTED OBM   bbl   \$15.00									L		
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DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00											
DISCOUNTED OBM   bbl   \$15.00									_		
DISCOUNTED OBM   bbl   \$15.00	OPTI DRILL (OBM)	bbl	\$65.00	3777		3777				394	\$25,610.00
ENGINEERING (24 HR) each \$925.00											
ENGINEERING (DIEM) bbl \$30.00	DISCOUNTED OBM	bbl	\$15.00								
ENGINEERING (DIEM) bbl \$30.00									L		
ENGINEERING (DIEM) bbl \$30.00									L		
ENGINEERING (DIEM) bbl \$30.00								<del> </del>	F		
ENGINEERING (DIEM) bbl \$30.00								<del>                                     </del>	F		
ENGINEERING (DIEM) bbl \$30.00									-		
ENGINEERING (DIEM) bbl \$30.00									F		
ENGINEERING (DIEM) bbl \$30.00									F		
ENGINEERING (DIEM) bbl \$30.00									ļ		
ENGINEERING (DIEM) bbl \$30.00	ENGINEERING (24 HR)	each	\$925.00						-	8	\$7,400.00
ENGINEERING       each       \$990.00       2       \$1,980.00       16       \$15,840.0         SCALE TICKET       each       \$15.00       1       15.00       1       15.00       1       2       \$250.0       1       2       \$250.0       1       1564       \$4,144.8       \$4,144.8       1       \$795.0       1       \$795.0       1       \$795.0       1       \$795.0       1       \$795.0       \$720.0       \$720.0       \$720.0       \$720.0       \$720.0       \$730.	ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00			\$720.00
SCALE TICKET       each       \$15.00       1       \$15.00         FORKLIFT WITH OPERATOR       each       \$125.00       2       \$250.0         TRUCKING (cwt)       each       \$2.65       3       1564       \$4,144.8         TRUCKING (min)       each       \$795.00       3       60       \$720.0         SHRINK WRAP (ea)       each       \$12.00       3       53       \$636.0	ENGINEERING (MILES)	each	\$1.00							1617	\$1,617.00
FORKLIFT WITH OPERATOR each \$125.00	ENGINEERING	each	\$990.00				2	\$1,980.00		16	\$15,840.00
TRUCKING (cwt)     each     \$2.65     1564     \$4,144.8       TRUCKING (min)     each     \$795.00     1     \$795.0       PALLETS (ea)     each     \$12.00     60     \$720.0       SHRINK WRAP (ea)     each     \$12.00     53     \$636.0	SCALE TICKET	each	\$15.00							1	\$15.00
TRUCKING (min)       each       \$795.00       1       \$795.0         PALLETS (ea)       each       \$12.00       60       \$720.0         SHRINK WRAP (ea)       each       \$12.00       53       \$636.0		each	\$125.00								\$250.00
PALLETS (ea)		each									
SHRINK WRAP (ea)         each         \$12.00         53         \$636.0	,								L		\$795.00
								<u> </u>	L		\$720.00
Daily Sub-Total \$2,040.00	SHRINK WRAP (ea)	each	\$12.00						, ⊢	53	\$636.00
			Daily S	ub-Total \$2	2.040.00	Cumulati	ve Total \$	90,778.92		\$90.7	78.92

Date	Operator			Well Name a	ınd No.		Rig Name ar	id No.	Report No.	
08/17/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	2	48	Repo	rt #13
	DAILY	USAGE 8	& COST						CUMUL	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38						_	7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32						_		\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32						_		
Diesel Transfer F/Rommel 4H	gal	\$2.26	4405		3385	1020	\$2,305.20	_	3195	\$7,220.70
Diesel 8/11/21	gal	\$2.23	7067		7067		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			, , ,
								_		
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								<b> </b>		
					Daily S	ub-Total \$2	2,305.20		\$55.1	01.48
						<b></b> -			, .	-
					-	1				
	Cum	ulative Total	AES & 3rd	Party \$145	,880.40					
						ı				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762					
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762						
8.239	Footage Drilled	1,971	3,951	1,577	-	-	-	-	_	-	-	56	684	-	-	-	-	-	_	-	_	-
	New Hole Vol.	189	374	149	-	_	_	-	_	-	_	2	30	_	-	_	_	-	-	_	_	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,786	3,786	3,786	3,786	3,786
38	Chemical Additions	2	7	2	0,0.0	0,0.0		0,			6	3	4	8	6	٥,. ٠.	0,100	0,100	0,. 00	0,100	0,	
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24						+
	Barite Increase		170	100								35	21	10								+
	Weighted Mud Added			474			2,915				2,915				439							†
-	Slurry Added						2,0.0				2,0.0				.00							†
72	Water Added	25	20	25											1	1						1
-	Added for Washout																					
7.504	Total Additions	144	200	667	-	38	2,915	-	-	-	2.922	54	74	18	447	25	-	-	-	-	-	-
7,004	Surface Losses						_,0.0				_,	•										+
	Formation Loss																					+
	Mud Loss to Cuttings	104	206	81								6	89									+
	Unrecoverable Volume	27	100	128	30	89					54	-		15		26						+
	Centrifuge Losses	40	41	40	- 00						01	30	40	10								+
				1	1	l	1	1		l							l	1	l			
		171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	-	-	-	-	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,786	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,786	3,786	3,786	3,786	3,786	3,786
-	Mud Recovered																					
	•			C	omment	s:					С	omment	s:					С	omment	s:		
	1	8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cer	unrecovera ment job.	able while I	POOH wet	due to pluç	gged pipe
4,171		8/4/21							8/11/21							8/18/21						
		8/5/21	474 BBLS	14 # recei	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	ind line/stad	ck flushing.		8/19/21						
		8/6/21									00' wet to p			additional 3 shakers wh		8/20/21						
		8/7/21	2961 BBL	S Transferi	red T/ Romi	mel Unit 4H	H. 507 Left	in casing.	8/14/21	TD. Lost 4	l0bls to cer	ntrifuges wh	nile process	ng and circusing on action	ve and	8/21/21						
		8/8/21							8/15/21	Lost 15bls	while finish	ning POOH	and runnir	ıg wireline l	ogs.	8/22/21						
			8/16/21 Received 439bls of 17.5pp during wireline operatons.																			

110 Old Market St. St Martinville, LA 70582

### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

0' TVD

Operator MAG	NOLIA (	OIL &	GAS	Contractor PA	TTERSO	ON	County / Parish /	Block HINGT(	ON	Engineer Start 07/1	Date <b>4/21</b>	24 hr f	tg. Oft		Drilled I		62 ft
Well Name and No	MMEL	UNIT 3	ВН	Rig Name ar	nd No. <b>248</b>		State <b>TE</b>	EXAS		Spud Date <b>07/1</b>	4/21	Currer	0 ft/hr		Activity	РО	ОН
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate		Circulat	ting Pre	
Kevin	Burt/Ke		-		ol Pusi	ner		NGS (A			3M		0 gpm				si
	I	ı	RTY SPECIF	ı	ı		MUD VO				IP #1		PUMP #2				OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		30 bbl	Liner Size	4.75			.75		Size	
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		42 bbl	Stroke	12			12	Stro		
	<del></del>			8/18/21		8/17/21	Active		30 bbl	bbl/stk	0.062			0625		/stk	0.0000
Time Sample				0:30		12:00	Storage	· <u>-</u>	704 bbl	stk/min	0		/min	0	stk/		
Sample Locat				pit		pit	Tot. on Loc			gal/min	0	Ŭ	/min	0	ŭ	min	0
Flowline Tem	oerature °F			44.700		44 700		PHHP =		C	IRCULA		TA				K = 131.956
Depth (ft)				11,762'		11,762'	ь	Bit Depth			Washou			<del>.</del>			= 95%
Mud Weight (				10.3		10.2	Drill String Disp.		ne to Bit			es To Bit			Time		
Funnel Vis (se	ec/qt)		@ 121 °F	55		52		Bottoms	•			sUp Stks			msUp		
600 rpm				49		51	0.0 bbl			430.0 bbl		Circ.Stks		ļ	al Circ.		
300 rpm				29 21		31				SEMBLY DA	ATA			SOLID			
200 rpm	•					23	Tubulars	,	•	` '	ngth	Тор	Uni		Scre		Hours
100 rpm	•					15	Drill Pipe	4.500	3.	826	0'	0'	Shake	r 1	17		18.0
6 rpm	rpm					6	Other Pipe					0'	Shake	r 2	17	70	18.0
3 rpm				4		5	Collars	5.250	2.	688		0'	Shake	r 3	17	70	18.0
Plastic Viscos	ity (cp)		@ 150 °F	20		20	Dir. BHA	5.500	2.	000		0'	Desan	der			
Yield Point (lb	/100 ft <sup>2</sup> )		T0 = 3	9		11				HOLE DATA	4		Desilt	er			
Gel Strength	(lb/100 ft²)	10	0 sec/10 min	6/8		7/10	Casing	OD (in.	) ID	(in.) De	epth	Тор	Centrifu	ge 1			0.0
Gel Strength	(lb/100 ft <sup>2</sup> )		30 min	9		12	Riser	20					VOLU	ME AC	COU	NTINC	G (bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	3.0		4.4	Surface	10 3/4	9.	950 3,	518'	0'	Prev.	Total c	n Loc	ation	3785.8
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 11	,014'	0'	Transf	erred I	n(+)/C	Out(-)	
Retort Solids	Content			15.5%		14%	Washout 1							Oil	Adde	ed (+)	51.5
Corrected Sol	ids (vol%)			12.5%		11.2%	Washout 2							Barite	Adde	ed (+)	7.1
Retort Oil Cor	ntent			58.5%		60%	Oper	n Hole Siz	ze 7.	088 11	,762'		Other F	roduct	Usag	je (+)	8.6
Retort Water	Content			26%		26%	ANI	NULAR (	SEOME	TRY & RHE	OLOGY			Water	Adde	ed (+)	
O/W Ratio				69:31		70:30	annulai		neas.	velocity	flow	ECD	L	eft on (	Cutting	gs (-)	0.0
Whole Mud C	hlorides (n	ng/L)		72,000		70,000	section	1	depth	ft/min	reg	lb/gal		Mud o	on Cut	tings	
Water Phase	Salinity (p	pm)		302,766		296,852							Non-Re	covera	ble Vo	ol. (-)	-176.8
Whole Mud A	lkalinity, P	om		1.8		2.5							Est.	Total o	n Loc	ation	3676.2
Excess Lime	(lb/bbl)			2.3 ppb		3.3 ppb							Est. Los	sses/G	ains (	-)/(+)	0.0
Electrical Stat	oility (volts)	)		343 v		355 v							ВІТ	HYDF	RAULI	ICS D	ATA
Average Spec	ific Gravity	y of Solid	ds	2.97		3.14							Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds)
Percent Low (	Gravity Sol	lids		8.1%		6.1%											
ppb Low Grav	rity Solids			67 ppb		50 ppb							Bit Impac	1	zzle ocity		
Percent Barite	- <del></del>			4.4%		5%							Force		sec)		
ppb Barite				63 ppb		72 ppb	BIT D	ATA	Ma	anuf./Type							
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n H	ours Foo	otage R	OP ft/hr	Motor/N	IWD	Calc	. Circ.	. Pressure
Sample Taker	n By			N. Dilly	0	P. Blair	6 3/4										
Remarks/Reco	nmendatio	one:					Ria Activity:		•	•	1						

TOTAL OBM RECEIVED: 3861 bls

PLAN FORWARD: Weigh up active system to 10.5ppg

Treating active system with Bentone 910/990, Mul, & Lime.

Adding diesel to increase oil concentration and to oil wet barite during weigh up.

Rig Activity:

Finish laying down tubing plugged with cement. Pick up 1,056' of new 2 7/8" tubing and TIH T/10,887. Install rotating head. Wash/Ream 5 stands T/11,347' MD then circulate B/U. Diverted 113bbls OBM/spacer into open top for disposal. Added diesel to account for previous water incorporation from bottom plug cement job while circulating waiting on cementers. Rig up cement equipment and pump 31.8bls spacer, 34.8bls 17.5ppb cement, 14.2bls spacer & chased it with 128.2bls of active mud. Pull up to 10,460' and circulate B/U. Dumped 63bls of spacer interface to open top. Drop nerf ball and circulate S/S. Flow check and POOH. Finished laying down 2 7/8" tubing at report time. BHT 252 F.

Eı	ng. 1:		Patric	k Blai	ir	En	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	9	36-46	5-095	52	Ph	one:	337-2	07-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 0	C 2	g 1	G 1	H 1	O 1	carefully	and may be	ecommendation, exp used if the user so ation, and this is a r	elects, however	, no representation	nas been prepared on is made as to the	\$13,549.04	\$104,327.96
												INCLUDI	NG 3RD PAR	TY CHARGES	\$18.064.52	\$163.944.92

Date <b>08/18/21</b>	Operator MAGI	NOLIA OIL		Well Name a	ind No. <b>VMEL UNIT</b>		Rig Name ar		ort #14
	DAILY	USAGE 8	k COST				I.		JLATIVE
ltom			Previous	Received	Closing	Daily	Daily Cost	Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93				\$2,406.24
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	29		29				1 \$41.36
NEW GEL (PREMIUM)	gal 100# sk	\$14.00							
ALUMINUM TRISTEARATE	100# 3K	ψ19.73							
SOAP STICKS (ea)	each	\$7.00						-	7 \$539.00
SAPP STICK (ea)	each	\$11.25							7 \$866.25
CACL2 (50)	50# sk	\$14.32	168		56	112	\$1,603.84	22	4 \$3,207.68
LIME (50)	50# sk	\$5.00	550		550				\$1,150.00
OPTI - G	50# sk	\$30.59	210		210			13	30 \$3,976.70
BENTONE 38 (50)	50# sk	\$163.94	63		63				
BENTONE 910 (50)	50# sk	\$59.40	47		47				10 \$1,188.00
BENTONE 990 (50)	50# sk	\$83.59	42		42	440	£4.400.50		\$2,674.88
OPTI - MUL	gal	\$10.75	495		385	110	<u> </u>	7	
OPTI - WET NEW PHALT	gal	\$8.34	715		660 214	55	\$458.70		\$2,835.60 3 \$2,826.56
OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	214 73		73				3 \$2,826.56 4 \$19.00
OIL SORB (25)	25# SK	<b>Φ4.75</b>	13		73				4 \$19.00
NEW CARB (M)	50# sk	\$5.25	209		209				4 \$73.50
CYBERSEAL	25# sk	\$21.47							
MAGMAFIBER F (25) MAGMAFIBER R (30)	25# sk 30# sk	\$28.05 \$28.05	267		267				2 \$1,178.10
VARISEAL									
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04							
MICA F (50)	50# sk	\$10.28	40		40				
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64				
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80				
BARITE BULK (100)	100# sk	\$7.00	1502		1400	102	\$714.00	90	3 \$6,321.00
Britine Boek (100)	100# 31	ψ1.00	1002		1400	102	ψ/ 14.00		νο, σε τ.σο
OPTI DRILL (OBM)	bbl	\$65.00	3777	-439		101	\$6,565.00	49	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50		439	439				
DISCOUNTED OBM	bbl	\$15.00							
		-							-
		-							
	1	<b>.</b>							-
					+				
ENGINEERING (24 HR)	each	\$925.00							8 \$7,400.00
	each bbl	\$925.00 \$30.00				2	\$60.00		
ENGINEERING (DIEM)						2 175	\$60.00 \$175.00		86 \$780.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING	bbl	\$30.00					\$175.00	179	26 \$780.00 2 \$1,792.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				175	\$175.00	179	\$780.00 \$2 \$1,792.00 \$ \$17,820.00
Engineering (Diem) Engineering (Miles) Engineering	bbl each each	\$30.00 \$1.00 \$990.00				175 2	\$175.00 \$1,980.00	179	2 \$1,792.00 8 \$17,820.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	bbl each each each	\$30.00 \$1.00 \$990.00 \$15.00				175 2	\$175.00 \$1,980.00	179	16 \$780.00 12 \$1,792.00 8 \$17,820.00 2 \$30.00 2 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	bbl each each each	\$30.00 \$1.00 \$990.00 \$15.00				175 2	\$175.00 \$1,980.00	179	26 \$780.00 22 \$1,792.00 8 \$17,820.00 2 \$30.00 2 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	bbl each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65				175 2 1	\$175.00 \$1,980.00 \$15.00	179	66 \$780.00 12 \$1,792.00 8 \$17,820.00 2 \$30.00 2 \$250.00 14 \$4,144.84
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00				175 2 1	\$175.00 \$1,980.00 \$15.00	156	66 \$780.00 12 \$1,792.00 8 \$17,820.00 2 \$30.00 2 \$250.00 4 \$4,144.84 2 \$1,590.00

ate	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
08/18/21	MAGI	NOLIA OIL	& GAS	ROM	MMEL UNIT	Г ЗН	24	48	Repo	rt #14
	DAILY	USAGE 8	COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	_	Cum Usage	Cum Cos
iesel Transfer F/Rommel 4H	gal	\$2.39						-		
liesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.0
NESEL 08/03/21	gal	\$2.34								\$16,845.
Diesel 7200	gal	\$2.32								\$13,899.
viesel 7000 gal 08-04-2021		\$2.32							3331	ψ15,099.
	gal		2005		4007	4000	<b>#</b> 4.545.40		5400	<b>#44.700</b>
iesel Transfer F/Rommel 4H	gal	\$2.26	3385		1387	1998	\$4,515.48	-	5193	\$11,736.
liesel 8/11/21	gal	\$2.23	7067		7067					
liesel 8/17/21	gal	\$2.23		7200	7200					
								_		
								<u> </u>		
								Ī		
		<u> </u>	<u> </u>							
					Daily S	ub-Total \$4	,515.48		\$59,6	16.96
	_			l				L		

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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					
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762				
	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	, -				+
	· ·		· ·	1,577	-		-	-	-	-	-	56	684	- 11,702	-	-	- 11,702	_	_	_	_	<u> </u>
	Footage Drilled	1,971	3,951		-		-	-	-			2	30	-	-	-	-	-	-		-	<del>-</del>
	New Hole Vol.	189	374	149						-	-									-		
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,676	3,676	3,676	3,676
	Chemical Additions	2	7	2							6	3	4		6		8					
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51					
	Barite Increase											35	21				7					
	Weighted Mud Added			474			2,915				2,915				439							
	Slurry Added																					
72	Water Added	25	20	25											1	1						
-	Added for Washout																					
7,570	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
486	Mud Loss to Cuttings	104	206	81								6	89									
	Unrecoverable Volume	27	100	128	30	89					54			15		26	176					
191	Centrifuge Losses	40	41	40								30	40									
1,322	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	-	-	-	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,676	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,676	3,676	3,676	3,676	3,676
-	Mud Recovered																					
				C	omment	s:					C	omment	s:					С	omment	s:		
													<del>-</del>							<del>-</del>		
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cer	unrecovera nent job.	able while I	POOH wet	due to pluç	ged pipe
	]																	13bls of m				
4,171		8/4/21							8/11/21							8/18/21	and additi	onal 63bls	of mud/spa	cer interfac	e from 2nd	cement
		8/5/21	474 BBLS	14 # recei	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/sta	ck flushing.		8/19/21						
						000' wet to			additional 3 shakers wh		8/20/21											
		I. 507 Left	in casing.	8/14/21	TD. Lost	40bls to ce	ntrifuges wh	nile proces	ng and circ sing on acti and circulat	ve and	8/21/21											
		8/8/21							8/15/21	Lost 15bls	while finis	ning POOH	and runnir	ng wireline	logs.	8/22/21						
				8/16/21		439bls of 1 eline opera		M from mu	d plant. No	losses	8/23/21											

**Report #15** TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

0' TVD

Operator <b>MAGI</b>	NOLIA (	OIL & G	SAS	Contractor PA	TERSO	)N	County / Parish /	Block HINGTO	N	Engineer Start	Date 14/21	24 hr	ftg. O f1	:	Drilled		22 ft	
Well Name and No.				Rig Name ar			State			Spud Date	4.4/0.4	Curre	nt ROP		Activity		<b></b>	
Report for	MMEL	UNII 3	H	Report for	248		Field / OCS-G #	EXAS		O/// Fluid Type	14/21	Circul	0 ft/l ating Rate	nr	Circula	PO ting Pre		
BRANDON	PARKS	JAME	ES DYER	То	ol Pusi	ner	GIDDI	NGS (A	C)	o	вм		0 gp	m		p	si	
	MUD	PROPER	TY SPECIF	ICATION	S		MUD VO	LUME (BI	BL)	PUI	MP #1		PUMP	#2	RIS	ER B	oost	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	46	2 bbl	Liner Size	4.	75 Line	er Size	4.75	Line	Size		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	50	6 bbl	Stroke	1	2 St	roke	12	Str	oke		
				8/19/21		8/18/21	Active	46	2 bbl	bbl/stk	0.0	625 bb	ol/stk	0.0625	bbl	/stk	0.00	000
Time Sample	Taken			0:30		15:00	Storage	e <u>270</u>	04 bbl	stk/min	(	) stł	k/min	0	stk	/min		
Sample Locati	on			pit		pit	Tot. on Lo	cation 367	72 bbl	gal/min	(	) ga	l/min	0	gal	/min	0	)
Flowline Temp	erature °F	=						PHHP = 0	)	C	IRCUL	ATION D	ATA		n = (	).710	K = 200	0.341
Depth (ft)				11,022'		10,690'	E	Bit Depth =	: '		Wash	out = 5%		Pum	o Effici	ency:	= 95%	)
Mud Weight (p	pg)			10.6		10.6	Drill String	Volume	e to Bit	0.0 bbl	Str	okes To Bi	t		Time	To Bit		
Funnel Vis (se	c/qt)		@ 117 °F	54		61	Disp.	Bottoms l	Jp Vol.	0.0 bbl	Botto	msUp Stks	3	Bott	omsUp	Time		
600 rpm				54		57	0.0 bbl	TotalC	irc.Vol.	462.0 bbl	То	talCirc.Stks	5	Tot	al Circ.	Time		
300 rpm				33		34		DRILLIN	G ASS	SEMBLY D	ATA			SOLIE	s co	NTRC	L	
200 rpm				24		25	Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	ι	Jnit	Scr	eens	Hou	urs
100 rpm				16		17	Drill Pipe	4.500	3.	826	0'	0'	Sha	ıker 1	1	70	9.0	0
6 rpm				6		6	Hevi Wt					0'	Sha	iker 2	1	70	9.0	0
3 rpm				5		5	Collars					0'	Sha	ıker 3	1	70	9.0	0
Plastic Viscosi	ity (cp)		@ 150 °F	21		23	Dir. BHA					0'	Des	ander				
Yield Point (lb/	/100 ft²)		T0 = 4	12		11		CASII	NG & I	HOLE DAT	Α		De	silter				
Gel Strength (	lb/100 ft²)	10	sec/10 min	6/9		6/9	Casing	OD (in.)	ID	(in.)	epth	Тор	Centi	ifuge 1			0.0	0
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	10		12	Riser	20					VOL	UME A	ccou	NTING	3 (bbl:	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	5.6		3.0	Surface	10 3/4	9.	950 3	,518'	0'	Pre	v. Total	on Loc	ation	36	676.2
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 11	1,014'	0'	Trai	nsferred	In(+)/0	Out(-)		
Retort Solids (	Content			16.5%		16%	Washout 1							0	il Adde	ed (+)		44.5
Corrected Soli	ds (vol%)			13.4%		12.9%	Washout 2							Barit	e Adde	ed (+)		13.9
Retort Oil Con	tent			56.5%		56%	Oper	n Hole Size	e 7.	088 11	1,022'		Othe	r Produc	t Usaç	ge (+)		4.0
Retort Water (	Content			27%		28%	AN	NULAR G	EOME	TRY & RH	EOLOG	Υ		Wate	r Adde	ed (+)		
O/W Ratio				68:32		67:33	annula	r m	eas.	velocity	flow	ECD		Left on	Cuttin	gs (-)		0.0
Whole Mud Ch	nlorides (n	ng/L)		75,000		76,000	section	ı de	epth	ft/min	reg	lb/gal		Mud	on Cu	ttings		
Water Phase	Salinity (p	om)		303,417		298,552							Non-	Recover	able V	ol. (-)	-	-66.5
Whole Mud Al	kalinity, P	om		3.2		3.8							Es	st. Total	on Loc	ation	36	672.1
Excess Lime (	lb/bbl)			4.2 ppb		4.9 ppb							Est.	_osses/0	Gains (	(-)/(+)		0.0
Electrical Stab	ility (volts)	)		388 v		470 v							E	BIT HYD	RAUL	ICS D	ATA	
Average Spec	ific Gravity	y of Solids	5	3.09		3.12							Bit H.S	S.I. Bi	t ∆P	Nozz	les (32	!nds)
Percent Low G	Gravity Sol	ids		7.7%		7.2%												
ppb Low Grav	ity Solids			63 ppb		60 ppb							Bit Imp	act  <sub>Ve</sub>	zzle locity			_
Percent Barite				5.7%		5.7%							Force	2	sec)			
ppb Barite				82 ppb		81 ppb	BIT D	ATA	Ma	anuf./Type								
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	otage	ROP ft/hi	Moto	r/MWD	Calc	. Circ	Press	sure
Sample Taken	Ву			N. Dilly	0	M Washburn	6 3/4											
Remarks/Reco	mmendation	ons:					Rig Activity:											

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: No treatment until heat and shear are applied

to the drilling fluid to determine further chemical additions.

Complete BOP test. Make up mill tooth bit and trip in hole with 4-1/2" drillpipe 10,617' where cement was tagged. Drill cement from 10,617' to 11,022'(8' of open hole). Weighed up surface system during trip from 10.2 to 10.5. Pretreated with OPTIMUL, Lime, and Bentone 910/990. While drilling cement a 10.5ppg was maintained in active system. Circulated hole clean after drill out, flow check, and POOH. Currently picking up directional tools to TIH and kick off of top plug. BHT 252 F.

ng. 1: hone:		k Blai		ng. 2:		ck Dilly 207-8848	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
P 1					O 1	Any opir carefully	nion and or re	ecommendation, exp	pressed orally of elects, however	, no representation	nas been prepared on is made as to the	\$6,602.35	\$110,930.31
									INCLUDI	NG 3RD PAR	TY CHARGES	\$10,693.64	\$174,638.56

Date <b>08/19/21</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a ROI	IND NO. MMEL UNIT	3H	Rig Name an		port No. <b>Repo</b>	rt #15
	DAILY	USAGE 8	& COST				I.		CUMU	LATIVE
			Previous		Closing	Daily			Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00						_		
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk	\$19.75								
SOAP STICKS (ea)	each	\$7.00						-	77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
		*****								V 3 3 3 1 2 1
CACL2 (50)	50# sk	\$14.32	56	448	504			_	224	· ,
OPTI - G	50# sk	\$5.00	550 210	100 40	600 250	50	\$250.00	_	280	· ,
BENTONE 38 (50)	50# sk 50# sk	\$30.59 \$163.94	63	40	63				130	\$3,976.70
BENTONE 910 (50)	50# sk	\$59.40	47	40	83	4	\$237.60		24	\$1,425.60
BENTONE 990 (50)	50# sk	\$83.59	42	40	74	8	\$668.72		40	
OPTI - MUL	gal	\$10.75	385	220	550	55	\$591.25		770	· ,
OPTI - WET	gal	\$8.34	660		660				340	
NEW PHALT	50# sk	\$38.72	214	40	254				73	
OIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.00
-										
NEW CARB (M)	50# sk	\$5.25	209		209				14	\$73.50
CYBERSEAL MACMAFIRED F (25)	25# sk	\$21.47	267	48	045				42	¢4 470 40
MAGMAFIBER F (25) MAGMAFIBER R (30)	25# sk 30# sk	\$28.05 \$28.05	267	48	315			_	42	\$1,178.10
VARISEAL	30# SK	\$20.05								
FIBER PLUG	30# sk	\$30.37						-		
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
NEW WATE (SACK BARITE)	100# sk	\$11.50			80					
BARITE BULK (100)	100# sk	\$7.00	1400		1200	200	\$1,400.00		1103	\$7,721.00
								_		
								_		
								-		
ODTI DDILL (ODA)		005.00	2027		0000				4	#00 4 <b>7</b> 5 5
OPTI DRILL (OBM) OPTIDRILL 17.5 PPG	bbl	\$65.00 \$89.50	3237 439		3237 439				495	\$32,175.00
DISCOUNTED OBM	bbl	\$89.50 \$15.00	439		439					
	201	Ţ.5.00								
		ı ———								
					ı — T		I			]
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00				2	\$60.00		8 28	
	+					2	\$60.00		28	\$840.00
ENGINEERING (DIEM)	bbl	\$30.00					\$60.00		28 1792	\$840.00 \$1,792.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	bbl each	\$30.00 \$1.00 \$990.00 \$15.00							28 1792 20 2	\$840.00 \$1,792.00 \$19,800.00 \$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	bbl each each each	\$30.00 \$1.00 \$990.00 \$15.00				2	\$1,980.00		28 1792 20 2 2	\$840.00 \$1,792.00 \$19,800.00 \$30.00 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	bbl each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65					\$1,980.00		28 1792 20 2 2 2 1958	\$840.00 \$1,792.00 \$19,800.00 \$30.00 \$250.00 \$5,187.61
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00				394	\$1,980.00 \$1,042.78		28 1792 20 2 2 1958 2	\$840.00 \$1,792.00 \$19,800.00 \$30.00 \$250.00 \$5,187.61 \$1,590.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	bbl each each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00 \$12.00				394	\$1,980.00 \$1,042.78 \$192.00		28 1792 20 2 2 1958 2 76	\$1,792.00 \$19,800.00 \$30.00 \$250.00 \$5,187.61 \$1,590.00 \$912.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00				394	\$1,980.00 \$1,042.78 \$192.00		28 1792 20 2 2 1958 2	\$840.00 \$1,792.00 \$19,800.00 \$30.00 \$250.00 \$5,187.61 \$1,590.00 \$912.00

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
08/19/21	MAG	NOLIA OIL	& GAS	ROM	MMEL UNI	Т 3Н	2	48	Repo	rt #15
	DAILY	USAGE 8	& COST						СПМП	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26	1387			1387	\$3,134.62		6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23	7067		6638	429	\$956.67		429	\$956.67
Diesel 8/17/21	gal	\$2.23	7200		7200					
Diesel 8/18/21	gal	\$2.22		1000	1000					
					Daily S	ub-Total \$4	4,091.29		\$63,7	08.25
									<u> </u>	
		d-e. = · ·	. AEC 0 5 -	B 6::						
	Cumi	ulative Tota	AES & 3rd	Party \$174	,638.55					
						•				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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				
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022			
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022				
	Footage Drilled	1,971	3,951	1,577	_	-	-				-	56	684	-		-		_	-	_	_	_
	New Hole Vol.	189	374	149	_	-		-		-	_	2	30	_	-	_	_	_	_	_	_	_
7-13	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,672	3,672	3,672
50	Chemical Additions	2	7		0,0.0	0,0.0		٠, ٠			6	3	4	8	6	0,. 0.	8	4	0,0.2	0,0.2	0,0.2	0,0.2
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44				
	Barite Increase		170	100								35	21		•		7	14				
	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added						2,0.0				2,0.0											
72	Water Added	25	20	25											1	1						
-	Added for Washout																					
7,632	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	-	-	-	-
	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings	104	206	81								6	89									
	Unrecoverable Volume	27	100	128	30	89					54			15		26	176	67				
191	Centrifuge Losses	40	41	40								30	40									
1,388	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	-	-	-	-
5,876	Mud Transferred Out					2,961		2.915														
3,672	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,672	3,672	3,672	3,672
	Mud Recovered	0,211	, 0,.00	0,0.0	0,010		٥,				0,0.0	,,,,,,	0,000	0,0.0	•,.•.	0,1.00	1 0,010	, 0,012	1 0,012	, 0,0.2	0,012	0,0: =
	Mud Necovered																				l	
				C	omment	s <i>:</i>					C	omment	s <i>:</i>					C	omment	s:		
		8/3/21	2975 bbls casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls was	s in the	8/10/21							8/17/21	Lost 26bls during cen		able while l	POOH wet	due to plug	ged pipe
4,171		8/4/21							8/11/21							8/18/21			ud/spacer i of mud/spa			
	1	8/5/21	474 BBLS	i 14 # receiv	ed from mu	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/sta	ck flushing.		8/19/21			t in open ho out cemen			OH, and to
		8/6/21							8/13/21		000' wet to p			additional 3 shakers wh		8/20/21						
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost	40bls to cei	ntrifuges wh	nile proces	ng and circu sing on activ and circulati	ve and	8/21/21						
		8/8/21							8/15/21	Lost 15bls	while finisl	hing POOH	and runnir	ng wireline l	ogs.	8/22/21						
		8/9/21							8/16/21	Received during wire	439bls of 1 eline opera	7.5ppg OB tons.	M from mu	d plant. No	losses	8/23/21						

Report #16

10,945' TVD

110 Old Market St. St Martinville, LA 70582

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

13.4°

	NOLIA (	OIL &	GAS		TTERSO	ON		Block HINGTO	N		t Date 14/21	24 hr f	21 ft		•	043	ft
Well Name and No.	MMEL	UNIT :	ЗН	Rig Name ar	nd No. <b>248</b>		State TI	EXAS		Spud Date <b>07/</b>	14/21	Currer	1 ft/hr	P	Activity TIME	DR	RILL
Report for				Report for			Field / OCS-G #			Fluid Type			ating Rate		Circulating F	ressur	e
BRANDON	PARKS	S/JAN	IES DYER	To	ol Pusi	ner	GIDDI	NGS (A	C)	0	ВМ		275 gpm	1	1,9	54 p	si
	MUD	_	RTY SPECIF		_		MUD VO	LUME (BE	BL)	PUI	MP #1		PUMP #2		RISER	воо	STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		4 bbl	Liner Size		Line			Liner Size	9	
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		5 bbl	Stroke	12			2	Stroke		
				8/20/21		8/19/21	Active	103	39 bbl	bbl/stk	0.062	.5 bb		625	bbl/stk	0	.0000
Time Sample				0:30		15:00	Storage		<u>)4 bbl</u>	stk/min	52			53	stk/min		
Sample Locati				pit		shaker		cation 374		gal/min	136	ŭ		39	gal/min		0
Flowline Temp	erature °F	=		138 °F		135 °F		PHHP = 31	4		CIRCULA	TION DA			n = 0.68		
Depth (ft)				11,040'		11,028'	Bit [	Depth = 11	,043 '		Washou	ıt = 5%		Pump I	Efficienc	/ = 95	5%
Mud Weight (p	opg)			10.5		10.5	Drill String	Volume	e to Bit	156.2 bb	I Strol	es To Bit	2,500	T	ime To B	it 2	4 min
Funnel Vis (se	c/qt)		@ 130 °F	50		55	Disp.	Bottoms U	Jp Vol.	289.0 bb	I Bottom	sUp Stks	4,627	Botton	nsUp Tim	e 4	4 min
600 rpm				45		50	61.9 bbl	TotalCi	irc.Vol.	1039.2 bb	ol Tota	Circ.Stks	16,636	Total	Circ. Tim	e 15	58 min
300 rpm				28		31		DRILLIN	G ASS	SEMBLY D	ATA		S	OLIDS	CONTR	OL	
200 rpm				20		22	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit		Screens	Н	Hours
100 rpm				13		15	Drill Pipe	4.500	3.	826 10	0,923'	0'	Shaker	1	170		24.0
6 rpm				6		6	Collars	5.250	2.	688	120'	10,923'	Shaker	2	170		24.0
3 rpm						5	Collars					11,043'	Shaker	3	170		24.0
Plastic Viscos	3 rpm astic Viscosity (cp) @ 15					19	Dir. BHA					11,043'	Desand	ler			
Yield Point (lb.	/100 ft²)		T0 = 4	11		12		CASI	NG & I	HOLE DAT	'A		Desilte	er			
Gel Strength (	lb/100 ft²)	1	0 sec/10 min	6/9		5/9	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1			0.0
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	10		11	Riser	20					VOLUN	IE ACC	COUNTII	NG (b	bls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	3.2		4.0	Surface	10 3/4	9.	950 3	3,518'	0'	Prev. T	otal or	Locatio	n	3672.1
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1 <sup>-</sup>	1,014'	0'	Transfe	erred In	(+)/Out(	)	
Retort Solids (	Content			16%		15.5%	Washout 1							Oil	Added (+	)	66.1
Corrected Soli	ds (vol%)			13.2%		12.4%	Washout 2							Barite A	Added (+	)	7.4
Retort Oil Con	tent			60%		58.5%	Oper	n Hole Size	e 7.	088 1 <sup>-</sup>	1,043'		Other Pr	oduct	Usage (+	)	9.4
Retort Water (	Content			24%		26%	AN	NULAR GI	EOME	TRY & RH	EOLOGY		,	Water <i>i</i>	Added (+	)	
O/W Ratio				71:29		69:31	annula	r m	eas.	velocity	flow	ECD	Le	ft on C	uttings (	)	-1.5
Whole Mud Cl	nlorides (n	ng/L)		68,000		74,500	section		epth	ft/min	reg	lb/gal		Mud or	n Cutting	S	-10.3
Water Phase	Salinity (p	pm)		307,618		310,020		•		•			Non-Red	overab	ole Vol. (	)	
Whole Mud Al	kalinity, P	om		3.7		4.0	6.875x4	.5 10	,923'	249.9	lam	12.10	Est. T	otal or	Locatio	n	3743.2
Excess Lime (	lb/bbl)			4.8 ppb		5.2 ppb	6.875x5.	25 11	,014'	342.7	turb	12.10	Est. Los	ses/Ga	ins (-)/(+	)	0.0
Electrical Stab	oility (volts)	)		417 v		475 v	7.088x5.	25 11	,043'	297.7	turb	12.10	BIT	HYDR	AULICS	DAT	A
Average Spec	lectrical Stability (volts) verage Specific Gravity of Solids					3.15							Bit H.S.I.	Bit /	AP No:	zles	(32nds)
Percent Low 0	ercent Low Gravity Solids					6.7%							0.15	33	osi 18	18	3 18
ppb Low Grav	bb Low Gravity Solids					55 ppb							Bit Impact	Noz		18	3 18
Percent Barite	1			5.7%		5.7%							Force	Velo	-		
ppb Barite						82 ppb	BIT D	ATA	Ma	anuf./Type	SECUR	ITY / PDC	89 lbs	59	,		
Estimated Tot	bb Barite  stimated Total LCM in System ppl						Size	Depth In	Н	ours Fo	ootage F	ROP ft/hr	Motor/M	WD	Calc. Ci	c. Pr	essure
Sample Taker	n By			N. Dilly	0	M Washburn	6 3/4	11,022 ft	1	7.0	29 ft	1.7	1,004	osi	1,9	54 p	si
Remarks/Reco	mmendatio	one:		I	<u> </u>	<u> </u>	Rig Activity:	1	1		<u> </u>		1				

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Finish establishing sidetrack separation and

POOH for curve lateral assembly.

Rig Activity:

Trip in hole with directional assembly BHA #4 to 11,022'. Time drill at 1'/hr from 11,022' to 11,041'. Currently drilling curve at 11,043' (29' out of casing shoe). Samples are currently 100% AC. Adding diesel for oil wetting of solids, Bentone 910/990 to maintain rheological properties, Optimul HP for ES, Lime for alkalinities, and OptiG to reduce HTHP. Maintaining mud wt at 10.5ppg. Rigging up mud chiller unit. GAS 40units, Torque 2000, BHT 216F.

Е	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	3	61-94	5-57	77	Pł	none:	337-2	207-8848	Phone:	432-686-736	61 Phone:	-			
W 1	P 1	Y 1	E 1	C 2	g 1	G 1	H 1	O 1	carefully	and may be	used if the use		ver, no represent	n, has been prepared tation is made as to the	\$7,786.21	\$118,716.52
												INCLU	DING 3RD PA	ARTY CHARGES	\$13,851.81	\$188,490.37

\$1.00   \$3.00   \$4.00   \$2.00   \$2.00   \$3.0	Date <b>08/20/21</b>	Operator MAGI	NOLIA OIL		Well Name a	IND NO. VIMEL UNIT	Г ЗН	Rig Name an			rt #16
Item		DAILY	USAGE 8	& COST					CL	JMU	LATIVE
Section   Color   Co				ı		Closing	Daily		Cu	m	Ι
PRIPAD LOUD (Days)  90	Item	Unit	Unit Cost		Received		-	Daily Cost			Cum Cost
EVOLEGE 98 09 00 00 00 00 00 00 00 00 00 00 00 00		50# sk	\$44.56								
NEW CELE PREMIUM   1010 6 0 5 51.70				29		29				1	\$41.36
ALLIANDRIAN HIST-RANATE  South \$10.0											
SOAP STICK (69)	· · · · · · · · · · · · · · · · · · ·	100# SK	\$19.75								
SAPP STICK (66)		each	\$7.00							77	\$539.00
IMME (ID)	·		i i								· ·
IMME (ID)											
SPIT-06	CACL2 (50)	50# sk	\$14.32	504		504				224	\$3,207.68
BENTONE 910 590 950 950 94 \$ 5163.94 69 0 69 69 5 59129  BENTONE 910 550 950 94 \$ 580.04 89 100 95 577.00  BENTONE 910 550 950 94 \$ 580.05 97 4 69 6 50 10.55  BENTONE 910 500 950 950 950 950 950 950 950 950 95	LIME (50)	50# sk	\$5.00	600		530	70	\$350.00		350	\$1,750.00
BENTONE 910 (50)							40	\$1,223.60		170	\$5,200.30
BENTONE 900 (60)											
OPT1-MUL 981 \$10.75 500 60 60 60 60 60 60 60 60 60 60 60 60 6	` '		· ·								<del>-                                    </del>
OPTI-WET 998   \$3.34   \$600   \$600   \$750   \$2.05.55   \$75.02.05.05   \$75.02.0								-			<del>-                                    </del>
NEW PART							55	\$591.25			- '
SEP   SEP											<del>-                                    </del>
NEW CARB M)  SEP 48 S2.52 209 209 209 209 209 209 209 209 209 20											<del> </del>
CYBERSEAL  25 st k  521.47  25 st k  521.47  316  315  42 \$1,178.1  MAGMAPEIBER (20)  20 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  316  317  318  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  40  40  40  40  40  40  40  40  40	3.2 33.13 (23)	20.11 613	<b>\$ \$</b>								<b>V</b> 10.00
CYBERSEAL  25 st k  521.47  25 st k  521.47  316  315  42 \$1,178.1  MAGMAPEIBER (20)  20 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  316  317  318  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  40  40  40  40  40  40  40  40  40											
CYBERSEAL  25 st k  521.47  25 st k  521.47  316  315  42 \$1,178.1  MAGMAPEIBER (20)  20 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  316  315  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  316  317  318  42 \$1,178.1  MAGMAPEIBER (20)  30 st k  528.05  30 st k  528.05  40  40  40  40  40  40  40  40  40	NEW CARB (M)	5∩# ek	\$5.25	200		200				14	\$73.50
MAGNAPHER R (25)  25 e sk. \$28.05 315 315 315 315 317 317 31 317 31 31 31 31 31 31 31 31 31 31 31 31 31	` '			209		209				14	ψι 3.30
MAGNARBERR (30)  30 st \$ \$2.05  NUT PLUD M (50)  50 st \$ \$12.00  NUT PLUD M (50)  50 st \$ \$10.28  40 40  GRAPHITE POWDER F (50)  50 st \$ \$10.28  40 40  64 64  64 64  66 64  66 64  67 67 68 68 68  68 68 68 68 68 68 68 68 68 68 68 68 68 6			<del></del>	315		315				42	\$1.178.10
VARISEAL FIREP PLUG Sup sk \$12.04  NUT PLUG M (50) Sup sk \$12.05  NUT PLUG M (50) Sup sk \$12.04  AU  AU  AU  AU  AU  AU  AU  AU  AU  A											***********
NUTPUIG M (50)											
MICA F (50)	FIBER PLUG	30# sk	\$30.37								
GRAPHITE POWDER F (50)	NUT PLUG M (50)	50# sk	\$12.04								
NEW WATE (SACK BARITE)  1008 sk  \$11.50  80  80  120  1210 \$748.00  1210 \$8.470.0	MICA F (50)	50# sk	\$10.28	40		40					
BARITE BULK (100)	GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
BARITE BULK (100)											
BARITE BULK (100)											
	NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
OPTIDRILL 17.5 PPG	BARITE BULK (100)	100# sk	\$7.00	1200	407	1500	107	\$749.00		1210	\$8,470.00
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
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OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG											
OPTIDRILL 17.5 PPG	OPTI DRILL (OBM)	bhl	\$65.00	3237		3237				495	\$32,175 00
DISCOUNTED OBM   bbl   \$15.00											, , , , , , , , ,
ENGINEERING (24 HR) each \$925.00											1
ENGINEERING (DIEM) bbl \$30.00			İ								İ
ENGINEERING (DIEM) bbl \$30.00			İ								İ
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 (DIEM) bbl \$30.00	ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING       each       \$990.00       2 \$1,980.00         SCALE TICKET       each       \$15.00       1 \$15.00         FORKLIFT WITH OPERATOR       each       \$125.00       2 \$250.0         TRUCKING (cwt)       each       \$2.65       807 \$2,137.62       2764 \$7,325.2         TRUCKING (min)       each       \$795.00       2 \$1,590.0       2 \$1,590.0         PALLETS (ea)       each       \$12.00       76 \$912.0       68 \$816.0         SHRINK WRAP (ea)       each       \$12.00       68 \$816.0	ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		30	\$900.00
SCALE TICKET       each       \$15.00       1       \$15.00       3       \$45.00         FORKLIFT WITH OPERATOR       each       \$125.00       2       \$250.0         TRUCKING (cwt)       each       \$2.65       807       \$2,137.62       2764       \$7,325.2         TRUCKING (min)       each       \$795.00       2       \$1,590.0       2       \$1,590.0       2       \$1,590.0       68       \$816.0         SHRINK WRAP (ea)       each       \$12.00       1       1       \$10.00       68       \$816.0	ENGINEERING (MILES)	each	\$1.00							1792	\$1,792.00
FORKLIFT WITH OPERATOR	ENGINEERING	each	\$990.00				2	\$1,980.00		22	\$21,780.00
TRUCKING (cwt)       each       \$2.65       807       \$2,137.62       2764       \$7,325.2         TRUCKING (min)       each       \$795.00       576       \$1,590.0       68       \$12.00       68       \$816.0         SHRINK WRAP (ea)       each       \$12.00       576       \$12.00       68       \$816.0	SCALE TICKET	each	\$15.00				1	\$15.00		3	\$45.00
TRUCKING (min)       each       \$795.00       2       \$1,590.0         PALLETS (ea)       each       \$12.00       51,590.0       76       \$912.0         SHRINK WRAP (ea)       each       \$12.00       68       \$816.0	FORKLIFT WITH OPERATOR	each	\$125.00								
PALLETS (ea)		each					807	\$2,137.62		2764	\$7,325.24
SHRINK WRAP (ea) each \$12.00 68 \$816.0	TRUCKING (min)	each	\$795.00							2	\$1,590.00
		each									<del> </del>
Daily Sub-Total \$7.786.21 Cumulative Total \$118.716.52 \$149.746.52	SHRINK WRAP (ea)	each	\$12.00							68	\$816.00
THE PROPERTY OF THE PROPERTY O			Daily S	ub-Total 67	7 786 24	Cumulati	ve Total #4	18 716 F2	<b>.</b>	1110	716 52

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
08/20/21	MAG	NOLIA OIL	& GAS	RO	MMEL UNI	Т 3Н	2	48	Repo	rt #16
	DAILY	USAGE 8	& COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26								\$14,870.80
Diesel 8/11/21	gal	\$2.23	6638		3918	2720	\$6,065.60		3149	\$7,022.27
Diesel 8/17/21	gal	\$2.23	7200		7200					
Diesel 8/18/21	gal	\$2.22	1000		1000					
	+	-								
		1								
		1								
	1	<del>                                     </del>							<u> </u>	
	1	<del>                                     </del>							<u> </u>	
	1	<del>                                     </del>							<u> </u>	
		-							-	
		1								
		1								
		1								
		1								
		<u> </u>	<u> </u>	<u> </u>		<u> </u>			<del>                                     </del>	
					Daily S	ub-Total \$6	6,065.60		\$69,7	73.85
									•	
	Cum	ulative Tota	I AES & 3rd	Party \$188	3,490.37					
	24.71		0.0	,	,					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1				I			WEEK 2				I			WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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			
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043		
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043			
8.260	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-	-	-	-	-	21	-	-	-
	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	-	-	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,743	3,743
59	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9			
756	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66			
85	Barite Increase											35	21				7	14	8			
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
72	Water Added	25	20	25											1	1						
-	Added for Washout																					
7,715	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	-	-	-
-	Surface Losses																					
-	Formation Loss																					
498	Mud Loss to Cuttings	104	206	81								6	89						12			
711	Unrecoverable Volume	27	100	128	30	89					54			15		26	176	67				
191	Centrifuge Losses	40	41	40								30	40									
1,400	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	-	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,743	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,743	3,743	3,743
-	Mud Recovered																					
				С	omment	s:					C	omment	s:					С	omment	s:		
			0075111				00111													20011		
		8/3/21	casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	during cen	unrecovera ment job.	able while h	POOH wet	due to plug	ged pipe
	]																Dumped 1	13bls of m	ud/spacer ir	nterface fro	m 1st cem	ent plug
4,171		8/4/21							8/11/21							8/18/21	and addition	onal 63bls	of mud/spac	cer interfac	e from 2nd	cement
	•	8/5/21	474 BBI S	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/sta	ck flushing		8/19/21		to mud left				OH, and to
																	shakers w	hile drilling	out cement	t and circul	ating.	
		8/6/21							8/13/21		000' wet to			additional 3 shakers wh		8/20/21	Lost 12bls	to cuttings	at shakers	while time	drilling and	d TIH.
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost	40bls to ce	ntrifuges wh	nile proces	ng and circu sing on activ and circulat	ve and	8/21/21						
		8/8/21							8/15/21	Lost 15bls	while finis	hing POOH	and runnir	ng wireline l	ogs.	8/22/21						
		8/9/21									439bls of 1 eline opera		M from mu	d plant. No	losses	8/23/21						

11,126' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

42.8°

Report for   BRANDON PARKS / JAMES DYER   Tool Pusher   Field / OCS-G #   Fill of Type   OBM   383 gpm   Sas gpm	DRILLING  Jatating Pressure  4,630 psi  SER BOOSTER  er Size  troke  bl/stk 0.0000  k/min  al/min 0  0.684 K = 199.903  ciency = 95%  e To Bit 17 min  dp Time 32 min  c. Time 106 min
Report for   BRANDON PARKS / JAMES DYER   Tool Pusher   Field   Fiel	### ##################################
Number   N	SER BOOSTER  er Size  troke  bl/stk
Weight   PV   YP   E.S.   CaCl2   GELS   HTHP   In Pits   513 bbl   Liner Size   4.75   Liner Size   4.7	er Size  troke  bl/stk 0.0000  k/min  al/min 0  0.0684 K = 199.903  ciency = 95%  e To Bit 17 min  p Time 32 min  c. Time 106 min  DNTROL
9.8-12   10-25   6-20   >350   ±290K   <10 <15	troke bl/stk 0.0000 k/min al/min 0 0.684 K = 199.903 ciency = 95% e To Bit 17 min dp Time 32 min c. Time 106 min
S/21/21   S/20/21   Active   968 bbl   bbl/stk   0.0625   bbl/stk	bl/stk 0.0000 k/min al/min 0 0.0.684 K = 199.903 ciency = 95% e To Bit 17 min dp Time 32 min c. Time 106 min
Time Sample Taken   0:30	k/min 0  0.684 K = 199.903 ciency = 95% e To Bit 17 min p Time 32 min c. Time 106 min
Sample Location         pit         pit         Tot. on Location 3672 bbl         gal/min         192         192         193         11         19	al/min 0  0.684 K = 199.903  ciency = 95%  e To Bit 17 min  dp Time 32 min  c. Time 106 min  DNTROL
Philip	e 0.684 K = 199.903 ciency = 95% e To Bit 17 min up Time 32 min c. Time 106 min
Depth (ft)	ciency = 95% e To Bit 17 min lp Time 32 min c. Time 106 min DNTROL
Mud Weight (ppg)         10.6         10.5         Drill String Disp.         Volume to Bit 159.3 bbl Bottoms Up Vol. 295.5 bbl Bottoms Up Stks 4,731         Strokes To Bit 4,731         2,550         Time Bottoms Up Vol. 295.5 bbl Bottoms Up Stks 4,731         Bottoms Up S	e To Bit 17 min  Ip Time 32 min  c. Time 106 min  ONTROL
Funnel Vis (sec/qt)	p Time 32 min c. Time 106 min ONTROL
Funnel Vis (sec/qt)	c. Time 106 min
300 rpm         28         29         DRILLING ASSEMBLY DATA         SOLIDS CO           200 rpm         22         22         Tubulars OD (in.) ID (in.) Length Top Unit Sc         Unit Sc           100 rpm         14         15         Drill Pipe 4.500 3.826 11,136' 0' Shaker 1         Shaker 1           6 rpm         6         6         Collars 5.250 2.688 132' 11,136' Shaker 2         Shaker 2           3 rpm         5         5         Collars 11,268' Shaker 3         Shaker 3           Plastic Viscosity (cp)         @ 150 °F 17         18         Dir. BHA         11,268' Desander           Yield Point (lb/100 ft²)         T0 = 4         11         11         CASING & HOLE DATA         Desilter	ONTROL
200 rpm         22         22         Tubulars OD (in.) ID (in.) Length Top Unit Sc         Unit Sc           100 rpm         14         15         Drill Pipe 4.500 3.826 11,136' 0' Shaker 1         Shaker 1           6 rpm         6         6         Collars 5.250 2.688 132' 11,136' Shaker 2         Shaker 2           3 rpm         5         5         Collars 11,268' Shaker 3         Shaker 3           Plastic Viscosity (cp)         @ 150 °F 17         18         Dir. BHA         11,268' Desander           Yield Point (lb/100 ft²)         T0 = 4         11         11         CASING & HOLE DATA         Desilter	
100 rpm         14         15         Drill Pipe         4.500         3.826         11,136'         0'         Shaker 1         6           6 rpm         6         6         Collars         5.250         2.688         132'         11,136'         Shaker 2         1           3 rpm         5         5         Collars         11,268'         Shaker 3         1           Plastic Viscosity (cp)         @ 150 °F         17         18         Dir. BHA         11,268'         Desander           Yield Point (lb/100 ft²)         T0 = 4         11         11         CASING & HOLE DATA         Desilter	reens Hours
6 rpm       6       6       Collars       5.250       2.688       132'       11,136'       Shaker 2         3 rpm       5       5       Collars       11,268'       Shaker 3         Plastic Viscosity (cp)       @ 150 °F       17       18       Dir. BHA       11,268'       Desander         Yield Point (lb/100 ft²)       T0 = 4       11       11       CASING & HOLE DATA       Desilter	
3 rpm         5         5         Collars         11,268'         Shaker 3           Plastic Viscosity (cp)         @ 150 °F         17         18         Dir. BHA         11,268'         Desander           Yield Point (lb/100 ft²)         T0 = 4         11         11         CASING & HOLE DATA         Desilter	170 11.0
Plastic Viscosity (cp)         @ 150 °F         17         18         Dir. BHA         11,268'         Desander           Yield Point (lb/100 ft²)         T0 = 4         11         11         CASING & HOLE DATA         Desilter	170 11.0
Yield Point (lb/100 ft²)         T0 = 4         11         CASING & HOLE DATA         Desilter	170 11.0
Gel Strength (lb/100 ft²) 10 sec/10 min 6/9 6/9 Casing OD (in.) ID (in.) Depth Top Centrifuge 1	
	0.0
Gel Strength (lb/100 ft <sup>2</sup> ) 30 min 10 11 Riser 20 <b>VOLUME ACCOL</b>	JNTING (bbls)
HTHP Filtrate (cm/30 min) @ 300 °F 3.8 3.0 Surface 10 3/4 9.950 3,518' 0' Prev. Total on Lo	ocation 3743.2
HTHP Cake Thickness (32nds)  2.0 Int. Csg. 7 5/8 6.875 11,014' 0' Transferred In(+)	/Out(-)
Retort Solids Content 16.5% 15.5% Washout 1 Oil Add	ded (+) 17.8
Corrected Solids (vol%) 13.9% 12.4% Washout 2 Barite Add	ded (+) 7.0
Retort Oil Content 61% 60.5% Open Hole Size 7.088 11,268' Other Product Usa	age (+) 0.0
Retort Water Content 22.5% 24% ANNULAR GEOMETRY & RHEOLOGY Water Add	ded (+)
O/W Ratio 73:27 72:28 annular meas. velocity flow ECD Left on Cutting	ngs (-) -16.5
Whole Mud Chlorides (mg/L) 63,000 74,500 section depth ft/min reg lb/gal Mud on Co	uttings
Water Phase Salinity (ppm) 305,104 327,396 Non-Recoverable V	Vol. (-) -79.7
Whole Mud Alkalinity, Pom 3.4 3.5 6.875x4.5 11,014' 347.5 turb 11.68 Est. Total on Lo	ocation 3671.8
Excess Lime (lb/bbl) 4.4 ppb 4.6 ppb 7.088x4.5 11,136' 313.0 turb 11.68 Est. Losses/Gains	(-)/(+)
Electrical Stability (volts) 410 v 435 v 7.088x5.25 11,268' 414.0 turb 11.69 <b>BIT HYDRAUI</b>	LICS DATA
Average Specific Gravity of Solids 3.14 3.19 Bit H.S.I. Bit △P	Nozzles (32nds)
Percent Low Gravity Solids         7.6%         6.5%           0.40         64 psi	18 18 18
ppb Low Gravity Solids 63 ppb 53 ppb Bit Impact Velocity	18 18 18
Percent Barite 6.2% 5.9% Force velocity (ft/sec)	
ppb Barite 90 ppb 85 ppb BIT DATA Manuf./Type SECURITY / PDC 173 lbs 82	
Estimated Total LCM in System ppb Size Depth In Hours Footage ROP ft/hr Motor/MWD Cal	
Sample Taken By         N. Dilly         0         M Washburn         6 3/4         11,022 ft         17.0         29 ft         1.7         2,932 psi	lc. Circ. Pressure

Remarks/Recommendations:

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Finish building curve and drill lateral section.

Rig Activity:

Drill curve to 11,266' (inc 42°). Samples were 100% AC. Pumped 20bls sweep and circulate hole clean. Flow check and POOH. Pick up curve/lateral BHA and TIH to 10,854'. Slip and cut drill line. Wash/ream to bottom. Drilling ahead at 11,268' at time of report. Adding diesel for LGS control and oil wetting of solids. Maintaining mud wt at 10.5ppg. Finished rigging up mud chiller unit. GAS 101 units, Torque 6000, BHT 226F.

Е	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	36	61-94	5-57	77	Pł	none:	337-2	207-8848	Phone:	432-686-736	1 Phone:	-	Ü	,	
W 1	P 1	Y 1	E 1	C 2	g 1	G 1	H 1	O 1	carefully	and may be	used if the user		er, no representat	has been prepared ion is made as to the	\$2,740.00	\$121,456.52
												INCLUE	ING 3RD PAR	RTY CHARGES	\$4,408.04	\$192,898.41

Date <b>08/21/21</b>	Operator <b>MAG</b> I	NOLIA OIL		Well Name a	MMEL UNIT	3H	Rig Name ar <b>2</b>	48	Report No. <b>Repo</b> l	rt #17
	DAILY	USAGE 8	& COST						CUMUL	ATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	-	Cum	Cum Cos
CARR (FO)	50# ak	\$44 EG	Inventory		Inventory	Usage	_		Usage	¢2.406.2
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36			93 29			-	54	\$2,406.24 \$41.30
EVO-LUBE	gal	\$14.00			23				<u>'</u>	Ψ41.50
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE								1		
SOAP STICKS (ea)	each	\$7.00							77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
CACL2 (50)	50# sk	\$14.32	504		504				224	\$3,207.6
LIME (50)	50# sk	\$5.00	530		530				350	· ,
OPTI - G	50# sk	\$30.59	210		210				170	\$5,200.3
BENTONE 38 (50)	50# sk	\$163.94	63		63					
BENTONE 910 (50)	50# sk	\$59.40	80		80				27	· ,
BENTONE 990 (50)	50# sk	\$83.59	68		68				46	· ,
OPTI - MUL	gal	\$10.75	495		495				825	\$8,868.7
OPTI - WET	gal	\$8.34	660		660				340	· ,
NEW PHALT	50# sk	\$38.72	254		254			1	73	
OIL SORB (25)	25# sk	\$4.75	73		73			-	4	\$19.00
								1		
								-		
NEW CARB (M)	50# sk	\$5.25	209		209				14	\$73.50
CYBERSEAL	25# sk	\$21.47						]		
MAGMAFIBER F (25)	25# sk	\$28.05	315		315			1	42	\$1,178.10
MAGMAFIBER R (30) VARISEAL	30# sk	\$28.05								
FIBER PLUG	30# sk	\$30.37						1		
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64			1		
CIUTITET GWBEITT (66)	00// 010	ΨΖΙΙΙΙ	01		01					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1500		1400	100	\$700.00		1310	\$9,170.00
								-		
OPTI DRILL (OBM)	bbl	\$65.00	3237		3237			]	495	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50	439		439			]		
DISCOUNTED OBM	bbl	\$15.00						]		
								]		
								1		
								1		
								1		
								1		
								1		
								1		
								]		
								<u> </u>		
ENGINEERING (24 HR)	each	\$925.00						1	8	\$7,400.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	1	32	\$960.0
ENGINEERING (MILES)	each	\$1.00					,,,,,,,,	1	-	\$1,792.00
ENGINEERING (WILLES)	each	\$990.00				?	\$1,980.00	1		\$23,760.00
	each	\$15.00					ψ1,JUU.UU	†	3	\$45.0
SCALE TICKET	each	\$15.00 \$125.00						1	2	\$45.0
		pι∠5.00						1	2	ֆ∠5U.Û
FORKLIFT WITH OPERATOR	+	<b>60.05</b>							0704	\$7 20F 0
FORKLIFT WITH OPERATOR TRUCKING (cwt)	each	\$2.65							2764	
FORKLIFT WITH OPERATOR FRUCKING (cwt) FRUCKING (min)	each each	\$795.00						- -	2	\$1,590.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$795.00 \$12.00						  -  -	2 76	\$1,590.00 \$912.00
SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each each	\$795.00							2	\$1,590.00

Date	Operator			Well Name a	ind No.		Rig Name ar	nd No.	Report No.	
08/21/21	MAGI	NOLIA OIL	& GAS	RO	MMEL UNI	Т 3Н	2	48	Repo	rt #17
	DAILY	USAGE 8	& COST						СПМП	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23	3918		3170	748	\$1,668.04		3897	\$8,690.31
Diesel 8/17/21	gal	\$2.23	7200		7200					
Diesel 8/18/21	gal	\$2.22	1000		1000					
								1		
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		1						1		
								1		
								1		
								1		
								1		
		1						1		
		1						1		
					Daily S	ub-Total \$	1,668.04		\$71,4	41.89
					P			-	<del></del>	
	Cumi	ulative Total	AES & 3rd	Party \$192	2,898.41					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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		
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	1
	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	, , , , ,	
	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	- 11,022	56	684	- 11,702	-	- 11,702	- 11,702	-	21	223		_
	New Hole Vol.	,	3,931	1,377	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	-	-
		189																	<u>'</u>			
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,672
	Chemical Additions	2	7	2							6	3	4		6		8	4	9			
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18		
	Barite Increase			47.4			0.045				0.045	35	21		400		7	14	8	7		
	Weighted Mud Added			474			2,915				2,915				439							
	Slurry Added Water Added	25	20	25											- 1	1	-	-				
12	Added for Washout	25	20	25											- '	'						
7740		444	200			20	2.045				2 000	F /	7.4	46	447	25			00	0.5		
- ,	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	-	-
	Surface Losses																					
	Formation Loss	404	200	0.1															40	40		
	Mud Loss to Cuttings	104	206	81	00	00						6	89	45			470	07	12	16		
	Unrecoverable Volume	27 40	100	128	30	89					54	30	40	15		26	176	67		79		
191	Centrifuge Losses	40	41	40								30	40									
1,495	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	-	-
5,876	Mud Transferred Out					2,961		2,915														
3,672	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,672	3,672
-	Mud Recovered																					
				C	omment	s <i>:</i>					С	omment	s:					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cer	unrecovera ment job.	able while I	POOH wet	due to pluç	ged pipe
4,171		8/4/21							8/11/21							8/18/21		13bls of mu onal 63bls o				
	-	8/5/21	474 BBLS	14 # recei	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/sta	ck flushing.		8/19/21		to mud left hile drilling				OH, and to
		8/6/21									000' wet to p			additional 3 shakers wh		8/20/21	Lost 12bls	to cuttings	at shakers	while time	drilling an	d TIH.
		8/7/21	2961 BBL	S Transferr	red T/ Romr	nel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost	40bls to cei	ntrifuges wh	nile proces	ng and circ sing on acti and circulat	ve and	8/21/21		to MOC whaker overf				
		8/8/21							8/15/21	Lost 15bls	while finis	hing POOH	l and runnir	ng wireline l	ogs.	8/22/21						
		8/9/21							8/16/21	Received during wire	439bls of 1 eline opera	7.5ppg OB tons.	M from mu	d plant. No	losses	8/23/21						

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

86.9°

11,401' TVD

Operator	NOLIA	OU 0 4	240	Contractor	TEDO:	<b>N</b>	County / Parish /			Engineer Sta		24 hr	-		Orilled Depth		
Well Name and No	NOLIA (	JIL & C	3AS	Rig Name ar	TTERSO	N	State	HINGTO	N	Spud Date	/14/21	Curre	2,117 f		13,	385 ft	
	MMEL	UNIT 3	Н		248			EXAS			/14/21		194 ft/h			ATERA	L
Report for BRANDON	PARKS	JAM	ES DYER	Report for	ol Pusi	her	Field / OCS-G #	NGS (A	C)	Fluid Type	овм	Circul	ating Rate <b>378 gpr</b>		Circulating P	essure 0 psi	
	MUD	PROPER	RTY SPECIF					LUME (B		PL	JMP #1		PUMP #2			BOOSTER	₹
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	55	60 bbl	Liner Siz	e 4.	75 Line	r Size 4	1.75	Liner Size	!	
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	54	17 bbl	Stroke	1	2 Str	oke	12	Stroke		
				8/22/21		8/21/21	Active	10	97 bbl	bbl/stk	0.0	625 bb	l/stk 0.	0625	bbl/stk	0.0000	)
Time Sample	Taken			0:30		14:00	Storage	e <u>26</u>	36 bbl	stk/min	7	2 stk	/min	72	stk/min		
Sample Locati	ion			pit		shaker	Tot. on Lo	cation 37	33 bbl	gal/min	18	39 ga	I/min 1	189	gal/min	0	
Flowline Temp	perature °F	=		116 °F		124 °F	F	PHHP = 11	11	l	CIRCUL	ATION DA	ATA	· · · · · · · · ·	n = 0.708	K = 185.1	91
Depth (ft)				13,350'		12,290'	Bit D	Depth = 13	3,385 '		Wash	out = 5%		Pump E	Efficiency	= 95%	
Mud Weight (p	opg)			10.5		10.6	Drill String	Volum	e to Bit	189.4 bl	bl Str	okes To Bi	3,032	Т	ime To Bi	t 21 mir	1
Funnel Vis (se	ec/qt)		@ 91 °F	61		58	Disp.	Bottoms	Up Vol.	357.2 bl	bl Botto	msUp Stks	5,718	Bottom	nsUp Time	e 40 mir	1
600 rpm				49		44	74.9 bbl	TotalC	irc.Vol.	1096.6 b	obl To	talCirc.Stks	17,555	Total	Circ. Time	122 mi	n
300 rpm				30		27		DRILLIN	IG ASS	SEMBLY I	DATA			SOLIDS	CONTR	OL	
200 rpm				22		21	Tubulars	OD (in.)	ID	(in.) l	Length	Тор	Uni	t	Screens	Hours	
100 rpm				14		13	Drill Pipe	4.500	3.	826 1	13,253'	0'	Shake	er 1	170	24.0	
6 rpm				6		6	Collars	5.250	2.	688	132'	13,253'	Shake	er 2	170	24.0	
3 rpm				5		5	Collars					13,385'	Shake	er 3	170	24.0	
Plastic Viscos	3 rpm Plastic Viscosity (cp) @ 15					17	Dir. BHA					13,385'	Desan	der			
Yield Point (lb.	/100 ft²)		T0 = 4	11		10		CASI	NG & F	HOLE DA	TA		Desilt	ter			
Gel Strength (	lb/100 ft²)	10	sec/10 min	7/11		6/8	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifu	ige 1		2.0	
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	13		10	Riser	20					VOLU	ME ACC	COUNTIN	IG (bbls)	
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	3.6		3.0	Surface	10 3/4	9.	950	3,518'	0'	Prev.	Total on	Location	n 3671	.8
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	11,014'	0'	Transf	erred In	(+)/Out(-	)	
Retort Solids	Content			16%		16%	Washout 1							Oil A	Added (+	) 91	.5
Corrected Sol	ids (vol%)			13.6%		13.5%	Washout 2							Barite /	Added (+	) 0	.0
Retort Oil Con	itent			61.5%		62%	Oper	n Hole Siz	e 7.	088 1	13,385'		Other F	roduct l	Jsage (+	) 7	.4
Retort Water	Content			22.5%		22%	ANI	NULAR G	EOME	TRY & RI	HEOLOG	Υ		Water A	Added (+	) 65	.2
O/W Ratio				73:27		74:26	annulai	r m	neas.	velocity	y flow	ECD	L	eft on C	uttings (-	-103	.3
Whole Mud C	hlorides (n	ng/L)		58,000		62,000	section	ı d	epth	ft/min	reg	lb/gal		Mud or	Cuttings	5	
Water Phase	Salinity (p	om)		287,859		306,478							Non-Re	coverab	ole Vol. (-	)	
Whole Mud Al	kalinity, P	om		2.8		3.2	6.875x4	.5 11	,014'	342.8	turb	11.77	Est.	Total on	Location	3732	.6
Excess Lime (	lb/bbl)			3.6 ppb		4.2 ppb	7.088x4	.5 13	3,253'	308.8	turb	12.03	Est. Lo	sses/Ga	ins (-)/(+	) 0	.0
Electrical Stability (volts)				533 v		495 v	7.088x5.	25 13	3,385'	408.3	turb	12.21	ВІТ	HYDR	AULICS	DATA	
Average Spec	ific Gravity	y of Solid	s	3.17		3.23							Bit H.S.I.	Bit Δ	∆P Noz	zles (32nd	s)
Percent Low 0	Percent Low Gravity Solids					6.7%							0.38	62 p	osi 18	18 1	8
ppb Low Grav	opb Low Gravity Solids					55 ppb							Bit Impac	t Nozz		18 1	8
Percent Barite	ercent Barite			6.4%		6.7%							Force	(ft/se	-		
ppb Barite	pb Barite					97 ppb	BIT D	ATA	Ma	anuf./Type	SECU	JRITY / PDC	168 lbs	81			
Estimated Tot	stimated Total LCM in System ppt						Size	Depth In	Ho	ours F	ootage	ROP ft/hr	Motor/N	MMD	Calc. Cir	c. Pressu	re
Sample Taker	Sample Taken By				0	M Washburn	6 3/4	11,022 f	t 4	1.0 2	2,146 ft	52.3	3,054	psi	5,04	10 psi	
Remarks/Reco	mmendatio	one.					Ria Activity:										П

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Drill lateral section to TD.

Rig Activity:

Drill curve from 11,266' to LP 11,804'MD (11,318'TVD). Identified ash marker at 11,600'. Pumping 10 bbls LCM sweep every 300' in lateral section. Operate centrifuge as needed to control wt. and process active mud thru cooling unit continuously. Mud Temp in suction 91 F. Currently rotating at 13,385'. Adding diesel/water for LGS control and volume, Lime for alkalinity, OptiG for HTHP control, and Bentone 990 for low end rheologies. Maintaining MW at 10.5ppg. Pumping 10bls LCM sweeps every 300'. Running mud chiller full time. GAS 740 units, Torque 8800, ROP 194'/hr, BHT 277F.

Е	ng. 1:	Mi	ke W	ashbu	urn	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	36	61-94	5-577	77	Pł	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	0	carefully	and may be	ecommendation, exp used if the user so ation, and this is a r	elects, however	, no representation	as been prepared on is made as to the	\$4,050.57	\$125,507.09
												INCLUDI	NG 3RD PAR	TY CHARGES	\$12,618.23	\$205,516.64

Date <b>08/22/21</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a	ING NO. MMEL UNIT	Г 3Н_	Rig Name an	Report No. <b>Repo</b>	rt #18
	DAILY	USAGE 8	& COST					CUMU	LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
			Inventory		Inventory	Usage	,	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$44.56 \$41.36			93 29			54	\$2,406.24 \$41.36
EVO-LUBE	gal	\$14.00			29			- '	φ41.30
NEW GEL (PREMIUM)	100# sk	\$19.75							
ALUMINUM TRISTEARATE									
SOAP STICKS (ea)	each	\$7.00						77	\$539.00
SAPP STICK (ea)	each	\$11.25						77	\$866.25
CACL2 (50)	50# sk	\$14.32	504		504		****	224	
LIME (50) OPTI - G	50# sk 50# sk	\$5.00 \$30.59	530 210		470 200	60 10		410 180	
BENTONE 38 (50)	50# sk	\$163.94	63		63	10	ψ303.90	100	ψ5,500.20
BENTONE 910 (50)	50# sk	\$59.40	80		80			27	\$1,603.80
BENTONE 990 (50)	50# sk	\$83.59	68		60	8	\$668.72	54	
OPTI - MUL	gal	\$10.75	495		495			825	
OPTI - WET	gal	\$8.34	660		660			340	\$2,835.60
NEW PHALT	50# sk	\$38.72	254		244	10	\$387.20	83	\$3,213.76
OIL SORB (25)	25# sk	\$4.75	73		73			4	\$19.00
NEW CARR (M)	50"	<b>#</b> • • • • • • • • • • • • • • • • • • •	202		100		#00 O-		m444 ===
NEW CARB (M)  CYBERSEAL	50# sk 25# sk	\$5.25 \$21.47	209		196	13	\$68.25	27	\$141.75
MAGMAFIBER F (25)	25# sk	\$28.05	315		305	10	\$280.50	52	\$1,458.60
MAGMAFIBER R (30)	30# sk	\$28.05	313		303	10	Ψ200.00	32	ψ1,400.00
VARISEAL	00.011	Ψ20.00							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04							
MICA F (50)	50# sk	\$10.28	40		40				
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64				
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80				
BARITE BULK (100)	100# sk	\$7.00	1400		1400			1310	\$9,170.00
OPTI DRILL (OBM)	bbl	\$65.00	3237		3237			405	\$32,175.00
OPTIDRILL (OBM) OPTIDRILL 17.5 PPG	bbl	\$89.50			439			490	ψυς, 11 3.00
DISCOUNTED OBM	bbl	\$15.00	+53		700				
		,							
ENGINEERING (24 HR)	each	\$925.00						8	\$7,400.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$925.00 \$30.00				2	\$60.00		
	-	\$30.00 \$1.00				2	\$60.00	34 1792	\$1,020.00 \$1,792.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING	bbl	\$30.00 \$1.00 \$990.00					\$60.00	34 1792 26	\$1,020.00 \$1,792.00 \$25,740.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	bbl each each each	\$30.00 \$1.00 \$990.00 \$15.00						34 1792 26 3	\$1,020.00 \$1,792.00 \$25,740.00 \$45.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	bbl each each each	\$30.00 \$1.00 \$990.00 \$15.00						34 1792 26 3 2	\$1,020.00 \$1,792.00 \$25,740.00 \$45.00 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	bbl each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65						34 1792 26 3 2 2764	\$250.00 \$7,325.24
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00						34 1792 26 3 2 2764	\$1,020.00 \$1,792.00 \$25,740.00 \$45.00 \$250.00 \$7,325.24 \$1,590.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	bbl each each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00 \$12.00						34 1792 26 3 2 2764 2 76	\$1,020.00 \$1,792.00 \$25,740.00 \$45.00 \$250.00 \$7,325.24 \$1,590.00 \$912.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	bbl each each each each each each	\$30.00 \$1.00 \$990.00 \$15.00 \$125.00 \$2.65 \$795.00						34 1792 26 3 2 2764	\$1,020.00 \$1,792.00 \$25,740.00 \$45.00 \$250.00 \$7,325.24 \$1,590.00

Date	Operator			Well Name a	ind No.		Rig Name ar	lame and No. Report No.		
08/22/21	MAG	NOLIA OIL	& GAS	RO	MMEL UNI	Г 3Н	2	48	Repo	rt #18
	DAILY	USAGE 8	& COST						СПМП	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26								\$14,870.80
Diesel 8/11/21	gal	\$2.23	3170			3170	\$7,069.10		7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23			6528	672	\$1,498.56		672	\$1,498.56
Diesel 8/18/21	gal	\$2.22	1000		1000					
Diesel 8/22/21	gal	\$2.13		7200	7200					
					Daily S	ub-Total \$8	8,567.66		\$80,0	09.55
	Cumi	ulative Tota	I AES & 3rd	Party \$205	5,516.64			1		

OUTSOURCE FLUID SOLUTIONS LLC.

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

e: 248

					WEEK 1							WEEK 2				WEEK 3						
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	
10,602	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-	-	-	-	-	21	223	2,119	-
850	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	-
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
66	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	
866	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	
92	Barite Increase											35	21				7	14	8	7		
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
137	Water Added	25	20	25											1	1					65	
-	Added for Washout																					
7,904	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	164	-
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings	104	206	81								6	89						12	16	103	
790	Unrecoverable Volume	27	100	128	30	89					54	00	- 10	15		26	176	67		79		
191	Centrifuge Losses	40	41	40								30	40									
1,598	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	-
5,876	Mud Transferred Out					2,961		2,915														
3,733	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,733
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					C	omment	s:		
	_	8/3/21	2975 bbls casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls was	s in the	8/10/21							8/17/21 Lost 26bls unrecoverable while POOH wet due to plugged pipe during cement job.						
4,171		8/4/21							8/11/21							Dumped 113bls of mud/spacer interface from 1st cement pl 8/18/21 and additional 63bls of mud/spacer interface from 2nd ceme plug job.						
		8/5/21	474 BBLS	i 14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/sta	ck flushing.		8/19/21	Lost 66bls to mud left in open hole below cement, POOH, shakers while drilling out cement and circulating.			OH, and to		
	<b>8/6/21 8/13/21</b> tri										Lost 6bls to MOC of new hole drilled. Lost additional 30bls to  8/13/21 tripping 2000' wet to pick up reamer and to shakers while drilling out cement.  8/20/21 Lost 12bls to cuttings at shakers while time drilling a out cement.							drilling and	d TIH.			
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost 4	10bls to ce	ntrifuges wh	nile proces	ng and circu sing on activ and circulat	ve and	Lost 16bls to MOC while drilling/circulating. Lost 79bls to open top from shaker overflow when pumping out trip tanks.						
		8/8/21							8/15/21 Lost 15bls while finishing POOH and running wireline logs.								8/22/21 Lost 103bls to mud on cuttings while drilling.					
8/9/21 Received 439bls of 17.5ppg OBM from mud plant. No loss during wireline operatons.									losses	8/23/21												

11,582' TVD

### **OUTSOURCE FLUID SOLUTIONS LLC.**

TEL: (337) 394-1078

87.8°

Operator  MAGI  Well Name and No.	NOLIA (	OIL &	GAS	Contractor PA1 Rig Name ar	TTERSO	ON	County / Parish /  WASH  State	Block IINGTO	N	Engineer Start  07/1 Spud Date	Date   4/21	24 hr f	tg. 2,653 ft	:	Drilled Dep	th ,038	8 ft
	MMEL	UNIT	3H	3	248			EXAS		07/14/21			56 ft/hr		DRLG LATE		TERAL
Report for				Report for			Field / OCS-G #			Fluid Type			ating Rate		Circulating		
BRANDON					ol Pusi	ner	GIDDINGS (AC)			ОВМ			378 gpn		5,590 psi		-
	1	1	ERTY SPECIF		l		MUD VOLUME (BBL)				/IP #1		PUMP #2				OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		6 bbl	Liner Size				.75	Liner Siz		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		2 bbl	Stroke	12			12	Stroke		
				8/23/21		8/22/21	Active		08 bbl	bbl/stk	0.062			)625	bbl/stk		0.0000
Time Sample				0:30		14:00	Storage		00 bbl	stk/min	72			72	stk/mir		
Sample Locati				pit		shaker	Tot. on Loc			gal/min	189			89	gal/mir		0
Flowline Temp	erature °F	=		119 °F		118 °F		PHHP = 12		C	IRCULAT	ION DA	1				= 179.335
Depth (ft)				15,912'		15,003'	Bit D	epth = 16	,038 '		Washou	t = 5%		Pump	Efficiend	y = 9	95%
Mud Weight (p	opg)			10.5		10.5	Drill String	Volume	e to Bit	227.1 bbl	Strok	es To Bit	3,636	1	ime To	Bit	25 min
Funnel Vis (se	c/qt)		@ 101 °F	64		58	Disp.	Bottoms U	Jp Vol.	434.5 bbl	Bottoms	SUp Stks	6,955	Botton	nsUp Tin	ne	48 min
600 rpm				51		44	89.3 bbl	TotalC	irc.Vol.	1207.6 bb	l Total	Circ.Stks	19,332	Total	Circ. Tin	ne '	134 min
300 rpm				31		27		DRILLIN	G ASS	SEMBLY D	ATA		S	OLIDS	CONT	ROL	
200 rpm				23		21	Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	Unit		Screen	S	Hours
100 rpm				15		13	Drill Pipe	4.500	3.	826 15	,906'	0'	Shake	r 1	170		24.0
6 rpm				6		6	Collars	5.250	2.	688	132'	5,906'	Shake	r 2	170		24.0
3 rpm				5		5	Collars				•	6,038'	Shake	r 3	170		24.0
Plastic Viscosi	ity (cp)		@ 150 °F	20		17	Dir. BHA				•	6,038'	Desand	der			
Yield Point (lb/	/100 ft²)		T0 = 4	11		10		CASII	NG & I	HOLE DAT	A		Desilt	er			
Gel Strength (	lb/100 ft <sup>2</sup> )	1	10 sec/10 min	7/10		6/8	Casing	OD (in.)	ID	(in.) D	epth	Тор	Centrifu	ge 1			0.0
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	12		10	Riser	20					VOLU	IE AC	COUNT	NG (	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	4.4		3.0	Surface	10 3/4	9.	950 3	518'	0'	Prev.	Total or	Location	on	3732.6
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 11	,014'	0'	Transf	erred In	ı(+)/Out	(-)	
Retort Solids (	Content			16%		16%	Washout 1							Oil	Added (	+)	129.6
Corrected Soli	ds (vol%)			13.6%		13.5%	Washout 2							Barite	Added (	+)	0.0
Retort Oil Con	tent			60%		62%	Open	Hole Size	7.	.088 16	,038'		Other P	roduct	Usage (	+)	10.5
Retort Water (	Content			24%		22%	ANI	NULAR GI	EOME	TRY & RH	OLOGY			Water	Added (	+)	64.4
O/W Ratio				71:29		74:26	annular	m	eas.	velocity	flow	ECD	Le	eft on C	uttings	(-)	-129.5
Whole Mud Ch	nlorides (n	ng/L)		58,000		62,000	section	de	epth	ft/min	reg	lb/gal		Mud or	n Cutting	gs	
Water Phase	Salinity (p	pm)		274,812		306,478		•					Non-Red	coverat	ole Vol.	(-)	
Whole Mud Al	kalinity, P	om		3.1		3.2	6.875x4.	5 11	,014'	342.8	turb	11.68	Est.	Γotal or	Location	on	3807.6
Excess Lime (	lb/bbl)			4 ppb		4.2 ppb	7.088x4.	5 15	,906'	308.8	turb	11.99	Est. Los	ses/Ga	ains (-)/(	+)	0.0
Electrical Stab	ility (volts)	)		417 v		495 v	7.088x5.2	25 16	,038'	408.3	turb	12.06	BIT	HYDR	AULICS	DA.	TA
Average Spec	ific Gravity	y of Sol	ids	3.15		3.14							Bit H.S.I.	Bit A	AP No	zzles	s (32nds)
Percent Low G	Gravity Sol	lids		7.4%		7.4%							0.38	62	psi 1	8	18 18
ppb Low Grav	ity Solids			61 ppb		61 ppb							Bit Impact	Noz	-	8 -	18 18
Percent Barite	!			6.2%		6%							Force	Velo	-		
ppb Barite				89 ppb		87 ppb	BIT D	ATA	Ma	anuf./Type	SECURI	TY / PDC	168 lbs	81			
Estimated Total	al LCM in	System	ı ppb				Size	Depth In	Н	ours Fo	otage R	OP ft/hr	Motor/M	WD	Calc. C	irc. F	Pressure
Sample Taker	n By			N. Dilly	0	M Washburn	6 3/4	11,022 ft	6	55.0 4,	714 ft	72.5	3,243	psi	5,	590	psi
				I	l		Dia Activity		1				1				$\overline{}$

Remarks/Recommendations:

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Drill lateral section to TD.

Rig Activity:

Drill from 13,385' to LP 16,038'. Samples 100% AC. Pumping 10bbls LCM sweeps every 300' drilled. Process active mud thru cooling unit continuously. Mud Temp in suction 101 F. Currently drilling ahead. Adding diesel/water for LGS control and volume. Treating with Lime for alkalinity, CaCl for salinity, OptiWet for oil wetting of solids, OptiMUL for ES, OptiG for HTHP control, and Bentone990 for low end rheologies. Maintaining MW at 10.5ppg. GAS 1500 units, Torque 14000, ROP 128'/hr, BHT 302F.

Eı	ng. 1:	Mil	ke W	ashbı	urn	Er	ng. 2:	Nick Dilly V		WH 1:	MIDLAND	WH 2:	VH 2: WH #2 Rig Phone:		Daily Total	Cumulative Cost
Pł	none:	36	31-94	5-57	77	Pł	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 0	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	\$5,608.41	\$131,115.50		
												INCLUDI	NG 3RD PAR	TY CHARGES	\$17,498.77	\$223,015.41

Date <b>08/23/21</b>	Operator MAGI	NOLIA OIL		Well Name a	IND NO. VMEL UNIT	Г ЗН	Rig Name an		Report No. <b>Repo</b>	rt #19
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
			Previous		Closing	Daily		-	Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	_	Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93			-	54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29			-	1	\$41.36
EVO-LUBE NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$19.75						-		
ALUMINUM TRISTEARATE	100# SK	\$19.75						-		
SOAP STICKS (ea)	each	\$7.00						-	77	\$539.00
SAPP STICK (ea)	each	\$11.25							77	\$866.25
CACL2 (50)	50# sk	\$14.32	504		483	21	\$300.72	•	245	\$3,508.40
LIME (50)	50# sk	\$5.00	470		400	70	<del> </del>	-	480	\$2,400.00
OPTI - G	50# sk	\$30.59	200		180	20	\$611.80	-	200	\$6,118.00
BENTONE 38 (50)	50# sk	\$163.94	63		63					<b>*</b> 4 000 00
BENTONE 910 (50) BENTONE 990 (50)	50# sk	\$59.40 \$83.59	80 60		80 55	5	\$417.95	-	27 59	\$1,603.80 \$4,931.81
OPTI - MUL	gal	\$10.75	495		440	55		-	880	\$9,460.00
OPTI - WET	gal	\$8.34	660		605	55		-	395	· ,
NEW PHALT	50# sk	\$38.72	244		232	12		}	95	
OIL SORB (25)	25# sk	\$4.75	73		73				4	\$19.00
NEW CARB (M)	50# sk	\$5.25	196		189	7	\$36.75		34	\$178.50
CYBERSEAL	25# sk	\$21.47	130		103		Ψ00.73	-	- 54	ψ.70.00
MAGMAFIBER F (25)	25# sk	\$28.05	305		293	12	\$336.60	-	64	\$1,795.20
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	20# als	£20.27						-		
FIBER PLUG NUT PLUG M (50)	30# sk 50# sk	\$30.37 \$12.04								
MICA F (50)	50# sk	\$10.28	40		40			-		
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64			-		
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80			-		
BARITE BULK (100)	100# sk	\$7.00	1400		1400				1310	\$9,170.00
								-		
								-		
								-		
								-		
								=		
								•		
								-		
OPTI DRILL (OBM)	bbl	\$65.00	3237		3237				495	\$32,175.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM	bbl bbl	\$89.50 \$15.00	439		439			-		
DISCOUNTED OBIVI	Iddi	\$15.00						-		
								-		
								ļ		
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00			\$1,080.00
ENGINEERING (MILES)	each	\$1.00								\$1,792.00
ENGINEERING	each .	\$990.00				2	\$1,980.00			\$27,720.00
SCALE TICKET	each	\$15.00							3	\$45.00
FORKLIFT WITH OPERATOR	each	\$125.00 \$2.65						}	2764	\$250.00 \$7,325.24
TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00						-	2764 2	
PALLETS (ea)	each	\$12.00							76	\$912.00
SHRINK WRAP (ea)	each	\$12.00						}	68	\$816.00
								ļ		
		Daily S	ub-Total \$5	,608.41	Cumulativ	ve Total \$1	31,115.50		\$131, <sup>-</sup>	115.50
					<u> </u>			Į		

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
08/23/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	24	48	Repo	rt #19
	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 Transfer F/Rommel 4H	gal	\$2.39						=		
Diesel Transfer F/Redwood A1H	gal	\$2.38						=	7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34						-	7199	\$16,845.66
Diesel 7200	gal	\$2.32						-	5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32						-		
Diesel Transfer F/Rommel 4H	gal	\$2.26						-	6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23						-	7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23	6528		1196	5332	\$11,890.36		6004	\$13,388.92
Diesel 8/18/21	gal	\$2.22	1000		1000					
Diesel 8/22/21	gal	\$2.13	7200		7200					
Diesel 8/22/21	gal	\$2.14		5000	5000					
								_		
								_		
								_		
								_		
								_		
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								_		
								-		
								-		
					Daily Su	ıb-Total \$1	1,890.36		\$91,8	399.91
								ı .		
	C	ulative Total	I AEC 0 21	Darty #200	015 44					
	Cumi	uiative TOtal	AES & SIG	Party \$223	,013.41					
I	· <u></u>									

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

	<b>.</b>	0/0/0/	0/4/04	0/5/04	WEEK 1	0.77.04	010101	0/0/04	0/40/04	0111101	0/10/01	WEEK 2	0// //0/	0/45/04	0/40/04	0/4=/04	0/10/01	0/10/01	WEEK 3	0/04/04	0/00/04	0/00/04
	Date	8/3/21	8/4/21	8/5/21	8/6/21 Fri	8/7/21 Sat	8/8/21	8/9/21 Mon	8/10/21	8/11/21	8/12/21	8/13/21 Fri	8/14/21 Sat	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21 Thu	8/20/21 Fri	8/21/21 Sat	8/22/21	8/23/21
	Bit Size	<b>Tue</b> 9 7/8	<b>Wed</b> 9 7/8	<b>Thu</b> 9 7/8	9 7/8	9 7/8	<b>Sun</b> 9 7/8	9 7/8	<b>Tue</b> 9 7/8	<b>Wed</b> 9 7/8	<b>Thu</b> 9 7/8	6 3/4	6 3/4	<b>Sun</b> 6 3/4	Mon 6 3/4	<b>Tue</b> 6 3/4	Wed 6 3/4	6 3/4	6 3/4	6 3/4	<b>Sun</b> 6 3/4	Mon 6 3/4
Grand	Starting Depth	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
		<u> </u>	<u> </u>				11,022		· ·					·				· ·				
	Footage Drilled	1,971	<b>3,951</b>	<b>1,577</b>	-	-	-	-	-	-	-	<b>56</b>	<b>684</b> 30	-	-	-	-	-	<b>21</b>	<b>223</b>	2,119	2,653
967	New Hole Vol.	189			-	-	-	-	-	-				-	-		-	-			94	117
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
	Chemical Additions	2	7	2		00					6	3	4	8	6		8	4	9	40	7	10
		117	173	166		38					1	16	49	10	1	24	51 7	44	66 8	18 7	92	130
	Barite Increase Weighted Mud Added	<u> </u>		474			2,915				2,915	35	21		439		/	14	0	,		
0,743	Slurry Added			4/4			2,913				2,910				439							
201	Water Added	25	20	25											1	1					65	64
-	Added for Washout																					- 0.
8.108	Total Additions	144	200	667	-	38	2,915	_	-	-	2.922	54	74	18	447	25	66	62	83	25	164	204
	Surface Losses						_,				_,-,											
-	Formation Loss																					
746	Mud Loss to Cuttings	104	206	81								6	89						12	16	103	129
790	Unrecoverable Volume	27	100	128	30	89					54			15		26	176	67		79		
191	Centrifuge Losses	40	41	40								30	40									
1,727	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
5,876	Mud Transferred Out					2,961		2,915														
3,808	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21								Lost 26bls during cen	s unrecover ment job.	able while l	POOH wet	due to plug	ged pipe
4,171		8/4/21							8/11/21							8/18/21		113bls of monal 63bls				
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/stad	ck flushing.		8/19/21		s to mud lef hile drilling				OH, and to
		8/6/21							8/13/21		00' wet to			additional 3 shakers wh		8/20/21	Lost 12bls	s to cuttings	at shakers	while time	drilling and	TIH.
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	l. 507 Left	in casing.	8/14/21	TD. Lost 4	10bls to cer	ntrifuges wh	nile process	ng and circu sing on active and circulat	ve and	8/21/21		s to MOC w haker over				s to open
		8/8/21							8/15/21	Lost 15bls	while finish	ning POOH	and runnin	ng wireline l	ogs.	8/22/21	Lost 103bl	ls to mud o	n cuttings v	vhile drilling	J.	
		8/9/21							8/16/21		439bls of 1 eline opera		M from mud	d plant. No	losses	8/23/21	Lost 129bl	ls to mud o	n cuttings v	vhile drilling	J.	

**Report #20** TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

**OUTSOURCE FLUID SOLUTIONS LLC.** 

88.6°

11,681' TVD

Operator M A C N	NOLIA (			Contractor	TERSO	NAI .	County / Parish /	Block IINGTOI	NI .	Engineer Start	Date   4/21	24 hr f	1,592 ft		Orilled De	-	n #4	
Well Name and No.	VOLIA	JIL & G	IAS	Rig Name an		ZIN	State	IIINGTO	IN .	Spud Date	14/21	Curren	•		Activity	7,63	U IL	
	MMEL	UNIT 3I	1		248			EXAS			4/21		120 ft/hr				ΓERAI	-
Report for BRANDON	PARKS	S / .JAMF	S DYFR	Report for	ol Pusi	ner	Field / OCS-G #	NGS (A	<u>.</u> )	Fluid Type	вм		ating Rate 378 gpm		Circulatin 5	g Press 630		
			TY SPECIF					LUME (BE			л ЛР #1		PUMP #2				OSTER	2
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	5 bbl	Liner Size		5 Line			Liner S			
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	73 <sup>-</sup>	1 bbl	Stroke	12	Str	oke 1	2	Strok	e		
				8/24/21		8/23/21	Active	129	6 bbl	bbl/stk	0.06	25 bb	/stk 0.0	625	bbl/s	tk	0.0000	
Time Sample	Taken			0:30		14:00	Storage	260	0 bbl	stk/min	72	stk	/min 7	<b>'</b> 2	stk/m	in		
Sample Locati	on			pit		shaker	Tot. on Loc	cation 389	6 bbl	gal/min	189	gal,	/min 18	89	gal/m	iin	0	
Flowline Temp	erature °F	<u> </u>		120 °F		122 °F	F	PHHP = 124	11	C	IRCULA	TION DA	TA	1	n = 0.7	746 K	= 150.58	88
Depth (ft)				17,580'		17,114'	Bit D	epth = 17,	630 '		Washo	ut = 5%		Pump I	Efficier	ncy =	95%	
Mud Weight (p	ppg)			10.5		10.5	Drill String	Volume	to Bit	249.7 bbl	Stro	kes To Bit	3,998	Т	ime To	Bit	28 min	
Funnel Vis (se	c/qt)		@ 105 °F	66		62	Disp.	Bottoms U	Jp Vol.	480.9 bbl	Botton	nsUp Stks	7,698	Botton	nsUp T	ïme	53 min	
600 rpm				52		47	98.0 bbl	TotalCi	rc.Vol.	1295.6 bb	l Tota	lCirc.Stks	20,741	Total	Circ. T	ïme	144 mir	1
300 rpm				31		29		DRILLIN	G ASS	SEMBLY D	ATA		s	OLIDS	CON	TROL		
200 rpm				23		22	Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	Unit		Scree	ens	Hours	
100 rpm				15		14	Drill Pipe	4.500	3.	826 17	,498'	0'	Shaker	1	170	)	24.0	
6 rpm				6		6	Collars	5.250	2.	688 1	132'	17,498'	Shaker	2	170	)	24.0	
3 rpm				5		5	Collars					17,630'	Shaker	3	170	)	24.0	
Plastic Viscosi	ity (cp)		@ 150 °F	21		18	Dir. BHA					17,630'	Desand	ler				
Yield Point (lb/	/100 ft²)		T0 = 4	10		11		CASIN	NG & H	HOLE DATA	Ą		Desilte	er				
Gel Strength (I	lb/100 ft²)	10	sec/10 min	7/10		6/8	Casing	OD (in.)	ID	(in.) D	epth	Тор	Centrifug	ge 1			0.0	
Gel Strength (I	lb/100 ft <sup>2</sup> )		30 min	12		10	Riser	20					VOLUN	IE ACC	COUN	TING	(bbls)	
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	6.4		3.0	Surface	10 3/4	9.	950 3,	518'	0'	Prev. T	otal or	Loca	tion	3807	.6
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 11	,014'	0'	Transfe	erred In	ı(+)/Ou	ut(-)		
Retort Solids C	Content			16%		16%	Washout 1							Oil	Added	(+)	102	6
Corrected Soli	ds (vol%)			13.8%		13.7%	Washout 2							Barite	Added	(+)	7.	0
Retort Oil Con	tent			61%		61%	Oper	Hole Size	7.	088 17	',630'		Other Pr	oduct I	Usage	(+)	14	.1
Retort Water 0	Content			23%		23%	ANI	NULAR GE	OME	TRY & RHE	OLOG	<u>′</u>	\	Water A	Added	(+)	42	.1
O/W Ratio				73:27		73:27	annular		eas.	velocity	flow	ECD	Le	ft on C	uttings	s (-)	-77	.7
Whole Mud Ch	nlorides (n	ng/L)		54,000		57,000	section	de	epth	ft/min	reg	lb/gal		Mud or	n Cutti	ngs		
Water Phase S	Salinity (p	pm)		269,091		279,856							Non-Rec	overab	ole Vol	. (-)		
Whole Mud All	kalinity, P	om		2.7		4.0	6.875x4.	5 11,	,014'	342.8	turb	11.74	Est. T	otal or	Loca	tion —	3895	6
Excess Lime (	lb/bbl)			3.5 ppb		5.2 ppb	7.088x4.	5 17,	,498'	308.8	turb	12.21	Est. Los	ses/Ga	ains (-).	/(+)	0.	.0
Electrical Stab	ility (volts	)		412 v		510 v	7.088x5.2	25 17,	,630'	408.3	turb	12.33		HYDR	AULIC	S DA	TA	
Average Speci	ific Gravit	y of Solids	3	3.17		3.12							Bit H.S.I.	Bit ∠	<u> </u>	Nozzle	s (32nds	s)
Percent Low G	-	lids		7.4%		7.7%							0.38	62	_	-	18 18	┥
ppb Low Gravi	-			61 ppb		63 ppb							Bit Impact Force	Noz: Velo	city	18	18 18	3
Percent Barite				6.4%		6.1%				. –				(ft/se	´  -			4
ppb Barite				92 ppb		87 ppb	BIT D		-	anuf./Type	1	RITY / PDC		81		0:		4
Estimated Tota		System	ppb	N D'''	^		Size	Depth In				ROP ft/hr	Motor/M				Pressur	е
Sample Taken Remarks/Reco				N. Dilly	0	M Washburn	6 3/4 Rig Activity:	11,022 ft	8	9.0 6,3	306 ft	70.9	3,050 p	JSI		5,630	psi	$\dashv$

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Drill lateral section to TD.

Rig Activity:

Drill from 16,038' to 17,630'. Samples 100% AC. Pumping 10bbls LCM sweeps every 300' drilled. Process active mud thru cooling unit continuously. Mud Temp in suction 105 F. Currently drilling ahead. Adding diesel/water for LGS control and volume. Treating with Lime for alkalinity, CaCl for salinity, OptiWet for oil wetting of solids, OptiMUL for ES, OptiG for HTHP control, and Bentone38 for flow properties. Maintaining MW at 10.5ppg. No downhole losses up to current depth. GAS 1000-1500 units, Torque 16000, ROP 120'/hr, BHT 311F.

-															l	
	∃ng. 1:	Mi	ke W	ashbı	urn	Eı	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	Phone:	3	61-94	5-57	77	PI	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	/ P 1	Y 1	E 1	C 0	g 1	G 1	H 1	O 1	carefully	and may be	used if the user		r, no representati	nas been prepared on is made as to the	\$9,721.75	\$140,837.25
												INCLUD	ING 3RD PAR	TY CHARGES	\$18,404.49	\$241,419.90

Item  SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) GRAPHITE POWDER F (50)	DAILY  Unit  50# sk 5 gal gal 100# sk  each each  50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 30# sk 25# sk 30# sk 30# sk 50# sk	\$44.56 \$44.56 \$41.36 \$14.00 \$19.75  \$7.00 \$11.25  \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75  \$5.25 \$21.47 \$28.05 \$28.05	Previous Inventory 93 29 29 483 440 605 232 73 189 293	Received	Closing Inventory  93 29 448 300 150 54 80 555 275 440 225 73	Daily Usage  35 100 30 9 165 165 7	\$1,773.75
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 5 gal gal 100# sk each each 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$44.56 \$41.36 \$14.00 \$19.75 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	93 29 29 483 400 180 63 80 55 440 605 232 73	Received	1nventory 93 29 29 448 300 150 54 80 225 73	35 100 30 9 165 7	\$501.20 \$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 5 gal gal 100# sk each each 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$44.56 \$41.36 \$14.00 \$19.75 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	93 29 483 400 180 63 80 55 440 605 232 73		93 29 448 300 150 54 80 55 275 440 225 73	35 100 30 9 165 165	\$501.20 \$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
PHPA LIQUID (pail)  EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	5 gal gal 100# sk each each 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk	\$41.36 \$14.00 \$19.75 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	483 400 180 63 80 55 440 605 232 73		29 448 300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
EVO-LUBE  NEW GEL (PREMIUM)  ALUMINUM TRISTEARATE  SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)	gal 100# sk each each  50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$14.00 \$19.75 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	483 400 180 63 80 55 440 605 232 73		448 300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	100# sk each each 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$19.75 \$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
ALUMINUM TRISTEARATE SOAP STICKS (ea) SAPP STICK (ea)  CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	each each  50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$7.00 \$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
SOAP STICKS (ea)  SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	each  50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 20# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
SAPP STICK (ea)  CACL2 (50)  LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	each  50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 20# sk 50# sk 25# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$11.25 \$14.32 \$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
LIME (50)  OPTI - G  BENTONE 38 (50)  BENTONE 910 (50)  BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$5.00 \$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05	400 180 63 80 55 440 605 232 73		300 150 54 80 55 275 440 225 73	100 30 9 165 165 7	\$500.00 \$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk  50# sk 25# sk 30# sk 30# sk 50# sk	\$30.59 \$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05 \$30.37	180 63 80 55 440 605 232 73		150 54 80 55 275 440 225 73	30 9 165 165 7	\$917.70 \$1,475.46 \$1,773.75 \$1,376.10 \$271.04
BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 50# sk 50# sk gal gal 50# sk 25# sk  50# sk 25# sk 30# sk 30# sk 50# sk	\$163.94 \$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$21.47 \$28.05 \$28.05 \$30.37	63 80 55 440 605 232 73		54 80 55 275 440 225 73	9 165 165 7	\$1,475.46 \$1,773.75 \$1,376.10 \$271.04
BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 50# sk gal gal 50# sk 25# sk  50# sk 25# sk 30# sk 30# sk 50# sk	\$59.40 \$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05	80 55 440 605 232 73		80 55 275 440 225 73	165 165 7	\$1,773.75 \$1,376.10 \$271.04
BENTONE 990 (50)  OPTI - MUL  OPTI - WET  NEW PHALT  OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	50# sk gal gal 50# sk 25# sk  50# sk 25# sk 30# sk 30# sk 50# sk 50# sk	\$83.59 \$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$30.37	55 440 605 232 73		55 275 440 225 73	165 7	\$1,376.10 \$271.04
OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	gal gal 50# sk 25# sk  50# sk 25# sk  30# sk 30# sk 50# sk 50# sk	\$10.75 \$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$30.37	440 605 232 73		275 440 225 73	165 7	\$1,376.10 \$271.04
OPTI - WET NEW PHALT OIL SORB (25)  NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	gal 50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 30# sk 50# sk 50# sk	\$8.34 \$38.72 \$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$30.37	605 232 73 189		440 225 73	165 7	\$1,376.10 \$271.04
OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$30.37	189		73		
OIL SORB (25)  NEW CARB (M)  CYBERSEAL  MAGMAFIBER F (25)  MAGMAFIBER R (30)  VARISEAL  FIBER PLUG  NUT PLUG M (50)  MICA F (50)	50# sk 25# sk 25# sk 30# sk 30# sk 50# sk	\$4.75 \$5.25 \$21.47 \$28.05 \$28.05 \$30.37	189			5	
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	25# sk 25# sk 30# sk 30# sk 50# sk	\$21.47 \$28.05 \$28.05 \$30.37			184	5	\$26.25
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	25# sk 25# sk 30# sk 30# sk 50# sk	\$21.47 \$28.05 \$28.05 \$30.37			184	5	\$26.25
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	25# sk 25# sk 30# sk 30# sk 50# sk	\$21.47 \$28.05 \$28.05 \$30.37			184	5	φ∠0.∠5
MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	25# sk 30# sk 30# sk 50# sk	\$28.05 \$28.05 \$30.37	293		l l		
MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	30# sk 30# sk 50# sk 50# sk	\$28.05 \$30.37	200		288	5	\$140.25
VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50)	30# sk 50# sk 50# sk	\$30.37			200		ψ140.23
FIBER PLUG NUT PLUG M (50) MICA F (50)	50# sk 50# sk						
MICA F (50)	50# sk	4					
		\$12.04					
GRAPHITE POWDER F (50)	50# sk	\$10.28	40		40		
		\$24.14	64		64		
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80		
BARITE BULK (100)	100# sk	\$7.00	1400		1300	100	\$700.00
ODTI DDILL (ODM)	hhl	ФСE 00	2027		2227		
OPTI DRILL (OBM) OPTIDRILL 17.5 PPG	bbl	\$65.00 \$89.50	3237 439		3237 439		
DISCOUNTED OBM	bbl	\$15.00	400		400		
DIGGGGIVIED GDIVI	DDI	ψ10.00					
ENGINEERING (24 HR)	each	\$925.00					
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00
ENGINEERING (MILES)	each	\$1.00					
ENGINEERING	each	\$990.00				2	\$1,980.00
SCALE TICKET	each	\$15.00					
FORKLIFT WITH OPERATOR	each	\$125.00					
TRUCKING (cwt)	each	\$2.65					
TRUCKING (min)	each	\$795.00					
PALLETS (ea)	each	\$12.00					
SHRINK WRAP (ea)	each	\$12.00					
			ub-Total \$9	701		re Total \$1	40.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
08/24/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	24	48	Repo	rt #20
	DAILY	USAGE 8	k COST	<b>!</b>			<b>!</b>		CUMU	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39						_		
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34						-		\$16,845.66
Diesel 7200	gal	\$2.32						-	5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23	1196			1196	\$2,667.08		7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22	1000			1000	\$2,220.00		1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13	7200		5418	1782	\$3,795.66		1782	\$3,795.66
Diesel 8/22/21	gal	\$2.14	5000		5000					
								_		
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		<u> </u>	<u> </u>	<u> </u>		<u> </u>	l			<u>I</u>
					Daily S	ub-Total \$8	3,682.74		\$100,	582.65
	_							. L		$\overline{}$
	Cumi	ılative Total	AES & 3rd	Party \$241	.419.90					
				, +=	,					
i .										ļ

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
	Date	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
14.847	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-		-	-	-	21	223	2,119	2,653
		189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
-,,,,,,,,	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
90	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
1,099	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	130
99	Barite Increase											35	21				7	14	8	7		
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
243		25	20	25											1	1					65	64
	Added for Washout																					
8,274	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	164	204
-	Surface Losses																					
-	Formation Loss	404	000	0.4															40	40	400	400
	Mud Loss to Cuttings Unrecoverable Volume	104 27	206 100	81 128	30	89					54	6	89	15		26	176	67	12	16 79	103	129
191	Centrifuge Losses	40	41	40	30	69					54	30	40	15		20	176	67		79		
			1							1												
1,805		171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
5,876	Mud Transferred Out					2,961		2,915														
3,896	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cen	s unrecover ment job.	able while I	POOH wet	due to plug	ged pipe
4,171		8/4/21							8/11/21									113bls of monal 63bls				
	-	8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/stad	ck flushing.		8/19/21		s to mud lef hile drilling				OH, and to
		8/6/21							8/13/21		00' wet to p			additional 3 shakers wh		8/20/21	Lost 12bls	s to cuttings	at shakers	while time	drilling and	d TIH.
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost 4	10bls to cer	ntrifuges wh	nile process	ng and circo sing on action and circulat	ve and	8/21/21		s to MOC w shaker over				
		8/8/21							8/15/21	Lost 15bls	while finish	ning POOH	and runnir	ng wireline l	ogs.	8/22/21	Lost 103bl	ls to mud o	n cuttings v	vhile drilling	J.	
		8/9/21							8/16/21		439bls of 1 eline opera		M from mud	d plant. No	losses	8/23/21	Lost 129bl	ls to mud o	n cuttings v	vhile drilling	<b>]</b> .	

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

0.0°

0' TVD

Operator				Contractor			County / Parish /	Block		Engineer Star	rt Date	24 hr	ftg.		Drilled	Depth		
MAGI	NOLIA (	OIL & G	SAS	PA	TERSO	ON	WASH	HINGT	ΓΟΝ	07/	14/21		315 1	ft		17,9	45 ft	
Well Name and No.				Rig Name ar			State			Spud Date		Curre	nt ROP		Activity			
Report for	MMEL	UNIT 3	Η	Report for	248		TI Field / OCS-G #	EXAS		07/ Fluid Type	14/21	Circul	0 ft/h	r	Circula	PO ating Pre		
BRANDON	PARKS	S/JAME	S DYER		ol Pusi	ner	GIDDI		(AC)		вм	O. O.	0 gpi	n	O.I. Galle	-	si	
	MUD	PROPER	TY SPECIF	CATION	s		MUD VO	LUME	(BBL)	PU	MP #1		PUMP	#2	RIS	ER B	OOST	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		579 bbl	Liner Size	e 4.7	5 Line	er Size	4.75	Line	r Size		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	:	844 bbl	Stroke	12	2 St	roke	12	Str	oke		
		l .	1	8/25/21		8/24/21	Active		579 bbl	bbl/stk	0.06	25 bb	ol/stk	0.0625	bb	l/stk	0.00	000
Time Sample	Taken			0:30		13:00	Storage	e	2526 bbl	stk/min	0	stl	c/min	0	stk	/min		
Sample Locati	ion			pit		pit	Tot. on Lo	cation	3949 bbl	gal/min	0	ga	l/min	0	gal	/min	0	)
Flowline Temp	perature °F	=				122 °F		PHHP	= 0		CIRCUL	ATION D	ATA		n = (	0.727	K = 158	8.853
Depth (ft)				17,945'		17,945'	E	Bit Dept	h = '		Wash	out = 5%		Pum	p Effici	iency :	= 95%	,
Mud Weight (p	opg)			10.5		10.5	Drill String	Vol	ume to Bit	0.0 bbl	Str	kes To Bi	t		Time	To Bit		
Funnel Vis (se	ec/qt)		@ 117 °F	58		64	Disp.	Botton	ns Up Vol.	0.0 bbl	Botto	msUp Stks	S	Bott	omsUp	Time		
600 rpm				48		49	0.0 bbl	Tot	alCirc.Vol.	579.0 bb	ol Tot	alCirc.Stks	3	To	tal Circ.	. Time		
300 rpm				29		30		DRIL	LING ASS	SEMBLY D	DATA			SOLII	os co	NTRC	)L	
200 rpm				23		22	Tubulars	OD (i	n.) ID	(in.) L	ength.	Тор	U	nit	Scr	eens	Hou	urs
100 rpm				15		15	Drill Pipe	4.50	00 3.	826	0'	0'	Sha	ker 1	1	70	12.	.0
6 rpm				6		6	Collars	5.25	50 2.	688	0'	0'	Sha	ker 2	1	70	12.	.0
3 rpm				5		5	Collars					0'	Sha	ker 3	1	70	12.	.0
Plastic Viscos	ity (cp)	@ 150 °F	19		19	Dir. BHA					0'	Desa	ander					
Yield Point (lb.	/100 ft²)		T0 = 4	10		11		CA	SING & I	HOLE DAT	ΓΑ		Des	silter				
Gel Strength (	lb/100 ft²)	10	sec/10 min	6/10		6/9	Casing	OD (i	n.) ID	(in.) [	Depth	Тор	Centri	ifuge 1			0.0	0
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	12		13	Riser	20					VOL	UME A	ccou	NTING	G (bbl	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	4.4		4.4	Surface	10 3	/4 9.	950	3,518'	0'	Prev	/. Total	on Loc	cation	38	895.6
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/	8 6.	875 1	1,014'	0'	Tran	sferred	In(+)/0	Out(-)		
Retort Solids (	Content			16.5%		16%	Washout 1							С	il Adde	ed (+)		46.2
Corrected Soli	ids (vol%)			14.5%		13.8%	Washout 2							Barit	e Adde	ed (+)		7.0
Retort Oil Con	itent			61.5%		61%	Oper	n Hole S	Size 7.	088 1	7,945'		Other	Produc	ct Usaç	ge (+)		6.1
Retort Water (	Content			22%		23%	AN	NULAR	GEOME	TRY & RH	EOLOG	Y	1	Wate	er Adde	ed (+)	:	21.4
O/W Ratio				74:26		73:27	annula	r	meas.	velocity	flow	ECD	1	Left on	Cuttin	gs (-)	-	-15.4
Whole Mud Cl	hlorides (n	ng/L)		50,000		55,000	section	1	depth	ft/min	reg	lb/gal		Mud	on Cu	ttings	-	-12.0
Water Phase	Salinity (p	pm)		262,745		272,715		•					Non-F	Recover	able V	ol. (-)		
Whole Mud Al	kalinity, P	om		2.9		3.0							Es	t. Total	on Loc	cation	39	48.9
Excess Lime (	lb/bbl)			3.8 ppb		3.9 ppb							Est. L	osses/	Gains (	(-)/(+)		0.0
Electrical Stab	oility (volts)	)		404 v		490 v							В	IT HYD	RAUL	ICS D	ATA	
Average Spec	ific Gravity	y of Solids	6	3.10		3.12							Bit H.S	.l. B	it ∆P	Nozz	les (32	nds)
Percent Low C	Gravity Sol	lids		8.3%		7.7%							0.00		psi	18	18	18
ppb Low Grav	ity Solids			68 ppb		63 ppb							Bit Impa	act I	ozzle	18	18	18
Percent Barite				6.2%		6.1%							Force	' I ve	locity /sec)			
ppb Barite				89 ppb		88 ppb	BIT D	ATA	Ma	anuf./Type	SECU	RITY / PDC	0 lbs		0			
Estimated Tot	al LCM in	System	ppb				Size	Depth	n In H	ours F	ootage	ROP ft/hi	Motor	/MWD	Cald	c. Circ	. Press	sure
Sample Taker	п Ву			N. Dilly	0	M Washburn	6 3/4	11,02	2 ft 9	5.0 6	,621 ft	69.7	L		1			
Remarks/Reco	mmendatio	ons:					Rig Activity:											

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Change out BHA, TIH, & finish drilling lateral.

Continued treating mud with CaCL for salinity, Lime for alkalinity, Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Rig Activity:

Drill 6-3/4" lateral hole section to 17,945', pump 2 X 30 bbls LCM sweeps, and circulate 3 X B/U (shakers clear of cuttings). Shut in well (no casing pressure). Well flowing on flow check. Strip out of hole filling annulus to 10,580'. Pump 52bls of kill mud down backside and chase with 113bls of 10.5ppg active mud (top of cap @9,422'). Strip out of hole to 9,422' and circulate B/U. Shut in well and monitor casing pressure. Well flowing when opened up so continue stripping out of hole to 7,558' filling backside with 17.5ppg kill mud. Flow check, no flow. POOH to 6,141' and pump slug. Finish POOH and laying down BHA at report time.

	ng. 1: hone:		ke W 61-94				ng. 2: none:		k Dilly 07-8848	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 1	P 1	Y 1	E 1	C 0	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	\$7,563.82	\$148,401.07
												INCLUDI	NG 3RD PAR	TY CHARGES	\$11,465.98	\$252,885.88

08/25/21	Operator MAGI	NOLIA OIL		Well Name a	ind No. <b>MMEL UNIT</b>		Rig Name an		ort #21
-		USAGE 8		<u> </u>					LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
			Inventory	Neceivea	Inventory	Usage	Daily Cost	Usage	
SAPP (50)	50# sk	\$44.56	93		93			54	
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	29		29				\$41.36
NEW GEL (PREMIUM)	gal 100# sk	\$14.00							
ALUMINUM TRISTEARATE	100# 38	ψ19.73							
SOAP STICKS (ea)	each	\$7.00						77	\$539.00
SAPP STICK (ea)	each	\$11.25						77	<u> </u>
,									
CACL2 (50)	50# sk	\$14.32	448		427	21	\$300.72	301	\$4,310.32
LIME (50)	50# sk	\$5.00	300		250	50	\$250.00	630	\$3,150.00
OPTI - G	50# sk	\$30.59	150		140	10	\$305.90	240	<del> </del>
BENTONE 38 (50)	50# sk	\$163.94	54		50	4	\$655.76	13	\$2,131.22
BENTONE 910 (50)	50# sk	\$59.40	80		80			27	· ·
BENTONE 990 (50)	50# sk	\$83.59	55		55			59	· ·
OPTI - MUL	gal	\$10.75	275		220	55	\$591.25		\$11,825.00
OPTI - WET	gal	\$8.34	440		385	55	\$458.70	615	<del> </del>
NEW PHALT	50# sk	\$38.72	225		225		<b>A</b>	102	<del> </del>
OIL SORB (25)	25# sk	\$4.75	73		64	9	\$42.75	13	\$61.75
NEW CARB (M)	50# sk	\$5.25	184		184	<del>-</del>		39	\$204.75
CYBERSEAL	50# sk	\$5.25 \$21.47	184		184			38	φ∠υ4./5
MAGMAFIBER F (25)	25# sk	\$28.05	288		288			60	\$1,935.45
MAGMAFIBER R (30) VARISEAL	30# sk	\$28.05	200		200				41,000.10
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04							
MICA F (50)	50# sk	\$10.28	40		40				
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64				
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80				
BARITE BULK (100)	100# sk	\$7.00	1300	420	1620	100	\$700.00	1510	\$10,570.00
OPTI DRILL (OBM)	bbl	\$65.00	3237		3237			495	\$32,175.00
OPTIDRILL 17.5 PPG	bbl bbl	\$89.50	3237 439		3237 439			498	\$32,175.00
					ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			499	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			499	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			498	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50			ł —			499	\$32,175.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM	bbl	\$89.50			ł —				\$32,175.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR)	bbl	\$89.50 \$15.00			ł —	2	\$60.00		
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl	\$89.50 \$15.00 \$925.00			ł —	2	\$60.00	8 40	\$7,400.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR)	each	\$89.50 \$15.00 \$15.00 \$925.00 \$30.00			ł —	2		8 4( 1792	\$7,400.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$89.50 \$15.00 \$15.00 \$925.00 \$30.00 \$1.00			ł —			8 4( 1792	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING	each bbl each each	\$89.50 \$15.00 \$15.00 \$925.00 \$30.00 \$1.00 \$990.00			ł —	2	\$1,980.00	8 4( 179) 32	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00 \$60.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	each bbl each each each	\$925.00 \$30.00 \$15.00			ł —	2	\$1,980.00 \$15.00	8 4( 179) 32	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00 \$60.00 \$250.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	each bbl each each each each	\$925.00 \$30.00 \$15.00 \$1.00 \$1.00 \$15.00			ł —	2	\$1,980.00 \$15.00	8 4( 1792 32	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00 \$60.00 \$250.00 \$9,528.96
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	each bbl each each each each each	\$925.00 \$30.00 \$15.00 \$1.00 \$1.00 \$15.00 \$2.65			ł —	2	\$1,980.00 \$15.00	8 40 1792 32 2 3596	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00 \$60.00 \$250.00 \$9,528.98 \$1,590.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM  ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each bbl each each each each each each	\$925.00 \$15.00 \$925.00 \$30.00 \$15.00 \$15.00 \$2.65 \$795.00			ł —	2	\$1,980.00 \$15.00	3596	\$7,400.00 \$1,200.00 \$1,792.00 \$31,680.00 \$250.00 \$9,528.98 \$1,590.00 \$912.00

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
08/25/21	MAGI	NOLIA OIL	& GAS	ROI	MMEL UNI	Г 3Н	2	48	Repo	rt #21
	DAILY	USAGE 8	& COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13	5418		3586	1832	\$3,902.16		3614	\$7,697.82
Diesel 8/22/21	gal	\$2.14	5000		5000					
Diesel 8/24/21	gal	\$2.23		7000	7000					
		I	<u> </u>	<u> </u>	Daily S	ub-Total \$3	l 3,902.16		\$104,4	<b>484.81</b>
	Cumi	ulative Tota	I AES & 3rd	Party \$252	2,885.88					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
15,162	Footage Drilled	1,971	3,951	1,577		-	-	-	-	-		56	684	-	-	-	-	-	21	223	2,119	2,653
1,051	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
•	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
96	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
1,145	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	130
106	Barite Increase											35	21				7	14	8	7		
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
264	Water Added	25	20	25											1	1					65	64
	Added for Washout																					
8,354	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	164	204
-	Surface Losses																					
-	Formation Loss	404	000	0.4									00						40	40	400	400
851 790	Mud Loss to Cuttings Unrecoverable Volume	104 27	206 100	81 128	30	89					54	6	89	15		26	176	67	12	16 79	103	129
191	Centrifuge Losses	40	41	40	30	09					54	30	40	15		20	176	67		79		
	3			1						1		1		l				1		1		1
1,832	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
5,876	Mud Transferred Out					2,961		2,915														
3,949	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
	•			С	omment	s:					С	omment	s <i>:</i>					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls was	s in the	8/10/21							8/17/21	Lost 26bls during cen		able while I	POOH wet	due to plug	ged pipe
4,171		8/4/21							8/11/21							8/18/21			ud/spacer i of mud/spa			
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/sta	ck flushing.		8/19/21			t in open ho out cemen			OH, and to
		8/6/21							8/13/21		00' wet to p			additional 3 shakers wh		8/20/21	20/21 Lost 12bls to cuttings at shakers while time drilling and					
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	I. 507 Left i	in casing.	8/14/21	TD. Lost 4	10bls to cei	ntrifuges wh	nile proces	ng and circu sing on activ and circulati	ve and	8/21/21 Lost 16bls to MOC while drilling/circulating. Lost 79bls top from shaker overflow when pumping out trip tanks.						s to open
		8/8/21							8/15/21	Lost 15bls	while finisl	ning POOH	and runnir	ng wireline l	ogs.	8/22/21	Lost 103bl	ls to mud o	n cuttings v	vhile drilling	<b>J</b> .	
		8/9/21 Received 439bls of 17.5ppg OBM from mud plant. No losses during wireline operatons. 8/23/21 Lost 129bls to mud on cuttings while drilling.																				

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

9.1°

2,763' TVD

Operator MAGI	NOLIA (	OIL & (	GAS	Contractor PA	TTERSO	N	County / Parish /	Block	ON	Engineer S	Start Date 7/14/		24 hr ftg.	0 ft	C	rilled De	•	15 ft
Well Name and No.	MMEL	UNIT 3	ВН	Rig Name ar	nd No. <b>248</b>		State <b>TE</b>	EXAS		Spud Date	7/14/	21	Current F	O ft/hr	А	ctivity	PO	ЭН
Report for				Report for			Field / OCS-G #			Fluid Type			Circulatir	ng Rate	C	Circulatin	ng Pres	sure
BRANDON	PARKS	S/JAM	ES DYER	To	ol Pusi	ner	GIDDII	NGS (A	AC)		OBN	1		0 gpm			p	si
	MUD	PROPE	RTY SPECIF	ICATION	S	Г	MUD VO	LUME (I	BBL)	P	PUMP	#1	ı	PUMP #2		RISE	R BC	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	6	55 bbl	Liner S	Size	4.75	Liner S	Size 4.	75	Liner S	Size	
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole	. 8	27 bbl	Strok	е	12	Strok	ke 1	2	Strok	ке	
				8/26/21		8/25/21	Active	7	66 bbl	bbl/st	tk	0.0625	bbl/s	tk 0.0	625	bbl/s	tk	0.0000
Time Sample				0:30		15:00	Storage	·	553 bbl	stk/m	in	0	stk/m	nin (	)	stk/m	nin	
Sample Locati				pit		pit	Tot. on Loc			gal/m	in	0	gal/m	nin (	)	gal/m		0
Flowline Temp	erature °l	F						PHHP =			CIRC	CULATIO	N DAT	1				ζ = 131.956
Depth (ft)				17,945'		17,945'	Bit I	Depth = 2	2,778 '		- 1	ashout =	5%		Pump E	Efficie	ncy =	95%
Mud Weight (p	ppg)			10.7		10.6	Drill String	Volui	me to Bit	38.6 b	obl	Strokes	To Bit		Т	ime To	o Bit	
Funnel Vis (se	c/qt)		@ 92 °F	64		64	Disp.	Bottoms	Up Vol.	72.1 b	obl E	3ottomsUp	Stks		Bottom	sUp T	Time	
600 rpm				49		50	16.9 bbl	Total	Circ.Vol.	765.7	bbl	TotalCire	c.Stks		Total	Circ. T	Time	
300 rpm				29		30		DRILLI	NG AS	SEMBLY	DATA	4		S	OLIDS	CON	TRO	L
200 rpm				23		23	Tubulars	OD (in	.) ID	(in.)	Leng	th T	ор	Unit		Scree	ens	Hours
100 rpm				16		16	Drill Pipe	4.500	3.	.826	2,658	B' (	0'	Shaker	1	170	)	
6 rpm				6		6	Collars	5.250	2.	.688	120	2,6	558'	Shaker	2	170	)	
3 rpm				5		5	Collars					2,7	778'	Shaker	3	170	)	
Plastic Viscosi	ity (cp)		@ 150 °F	20		20	Dir. BHA					2,7	778'	Desand	ler			
Yield Point (lb/	/100 ft²)		T0 = 4	9		10		CAS	ING &	HOLE D	ATA			Desilte	er			
Gel Strength (	lb/100 ft²)	10	0 sec/10 min	6/10		6/10	Casing	OD (in	.) ID	(in.)	Dept	h T	ор	Centrifug	je 1			
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	12		13	Riser	20						VOLUM	IE ACC	OUN	TING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	4.4		4.4	Surface	10 3/4	9.	.950	3,518	8' (	0'	Prev. T	otal on	Loca	tion	3949.0
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875	11,01	4'	0'	Transfe	rred In	(+)/Ou	ut(-)	
Retort Solids (	Content			16.5%		16%	Washout 1								Oil A	Added	l (+)	85.4
Corrected Soli	ds (vol%)			14.4%		13.9%	Washout 2							I	Barite /	Added	l (+)	0.0
Retort Oil Con	tent			62%		62%	Oper	n Hole Si	ze 7.	.088	17,94	5'		Other Pr	oduct l	Jsage	(+)	0.0
Retort Water (	Content			21.5%		22%	ANI	NULAR (	GEOME	TRY & F	RHEOL	LOGY		١	Nater A	Added	l (+)	0.8
O/W Ratio				74:26		74:26	annular	r	meas.	veloci	ity fl	low E	CD	Le	ft on C	uttings	s (-)	0.0
Whole Mud Ch	nlorides (r	mg/L)		51,500		53,000	section	1	depth	ft/mii	n r	reg lb/	gal	I	Mud or	Cutti	ings	
Water Phase	Salinity (p	pm)		273,050		274,187								Non-Rec	overab	le Vol	l. (-)	
Whole Mud Al	kalinity, P	om		2.9		3.0	6.875x4.	.5	2,658'	0.0	la	am 10	.65	Est. T	otal on	Loca	tion	4035.2
Excess Lime (	lb/bbl)			3.8 ppb		3.9 ppb	6.875x5.2	25	2,778'	0.0	la	am 10	.65	Est. Los	ses/Ga	ins (-)	/(+)	0.0
Electrical Stab	ility (volts	)		420 v		455 v								ВІТ	HYDR	AULIC	CS DA	ATA
Average Spec	ific Gravit	y of Solid	ds	3.20		3.23								Bit H.S.I.	Bit ∆	1 q	Nozzle	es (32nds)
Percent Low C	Gravity So	lids		7.4%		6.9%								0.00	ps	Si	18	18 18
ppb Low Grav	ity Solids			61 ppb		57 ppb							E	Bit Impact	Nozz Veloc		18	18 18
Percent Barite				7%		7%								Force	(ft/se	-		
ppb Barite				100 ppb		100 ppb	BIT D	ATA	Ma	anuf./Typ	oe	GTD64	IM	0 lbs	0			
Estimated Total	al LCM in	System	ppb				Size	Depth	n H	ours	Foota	ge ROF	ft/hr	Motor/M\	WD	Calc.	Circ.	Pressure
Sample Taker	Ву			C. Beasley	0	M Washburn	6 3/4	17,945	ft	0.0	0 ft	#DI	V/0!					
Domarka/Daga							Dia Activity											

Remarks/Recommendations:

TOTAL OBM RECEIVED: 3861 bls

Plan Forward: Change out BHA, TIH, & finish drilling lateral.

Continued treating mud with CaCL for salinity, Lime for alkalinity, Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Rig Activity:

Make up BHA #6, strip in hole to 11084, attempt to circulate down drillstring, pipe was plugged up. Transfer kill mud from frac tanks to rig pits weight up to 17.5 as per standard procedure after kill mud density is slightly reduced from communication with lighter manifold mud and dead volume in rig pits. Pump 17.5# mud down backside to reduce casing pressure. Strip out to 6227', flow check, no flow. Trip out of the hole to 5975'. Pump to check PSI and held 2699 PSI in DS with no circulation. Flow check, no flow. Remove RH and LD Agitator. TOOH T/2778'. Currently POOH.

Er	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	one:	30	61-94	5-57	77	Ph	none:	337-2	07-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 0	g 1	G 1	H 1	O 1	carefully	and may be		elects, however	, no representati	nas been prepared on is made as to the	\$2,040.00	\$150,441.07
												INCLUDI	NG 3RD PAR	TY CHARGES	\$9,678.18	\$262,564.06

Date <b>08/26/21</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a <b>ROI</b>	IND NO. MMEL UNIT	Г 3Н	Rig Name ar	nd No. <b>48</b>	Report No. Repo	rt #22
	DAILY	USAGE 8	COST				1			ATIVE
		I	Previous		Closing	Daily	T		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE SOAP STICKS (ea)	- anah	\$7.00							77	\$539.00
SAPP STICKS (ea)	each each	\$11.25							77	\$866.25
5/11 6/16/K (54)	Odon	ψ11.20								Ψ000.20
							1			
CACL2 (50)	50# sk	\$14.32	427		427				301	\$4,310.32
LIME (50)	50# sk	\$5.00	250		250				630	\$3,150.00
OPTI - G	50# sk	\$30.59	140		140				240	- ' '
BENTONE 38 (50)	50# sk	\$163.94	50		50				-	\$2,131.22
BENTONE 910 (50)	50# sk	\$59.40 \$83.59	80		80 55				27 59	\$1,603.80 \$4,931.81
BENTONE 990 (50) OPTI - MUL	50# sk	\$10.75	55 220		220					\$11,825.00
OPTI - WET	gal	\$8.34	385		385				615	
NEW PHALT	50# sk	\$38.72	225		225				102	\$3,949.44
OIL SORB (25)	25# sk	\$4.75	64		64				13	\$61.75
NEW CARR (A4)	50"	<b>AF 0</b> -	401		40.1	_			20	#00 t ==
NEW CARB (M) CYBERSEAL	50# sk 25# sk	\$5.25 \$21.47	184		184		1	-	39	\$204.75
MAGMAFIBER F (25)	25# sk	\$28.05	288		288				69	\$1,935.45
MAGMAFIBER R (30) VARISEAL	30# sk	\$28.05	200		200			•		ψ1,000110
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1620		1620				1510	\$10,570.00
							1			
OPTI DRILL (OBM)	bbl	\$65.00	3237		3237				495	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50	439		439					·
DISCOUNTED OBM	bbl	\$15.00								
		-					1			
	<del></del>	<del>                                     </del>					+			
		-					+	-		
							1	1		
								]		
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	1		\$1,260.00
ENGINEERING (MILES)	each	\$1.00						1		\$1,792.00
ENGINEERING	each	\$990.00					2 \$1,980.00	]		\$33,660.00
SCALE TICKET	each	\$15.00							4	\$60.00
FORKLIFT WITH OPERATOR	each	\$125.00							2	\$250.00
TRUCKING (cwt)	each	\$2.65								\$9,528.98
TRUCKING (min)	each	\$795.00					1		2	\$1,590.00
PALLETS (ea)	each	\$12.00					-	ļ	76	\$912.00
SHRINK WRAP (ea)	each	\$12.00	l				1	ł	68	\$816.00
, /			ub-Total \$2	2,040.00	Cumulativ	ve Total \$	150,441.07		\$150, <sub>4</sub>	

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
08/26/21	MAGI	NOLIA OIL	ROI	MMEL UNI	Г ЗН	2	48	Repo	rt #22	
	DAILY	USAGE 8	& COST						CUMUI	∟ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13	3586			3586	\$7,638.18		7200	\$15,336.00
Diesel 8/22/21	gal	\$2.14	5000		5000					
Diesel 8/24/21	gal	\$2.23	7000		7000					
		<u> </u>	<u> </u>	<u> </u>			<u> </u>			
					Daily S	ub-Total \$7	7,638.18		\$112,	122.99
								•		
	Cumi	ulative Tota	I AES & 3rd	Party \$262	2.564.06					
	Guille	andulve TUId		. a.r.y \$202	.,507.00					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
15,162	Footage Drilled	1,971	3,951	1,577		-	-	-	-	-		56	684	-	-	-	-	-	21	223	2,119	2,653
1,051	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
•	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
96	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
1,230	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	130
106	Barite Increase											35	21				7	14	8	7		
6,743	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
265	Water Added	25	20	25											1	1					65	64
-	Added for Washout																					
8,440	Total Additions	144	200	667	-	38	2,915		-	-	2,922	54	74	18	447	25	66	62	83	25	164	204
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings	104	206	81								6	89						12	16	103	129
790	Unrecoverable Volume	27	100	128	30	89					54			15		26	176	67		79		
191	Centrifuge Losses	40	41	40								30	40									
1,832	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
5,876	Mud Transferred Out					2,961		2,915														
4,035	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
	•			С	omment	s:					С	omment	s:					С	omment	s:		
		8/3/21	2975 bbls casing.	Transferred	d F/ Redwo	od A1H. 3	29 bbls was	s in the	8/10/21							8/17/21	Lost 26bls during cen		able while l	POOH wet	due to plug	ged pipe
4,171		8/4/21							8/11/21							8/18/21			ud/spacer i of mud/spa			
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/sta	ck flushing.		8/19/21			t in open ho out cemen			OH, and to
		8/6/21							8/13/21		00' wet to p			additional 3 shakers wh		8/20/21	20/21 Lost 12bls to cuttings at shakers while time drilling and					
		8/7/21	2961 BBL	S Transferr	ed T/ Romr	mel Unit 4H	l. 507 Left	in casing.	8/14/21	TD. Lost 4	10bls to cei	ntrifuges wh	nile proces	ng and circu sing on activ and circulati	ve and	8/21/21 Lost 16bls to MOC while drilling/circulating. Lost 79bls top from shaker overflow when pumping out trip tanks.						s to open
		8/8/21							8/15/21	Lost 15bls	while finisl	ning POOH	and runnir	ng wireline l	ogs.	8/22/21	Lost 103bl	ls to mud o	n cuttings v	vhile drilling	<b>J</b> .	
		8/9/21	Possived 420ble of 17 Ener OPM from mud plant. No locace																			

Report #23 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

86.1° 11,518' TVD

Operator				Contractor			County / Parish /	Block		Engineer	Start Dat	te	24 hr ft	g.		Drilled [	Depth	
MAGI	NOLIA (	OIL & G	SAS	PA	TERSO	ON	WASH	IINGTO	N	0	7/14	/21		0 ft		•	17,9	45 ft
Well Name and No.				Rig Name ar			State			Spud Date	9		Curren	ROP		Activity		
	MMEL	UNIT 3	H	Deposit for	248		TE Field / OCS-G #	EXAS			7/14	/21	0:1-	0 ft/hr		0:1-1	TI ting Pre	
Report for BRANDON	PARKS	JAME	S DYER	Report for	ol Pusi	ner		NGS (A	C)	Fluid Type	OB	и	Circuia	ting Rate  0 gpm		Circulat	·	ssure ISİ
			TY SPECIF					LUME (B			PUMP			PUMP #2	!	RIS	-	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		31 bbl	Liner S		4.75	Liner		.75	Liner		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		31 bbl	Strok		12	Stro		12	Stro		
0.0.12	10 20	0 20	7000	8/27/21	110 110	8/26/21	Active		46 bbl	bbl/s		0.0625			0625	bbl/		0.0000
Time Sample	Taken			0:30		15:00	Storage		69 bbl	stk/m		0			0	stk/i		0.0000
Sample Locati				pit		pit	Tot. on Lo			gal/m		0			0	gal/i		0
Flowline Temp		<u> </u>		Pit.		Pit	100.011200	PHHP = (		gavii		CULATION						K = 154.41
Depth (ft)	- Crataro 1			17,945'		17,945'	Rit F	Depth = 14				/ashout =			Pump			
Mud Weight (r	nna)			10.7		10.7				211.8		Strokes			<u> </u>	Time 1		- 0070
Funnel Vis (se	,		@ 92 °F	62		64	Drill String Disp.	Bottoms				Bottomsl				msUp		
600 rpm	:6/41)		92 1	50		51	83.2 bbl			1245.7		TotalCi				l Circ.		
300 rpm				30		31	00.2 001	DRILLIN					C.OIKS	S	SOLIDS			ıl
200 rpm				23		23	Tubulars			(in.)	Leng		Гор	Unit		Scre		Hours
100 rpm				15		15	Drill Pipe	4.500		826	14,83		0'	Shake		17		riodio
6 rpm				6		6	Collars	5.250		688	120		,832'	Shake		17		
3 rpm				5		5	Collars	0.200					,952'	Shake		17		
Plastic Viscosi	ity (cn)		@ 150 °F	20		20	Dir. BHA						,952'	Desand			Ü	
Yield Point (lb/			T0 = 4			11	55	CASI	NG & I	HOLE D	ATA		,002	Desilt				
Gel Strength (		10	sec/10 min			6/9	Casing			(in.)	Dep	th <sup>-</sup>	Гор	Centrifu				
Gel Strength (			30 min	12		12	Riser	, ,		` ,	·		•			COU	NTING	G (bbls)
HTHP Filtrate		in)	@ 300 °F	4.6		4.4	Surface	10 3/4	9.	950	3,51	8'	0'	Prev.				3995.
HTHP Cake T	•	•		2.0		2.0	Int. Csg.	7 5/8	6.	875	11,0	14'	0'	Transf	erred li	n(+)/C	Out(-)	188.0
Retort Solids (	Content	` ,		16.5%		16.5%	Washout 1								Oil	Adde	d (+)	33.3
Corrected Soli	ds (vol%)			14.4%		14.4%	Washout 2								Barite	Adde	d (+)	0.0
Retort Oil Con	tent			62.5%		62.5%	Oper	n Hole Siz	e 7.	.088	17,94	45'		Other P	roduct	Usag	e (+)	0.0
Retort Water (	Content			21%		21%	ANI	NULAR G	EOME	TRY & I	RHEO	LOGY			Water	Adde	d (+)	
O/W Ratio				75:25		75:25	oppulo		2000	veloc	its, f	flow E	CD	Le	eft on C	Cutting	gs (-)	0.0
Whole Mud Ch	nlorides (n	ng/L)		51,600		52,000	annulai section		neas. epth	ft/mi			/gal	Non-Red	covera	ble Vo	ol. (-)	-15.3
Water Phase	Salinity (p	pm)		278,135		279,688		I I								Retu	ırned	-240.4
Whole Mud Al	kalinity, P	om		2.7		3.0	6.875x4	.5 11	,014'	0.0	)	lam 1	0.65	Est.	Total o	n Loc	ation	3960.7
Excess Lime (	lb/bbl)			3.5 ppb		3.9 ppb	7.088x4	.5 14	1,832'	0.0	)	lam 1	0.65	Est. Los	sses/G	ains (-	-)/(+)	0.0
Electrical Stab	oility (volts)	)		410 v		430 v	7.088x5.	25 14	1,952'	0.0	)	lam 1	0.65	BIT	HYDR	RAULI	CS D	ATA
Average Spec	ific Gravit	y of Solids	S	3.21		3.24								Bit H.S.I.	Bit	ΔΡ	Nozz	les (32nds
Percent Low G	Gravity So	lids		7.3%		7.1%								0.00	p	osi	18	18 18
ppb Low Grav	ity Solids			60 ppb		58 ppb								Bit Impact	Noz		18	18 18
Percent Barite	!			7.1%		7.4%								Force	Velc (ft/s	•		
ppb Barite				101 ppb		106 ppb	BIT D	ATA	Ma	anuf./Typ	ре	GTD6	4M	0 lbs	0	)		
Estimated Total	al LCM in	System	ppb				Size	Depth In	) H	ours	Foota	age RO	P ft/hr	Motor/M	IWD	Calc	. Circ.	Pressure
Sample Taker	п Ву			C. Beasley	0	M Washburn	6 3/4	17,945 f	t (	0.0	0 f	t #C	IV/0!					
Domorko/Booo	1			1	1			l .		1								

Remarks/Recommendations:

TOTAL OBM RECEIVED: 4049 bls

Plan Forward: Change out BHA, TIH, & finish drilling lateral.

Continued treating mud with CaCL for salinity, Lime for alkalinity, Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Rig Activity:

Make up BHA #7, trip in hole with same, drop rabbit in every single stand in mouse hole. Pick up agitators while tripping, transfer mud out of active tanks and inspect while empty. Pit 6 was clean, pit 5 had one bbl of cuttings and debris on the bottom of pit. Clean out pits with pressure washer and collect in vacuum truck then process  $% \left( 1\right) =\left( 1\right) \left($ solids over shale shakers, solids contained tree twigs, plastic, white rig location rocks and some formation cuttings. TIH to 11061'. Circulated hole, 11.1 OBM came back. Cut MW with diesel dilution and centrifuge. Currently TIH.

F	na. 1:	Mi	ke W	ashb	urn	Fr	na 2.	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	none:			15-57			5		47-5377	Phone:	432-686-7361		-	gee.	July Total	Cumulauv C CCC
W 1	P 1	Y 1	E 1	C 0	g 1	G 1	H 1	O 1	carefully	and may be	used if the user		r, no representati	nas been prepared on is made as to the	\$2,040.00	\$152,481.07
												INCLUD	ING 3RD PAR	TY CHARGES	\$5,036.00	\$267,600.06

Date <b>08/27/21</b>	Operator MAGI	NOLIA OIL		Well Name a	ind No. <b>MMEL UNIT</b>	Г ЗН	Rig Name ar	nd No. <b>48</b>	Report No. Repo	rt #23
	DAILY	USAGE 8	COST				<u> </u>			LATIVE
	- DAIL!	I	Previous		Closing	Daily	1		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	aaah	\$7.00							77	\$539.00
SOAP STICKS (ea) SAPP STICK (ea)	each each	\$11.25							77	\$866.25
SALT STICK (ea)	eacii	ψ11.23							- 11	ψ000.23
CACL2 (50)	50# sk	\$14.32	427		427				301	\$4,310.32
LIME (50)	50# sk	\$5.00	250		250				630	\$3,150.00
OPTI - G	50# sk	\$30.59	140		140				240	\$7,341.60
BENTONE 38 (50)	50# sk	\$163.94	50		50				13	\$2,131.22
BENTONE 910 (50)	50# sk	\$59.40	80		80				27	\$1,603.80
BENTONE 990 (50)	50# sk	\$83.59	55		55				59	\$4,931.81
OPTI - MUL	gal	\$10.75	220		220				1100	\$11,825.00
OPTI - WET	gal	\$8.34	385		385				615	· '
NEW PHALT	50# sk	\$38.72	225		225				102	\$3,949.44
OIL SORB (25)	25# sk	\$4.75	64		64				13	\$61.75
NEW CARB (M)	50# sk	\$5.25	184		184				39	\$204.75
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	288		288				69	\$1,935.45
MAGMAFIBER R (30)	30# sk	\$28.05						1		
VARISEAL FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
OKAITIITET OWBERT (30)	30# 3K	Ψ24.14	04		04					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1620		1620				1510	\$10,570.00
, ,										·
							1			
OPTI DRILL (OBM)	bbl	\$65.00	3237	-240	2997				495	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50	439	188	627			1		
DISCOUNTED OBM	bbl	\$15.00						1		
							1			
									-	
ENGINEERING (24 HR)	each	\$925.00								\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00			\$1,320.00
ENGINEERING (MILES)	each	\$1.00					1			\$1,792.00
ENGINEERING	each	\$990.00				2	\$1,980.00		-	\$35,640.00
	each	\$15.00					1		4	\$60.00
SCALE TICKET		\$125.00							2	\$250.00
FORKLIFT WITH OPERATOR	each	ł								4.
FORKLIFT WITH OPERATOR TRUCKING (cwt)	each	\$2.65							3596	
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00							3596 2	\$1,590.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each	\$2.65 \$795.00 \$12.00							3596 2 76	\$912.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each	\$2.65 \$795.00							3596 2	\$1,590.00

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
08/27/21	MAGI	NOLIA OIL	ROM	MMEL UNI	Г ЗН	24	48	Repo	rt #23	
	DAILY	USAGE 8	k COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13							7200	\$15,336.00
Diesel 8/22/21	gal	\$2.14	5000		3600	1400	\$2,996.00		1400	\$2,996.00
Diesel 8/24/21	gal	\$2.23	7000		7000					
					Daily S	ub-Total \$2	2,996.00		\$115,1	118.99
	Cumi	ılative Total	AES & 3rd	Party \$267	7,600.06			I		

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
15,162	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-	-	-	-	-	21	223	2,119	2,653
1,051	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
96	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
1,263	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	130
106	Barite Increase											35	21				7	14	8	7		
6,931	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added																					
265		25	20	25											1	1					65	64
-	Added for Washout																					
8,661	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	164	204
-	Surface Losses																					
-	Formation Loss																					
851	Mud Loss to Cuttings	104	206	81								6	89						12	16	103	129
830	Unrecoverable Volume	27	100	128	30	89					54			15		26	176	67		79		
206	Centrifuge Losses	40	41	40								30	40									
1,887	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
6,116	Mud Transferred Out					2,961		2,915														
3,961	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
			2075 5515	T	d E/ Dadwa	ما ۱۸۸۱ م	00 bblss	- i- th-									Last OChla		ا مانطنت ما طم	20011	d to	
		8/3/21	casing.	Transferre	a F/ Reawo	100 ATH. 3	29 DDIS Wa	is in the	8/10/21							8/17/21	during cer		able while F	POOH wet	due to plug	gea pipe
																	Dumped 1	13bls of m	ud/spacer ii	nterface fro	m 1st ceme	ent plug
4,119		8/4/21							8/11/21							8/18/21			of mud/spa			
																	pidg job.					
		8/5/21	474 BBLS	14 # receiv	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/sta	ck flushing.		8/19/21			t in open ho out cemen			OH, and to
		8/6/21							8/13/21		000' wet to p			additional 3 shakers wh		ling 8/20/21 Lost 12bls to cuttings at shakers while time drilli						ITIH.
		8/7/21	2961 BBL	S Transferr	ed T/ Romi	mel Unit 4H	I. 507 Left	in casing.	8/14/21	TD. Lost 4	40bls to cei	ntrifuges wh	nile proces	ng and circo sing on action and circulat	ve and							s to open
		8/8/21							8/15/21	Lost 15bls	while finis	hing POOH	and runnir	ng wireline l	ogs.	8/22/21	Lost 103b	ls to mud o	n cuttings w	vhile drillinç	<b>]</b> .	
8/9/21 Received 439bls of 17.5ppg OBM from mud plant. No losses during wireline operatons.  8/16/21 Received 439bls of 17.5ppg OBM from mud plant. No losses during wireline operatons.											n cuttings w	vhile drilling	<b>J</b> .									

**Report #24** TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

86.0° 11,838' TVD

**MAGNOLIA OIL & GAS PATTERSON** WASHINGTON 07/14/21 1,750 ft 19,695 ft Name and No. + POE **ROMMEL UNIT 3H** 248 **TEXAS** 07/14/21 120 ft/hr **Drilling Lateral** Field / OCS-G # ating Rate Circulating Pressure luid Type **BRANDON PARKS / JAMES DYER Tool Pusher GIDDINGS (AC) OBM** 336 apm 4.554 psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight PV CaCl2 **GELS** HTHP In Pits 768 bbl Liner Size 4.75 Liner Size 4.75 Liner Size 9.8-12 10-25 6-20 >350 ±290K <10 <15 <10 In Hole 820 bbl Stroke 12 Stroke 12 Stroke 8/28/21 8/27/21 1588 bbl bbl/stk 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 64 64 stk/min Time Sample Taken 0:30 14:00 Storage 2094 bbl stk/min stk/min gal/min gal/min gal/min Sample Location pit pit Tot. on Location 3682 bbl 168 168 O n = 0.705 K = 170.111 Flowline Temperature °F 117 °F 115 °F PHHP = 892 **CIRCULATION DATA** Depth (ft) 19 695 18 910' Bit Depth = 19,695 ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 10.6 10.5 Volume to Bit 279.2 bbl Strokes To Bit 4 470 Time To Bit 35 min Drill String Disp. Funnel Vis (sec/qt) @ 105 °F 65 63 Bottoms Up Vol. 541.1 bbl BottomsUp Stks 8,662 BottomsUp Time 68 min 44 47 600 rpm 109.1 bbl TotalCirc Vol. 1588.3 bbl TotalCirc Stks 25.427 Total Circ Time 199 min **DRILLING ASSEMBLY DATA** SOLIDS CONTROL 300 rpm 27 29 20 22 OD (in.) Unit Screens 200 rpm **Tubulars** ID (in.) Length Top Hours 0' 13 14 Drill Pipe 3.826 19,575 Shaker 1 170 24.0 100 rpm 4.500 Collars 5 6 5.250 2.688 120 19,575 Shaker 2 170 24.0 6 rpm 4 5 Collars 19,695 Shaker 3 170 24.0 3 rpm 18 Dir. BHA 19.695 Desander Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 10 11 **CASING & HOLE DATA** Desilter 6/10 OD (in.) ID (in.) Centrifuge 1 6.0 Gel Strength (lb/100 ft2) 10 sec/10 min 6/9 Casing Depth Top 30 min 12 12 **VOLUME ACCOUNTING (bbls)** Riser 20 Gel Strength (lb/100 ft2) @ 300 °F 42 40 Surface 10 3/4 9.950 3.518' 0' 3987.5 HTHP Filtrate (cm/30 min) Prev. Total on Location 0' HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csa. 7 5/8 6.875 11,014 Transferred In(+)/Out(-) -263.0 Retort Solids Content 16% 16% Washout 1 Oil Added (+) 76.4 13.8% Corrected Solids (vol%) 13.9% Washout 2 Barite Added (+) 0.0 Retort Oil Content 63% 63% Open Hole Size 7.088 19.695 Other Product Usage (+) 12.6 **ANNULAR GEOMETRY & RHEOLOGY** 21% Retort Water Content 21% Water Added (+) 29.2 75:25 75:25 O/W Ratio Left on Cuttings (-) -85.4 velocity annular flow FCD meas section depth ft/min reg lb/gal 52,800 53.000 Whole Mud Chlorides (ma/L) Non-Recoverable Vol. (-) -50.0 282,774 283,542 Water Phase Salinity (ppm) Centrifuge -25.0 Whole Mud Alkalinity, Pom 2.9 3.0 6.875x4.5 11.014 304.7 turb 11.56 3682.3 Est. Total on Location 7.088x4.5 3.8 ppb 3.9 ppb 19,575 274.5 turb 12.05 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 460 v 495 v 7.088x5.25 12.17 **BIT HYDRAULICS DATA** Electrical Stability (volts) 19,695' 363.0 turb 3.25 3.16 Bit H.S.I. Average Specific Gravity of Solids Βίτ ΔΡ Nozzles (32nds) 50 psi 6.7% 7.5% Percent Low Gravity Solids 0.27 18 18 18 ppb Low Gravity Solids Nozzle 18 18 55 ppb 62 ppb 18 Bit Impact Velocity Force Percent Barite 7.1% 6.4% (ft/sec) ppb Barite 102 ppb 92 ppb **BIT DATA** Manuf./Type GTD64M 133 lbs 72 ROP ft/hr Estimated Total LCM in System Size Depth In Hours Footage Motor/MWD Calc. Circ. Pressure ppb 17.945 ft 18.0 1.750 ft 4.574 psi Sample Taken By C. Beasle 0 M Washburi 6 3/4 97.2 6.777 psi

Remarks/Recommendations:

TOTAL OBM RECEIVED: 4049 bls

Plan Forward: Finish drilling lateral.

Continued treating mud with CaCL for salinity, Lime for alkalinity,

Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Pumping sweeps every 300'.

Rig Activity:

Trip in hole with BHA #7, currently drilling 6-3/4" lateral hole section, depth at time of report is MD 18938. Reduce mud wt from maximum of 11.1# to 10.5# after incorporating heavy mud cap interface, weighted slug. and open hole volume into active system after trip. Adding diesel for wt. reduction and oil wetting of solids, water for OWR, lime form alkalinity, OPTIMUL HP for ES, and OPTIG for HTHP control. Drilled T/19695'. Currently drilling ahead. ROP 120 FPH, PUMP RATE 336 gpm, PP 4574, TORQUE 11K, CSG pressure 0, MWD Temp 325 F

E	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
F	hone:	30	61-94	5-57	77	Pł	none:	903-7	747-5377	Phone:	432-686-736	1 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		er, no representa	n, has been prepared ation is made as to the	\$5,950.03	\$158,431.10
												INCLU	DING 3RD PA	RTY CHARGES	\$12,584.03	\$280,184.09

08/28/21	Operator MAGI	NOLIA OIL		Well Name a	ind No. <b>VIMEL UNIT</b>		Rig Name and 24		ort #24
	DAILY	USAGE 8	COST						ILATIVE
			Previous		Closing	Daily		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93			5	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1 \$41.36
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk	\$19.75							
SOAP STICKS (ea)	each	\$7.00						7	7 \$539.00
SAPP STICK (ea)	each	\$11.25						7	
5/11 CTION (64)	Guon	Ψ11.20							ψοσο.20
CACL2 (50)	50# sk	\$14.32	427		401	26	\$372.32	32	7 \$4,682.64
LIME (50)	50# sk	\$5.00	250		150	100	\$500.00	73	\$3,650.00
OPTI - G	50# sk	\$30.59	140		120	20	\$611.80	26	+
BENTONE 38 (50)	50# sk	\$163.94	50		46	4	\$655.76	1	<u> </u>
BENTONE 910 (50)	50# sk	\$59.40	80		80			2	+
BENTONE 990 (50)	50# sk	\$83.59	55		55		<b>A</b>	5	
OPTI - MUL	gal	\$10.75	220		165	55	\$591.25		\$12,416.25
OPTI - WET NEW PHALT	gal 50# sk	\$8.34	385 225		330 215	55 10	\$458.70 \$387.20	67	<u> </u>
OIL SORB (25)	25# sk	\$38.72 \$4.75	64		64	10	φ301.2U	1	+
OIL GOILD (23)	20# 31	Ψ4.73	04		04			'	φ01.70
NEW CARR (MA)	EO.# -1	<b>#F 05</b>	404		474	40	ØE0 50		, ¢057.05
NEW CARB (M)  CYBERSEAL	50# sk 25# sk	\$5.25 \$21.47	184		174	10	\$52.50	4	\$257.25
MAGMAFIBER F (25)	25# sk	\$28.05	288		278	10	\$280.50	7	9 \$2,215.95
MAGMAFIBER R (30)	30# sk	\$28.05	200		2.0		<b>\$200.00</b>		\$ \\ \pi_2\sigma \cdot \text{0.00}
VARISEAL FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$12.04							
MICA F (50)	50# sk	\$10.28	40		40				
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64				
NEW WATE (SACK BARITE)	100# sk	\$11.50			80				
BARITE BULK (100)	100# sk	\$7.00	1620		1620			151	\$10,570.00
									1
OPTI DRILL (OBM)	bbl	\$65.00	2997	-477	2520			49	\$32,175.00
OPTIDRILL 17.5 PPG DISCOUNTED OBM	bbl	\$89.50 \$15.00	627		627			-	1
DISCOUNTED OBIVI	DDI	\$15.00							
									1
		<b>***</b>							07 :22
ENGINEEDING (04 UP)	each	\$925.00				2	<b>\$60.00</b>		\$ \$7,400.00
ENGINEERING (24 HR)	bbl	\$30.00 \$1.00				2	\$60.00		\$1,380.00 2 \$1,792.00
ENGINEERING (DIEM)	goch		]			2	\$1,980.00		3 \$37,620.00
ENGINEERING (DIEM) ENGINEERING (MILES)	each				1	2	ψ1,300.00	3	0∠0.00 بدس ر
Engineering (Diem) Engineering (Miles) Engineering	each	\$990.00			İ				-
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET	each each	\$990.00 \$15.00							\$60.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	each each each	\$990.00 \$15.00 \$125.00							\$60.00 2 \$250.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt)	each each each	\$990.00 \$15.00 \$125.00 \$2.65						359	\$60.00 \$2 \$250.00 \$5 \$9,528.98
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR	each each each	\$990.00 \$15.00 \$125.00						359	\$60.00 2 \$250.00 6 \$9,528.98 2 \$1,590.00
ENGINEERING (DIEM) ENGINEERING (MILES) ENGINEERING SCALE TICKET FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each each each	\$990.00 \$15.00 \$125.00 \$2.65 \$795.00						359	\$60.00 \$2 \$250.00 \$ \$9,528.98 \$2 \$1,590.00 \$ \$912.00

Date	Operator		Well Name a	ınd No.		Rig Name an	id No.	Report No.		
08/28/21	MAG	NOLIA OIL	& GAS	ROI	MMEL UNI	Г ЗН	24	48	Repo	rt #24
	DAILY	USAGE 8	& COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13							7200	\$15,336.00
Diesel 8/22/21	gal	\$2.14	3600		500	3100	\$6,634.00		4500	\$9,630.00
Diesel 8/24/21	gal	\$2.23	7000		7000					
					Daily S	ub-Total \$6	5,634.00		\$121,7	752.99
	Cumi	ulative Tota	I AES & 3rd	Party \$280	),184.09					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
16.912	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-	-	-	-	-	21	223	2,119	2,653
1.129	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
96	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51		66	18	92	130
,	Barite Increase											35	21				7	14	8	7		
	Weighted Mud Added			474			2,915				2,915				439							
	Slurry Added						,				,											
294	Water Added	25	20	25											1	1					65	64
	Added for Washout																					
		144	200	667	-	38	2.915	-	-	-	2.922	54	74	18	447	25	66	62	83	25	164	204
,	Surface Losses						_,				_,=	•										
	Formation Loss																	1				
	Mud Loss to Cuttings	104	206	81								6	89					1	12	16	103	129
	Unrecoverable Volume	27	100	128	30	89					54	0	03	15		26	176	67	12	79	103	123
	Centrifuge Losses	40	41	40	30	03					34	30	40	13		20	170	01		13		
												l										
2,047	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
6,340	Mud Transferred Out					2,961		2,915														
3,682	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
-	Mud Recovered																					
	•			С	omment	s:					С	omment	s:					С	omment	s:		
	,	8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	29 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cer	s unrecover ment job.	able while f	POOH wet	due to pluç	gged pipe
3,895		8/4/21							8/11/21							8/18/21		113bls of mi ional 63bls				
		8/5/21	474 BBLS	14 # recei	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	and line/sta	ck flushing.		8/19/21		s to mud lef hile drilling				OH, and to
		8/6/21									000' wet to p			additional 3 shakers wh		8/20/21	Lost 12bls	s to cuttings	at shakers	while time	drilling and	d TIH.
		8/7/21	2961 BBL	S Transferr	ed T/ Romi	mel Unit 4F	l. 507 Left	in casing.		TD. Lost	40bls to cer	ntrifuges wh	nile proces	ng and circ sing on acti and circulat	ve and	8/21/21		s to MOC w shaker over				
		8/8/21							8/15/21	Lost 15bls	while finisl	hing POOH	and runnir	ng wireline I	ogs.	8/22/21	Lost 103b	ols to mud o	n cuttings w	vhile drilling	J.	
		8/9/21							8/16/21		439bls of 1 eline opera		M from mu	d plant. No	losses	8/23/21	Lost 129b	ols to mud o	n cuttings w	vhile drilling	j.	

Report #25 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

2.5° 8,486' TVD

Operator  MAGI  Well Name and No.	NOLIA (	OIL &	GAS	Contractor PA7 Rig Name ar	TTERSO	ON	County / Parish / WASH	Block	N	Engineer Si  07  Spud Date	Start Date 7/14/2	1	r ftg. 819	) ft	Drilled	20,5	14 ft
	MMEL	UNIT 3	ЗН	rag ramo a	248			EXAS			7/14/2		0 ft.	/hr	rouvily	TC	ЭН
Report for	DADIG			Report for			Field / OCS-G #			Fluid Type	2014	Circ	ulating Rate		Circula	ting Pre	
BRANDON					ol Pusi	ner		NGS (AC			OBM 		0 g <sub>l</sub>	•	BIO		osi
Modelia	1	_	RTY SPECIF	· ·	_	LITLID		LUME (BE			UMP #		PUM				OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		1 bbl	Liner Si			er Size	4.75		r Size	
9.8-12	10-25	6-20	>350	<b>±290K</b> 8/29/21	<10 <15	<b>&lt;10</b> 8/28/21	In Hole Active		1 bbl 6 bbl	Stroke bbl/stl			stroke obl/stk	12 0.0625	Stro	/stk	0.0000
Time Sample	Takan			0:30		14:00	Storage		9 bbl	stk/mi			tk/min	0.0625		/sik /min	0.0000
Sample Locati				pit		pit	Ĭ	cation 373		gal/mi			al/min	0		/min	0
Flowline Temp		=		pit		115 °F	TOU. OIT LO	PHHP = 0		gaviiii		ILATION I			ŭ		K = 199.903
Depth (ft)	ociatare i			20,514'		20,514'	Rit I	Depth = 8,5				shout = 5%	1	Pumi	p Effici		
Mud Weight (p	ona)			10.6		10.5				121.0 b	-	Strokes To		1 4111	Time		
Funnel Vis (se			@ 105 °F	63		63	Drill String Disp.	Bottoms U				ttomsUp St		Bott	omsUp		
600 rpm	70, 41,			45		46	48.4 bbl			1196.1		FotalCirc.St			al Circ.		
300 rpm				28		29		DRILLING						SOLIE			
200 rpm				20		21	Tubulars				Length	Тор		Unit		eens	Hours
100 rpm				14		15	Drill Pipe	4.500		826	8,452'	0'	Sh	naker 1	17	70	
6 rpm				5		6	Collars	5.250	2.	688	120'	8,452	Sh	naker 2	17	70	
3 rpm				4		5	Collars					8,572	Sh	naker 3	17	70	
Plastic Viscos	ity (cp)		@ 150 °F	17		17	Dir. BHA					8,572	De	sander			
Yield Point (lb/	/100 ft²)		T0 = 3	11		12		CASIN	IG & F	HOLE DA	ATA		D	esilter			
Gel Strength (	lb/100 ft²)	1	0 sec/10 min	6/10		6/11	Casing	OD (in.)	ID	(in.)	Depth	Тор	Cen	ntrifuge 1			
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	13		13	Riser	20					VO	LUME A	CCOU	NTING	3 (bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	4.0		3.6	Surface	10 3/4	9.	950	3,518'	0'	Pr	ev. Total	on Loc	ation	3682.3
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	11,014	0'	Tra	ansferred	In(+)/0	Out(-)	
Retort Solids (	Content			16%		16%	Washout 1							0	il Adde	ed (+)	178.6
Corrected Soli	ids (vol%)			13.8%		13.8%	Washout 2							Barit	e Adde	ed (+)	1.4
Retort Oil Con	itent			63%		63%	Oper	Hole Size	7.	088	20,514		Oth	er Produc	t Usag	ge (+)	0.8
Retort Water (	Content			21%		21%	ANI	NULAR GE	OME.	TRY & R	RHEOLO	GY		Wate	r Adde	ed (+)	15.0
O/W Ratio				75:25		75:25	annular	r me	eas.	veloci	ty flo	v ECD		Left on	Cutting	gs (-)	-40.0
Whole Mud Cl	hlorides (n	ng/L)		53,400		54,000	section		pth	ft/mir	-		Non	-Recover	able V	ol. (-)	-72.2
Water Phase	Salinity (pp	om)		285,072		287,354		•				•			Centr	rifuge	-35.0
Whole Mud Al	kalinity, Po	om		2.4		2.5	6.875x4.	.5 8,4	452'	0.0	lar	n 10.60	E	est. Total	on Loc	ation	3730.9
Excess Lime (	lb/bbl)			3.1 ppb		3.3 ppb	6.875x5.2	25 8,	572'	0.0	lar	n 10.60	Est	. Losses/0	Gains (	(-)/(+)	0.0
Electrical Stab	oility (volts)	)		472 v		485 v								BIT HYD	RAUL	ICS D	ATA
Average Spec	ific Gravity	y of Solid	ds	3.25		3.16							Bit H	.S.I. Bi	t ΔP	Nozz	les (32nds)
Percent Low 0	Gravity Sol	ids		6.7%		7.5%							0.0	00	psi	18	18 18
ppb Low Grav	ity Solids			55 ppb		61 ppb							Bit Im	nact	zzle locity	18	18 18
Percent Barite	·			7.1%		6.4%							For	CE	sec)		
ppb Barite				102 ppb		91 ppb	BIT D	ATA	Ма	nuf./Typ	e	GTD64M	0 11	os	0		
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	ours	Footage	ROP ft/	nr Mot	or/MWD	Calc	. Circ	. Pressure
Sample Taker	п Ву			C. Beasley	0	M Washburn	6 3/4	17,945 ft	2	8.0	4,319 ft	154.3	4,5	574 psi			

Remarks/Recommendations:

TOTAL OBM RECEIVED: 4049 bls

Plan Forward: POOH & LD BHA

Continued treating mud with CaCL for salinity, Lime for alkalinity, Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Rig Activity:

Drill 6-3/4" hole section to TD at 20514, pump 3 X 30 bbls LCM Hi-Visc sweeps, as the first sweep exited the bit, pump the second sweep and repeat procedure with 3'rd sweep. Circulate 3 bottoms up and observe shale shakers to be free of cuttings. Back ream T/18745'. Strip out hole to 11061', pumping calculated fill. Condition mud & circulate B/U. Shut in well to monitor casing pressure, 553 psi. Pumped 114 BBLS of 17 PPG kill mud and displace with 99 BBLS of 10.5 PPG active mud. Strip out to 8572' to top of mud cap.

Eı	ng. 1:	Mi	ke W	ashb	urn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	3	61-94	5-57	77	Pł	none:	903-7	47-5377	Phone:	432-686-7361	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 representati	nas been prepared on is made as to the	\$3,094.91	\$161,526.01
												INCLUDI	NG 3RD PAR	TY CHARGES	\$19,774.91	\$299,959.00

	IVIAGI	NOLIA OIL		Well Name a RON	ina ivo. MMEL UNIT		Rig Name an		port No. <b>Repo</b> l	rt #25
	DAILY	USAGE 8	COST				ı			ATIVE
	- JAILT	I	Previous		Closing	Daily			Cum	-7111
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE	anah	\$7.00							77	\$539.00
SOAP STICKS (ea) SAPP STICK (ea)	each each	\$11.25							77	\$866.25
OALT STICK (ea)	Cacii	Ψ11.23								ψουσ.25
CACL2 (50)	50# sk	\$14.32	401		401				327	\$4,682.64
LIME (50)	50# sk	\$5.00	150		150				730	\$3,650.00
OPTI - G	50# sk	\$30.59	120		120				260	\$7,953.40
BENTONE 38 (50)	50# sk	\$163.94	46		42	4	\$655.76		21	\$3,442.74
BENTONE 910 (50)	50# sk	\$59.40	80		79	1	\$59.40		28	\$1,663.20
BENTONE 990 (50)	50# sk	\$83.59	55		54	1	\$83.59		60	\$5,015.40
OPTI - MUL	gal	\$10.75	165		165				1155	\$12,416.25
OPTI - WET	gal	\$8.34	330		330				670	\$5,587.80
NEW PHALT	50# sk	\$38.72	215		212	3	\$116.16		115	\$4,452.80
OIL SORB (25)	25# sk	\$4.75	64		64				13	\$61.75
NEW CARB (M)	50# sk	\$5.25	174		174			<u> </u>	49	\$257.25
CYBERSEAL	50# sk	\$5.25 \$21.47	1/4		1/4			-	49	φ257.25
MAGMAFIBER F (25)	25# sk	\$28.05	278		278				79	\$2,215.95
MAGMAFIBER R (30) VARISEAL	30# sk	\$28.05	270		270					Ψ2,210.00
FIBER PLUG	30# sk	\$30.37							$\longrightarrow$	
NUT PLUG M (50)	50# sk	\$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
GIVITITE FOWBEITT (00)	30# 3K	Ψ24.14	04		04					
NEW WATE (OACK DADITE)	400% -1-	M44 50			00					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80		<b>#</b> 440.00		4500	<b>* * * * * * * * * *</b>
BARITE BULK (100)	100# sk	\$7.00	1620		1600	20	\$140.00		1530	\$10,710.00
									$\longrightarrow$	
_										
OPTI DRILL (OBM)	bbl	\$65.00	2520		2520				405	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50	627		627					ψ32,173.00
DISCOUNTED OBM	bbl	\$15.00	021		021					
2.0000.11.22 02	22.	ψ.σ.σσ								
_										
								-		
ENGINEERING (24 HR)	each	\$925.00							8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		48	\$1,440.00
ENGINEERING (MILES)	each	\$1.00							1792	\$1,792.00
ENGINEERING	each	\$990.00				2	\$1,980.00		40	\$39,600.00
	each	\$15.00							4	\$60.00
SCALE TICKET		\$125.00							2	\$250.00
SCALE TICKET FORKLIFT WITH OPERATOR	each									
	each	\$2.65								\$9,528.98
FORKLIFT WITH OPERATOR		\$2.65 \$795.00								
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each	\$795.00 \$12.00							3596 2 76	\$1,590.00 \$912.00
FORKLIFT WITH OPERATOR TRUCKING (cwt) TRUCKING (min)	each each	\$795.00							3596 2	\$9,528.98 \$1,590.00 \$912.00 \$816.00

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
08/29/21	MAGI	NOLIA OIL	& GAS	RO	MMEL UNI	Т 3Н	24	48	Repo	rt #25
	DAILY	USAGE 8	& COST						СПМП	∟ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13								\$15,336.00
Diesel 8/22/21	gal	\$2.14	500			500	\$1,070.00			\$10,700.00
Diesel 8/24/21	gal	\$2.23	7000			7000	\$15,610.00		7000	\$15,610.00
Diesel 8/28/21	gal	\$2.38		7000	7000					
					Daily Su	ub-Total \$1	6,680.00		\$138,4	432.99
								l		
	<b>2</b>	dotive Terri	LAEC 9 0 '	Dorte Acce	0E0 00					
	Cumi	ulative Total	ALS & 3rd	Party \$299	,959.00					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

					WEEK 1							WEEK 2							WEEK 3			
	Date	8/3/21	8/4/21	8/5/21	8/6/21	8/7/21	8/8/21	8/9/21	8/10/21	8/11/21	8/12/21	8/13/21	8/14/21	8/15/21	8/16/21	8/17/21	8/18/21	8/19/21	8/20/21	8/21/21	8/22/21	8/23/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385
Totals	Ending Depth	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038
17,731	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684		-	-	-	-	21	223	2,119	2,653
1.165	New Hole Vol.	189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117
.,	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733
97	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10
	Base Fluid Added	117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	
,	Barite Increase											35	21				7	14	8	7		<del></del>
	Weighted Mud Added			474			2,915				2,915				439							
-	Slurry Added						_,-,				_,,,,,											†
309		25	20	25											1	1					65	64
-	Added for Washout																					<del></del>
8 063	Total Additions	144	200	667	_	38	2.915	_	_	_	2.922	54	74	18	447	25	66	62	83	25	164	204
0,302	Surface Losses	1 7 7 7	200	007	_	50	2,313	<u> </u>	<u> </u>	-	2,322	57	, 4	10	771	23	- 00	02	03	23	104	204
-		1																				
- 070	Formation Loss	404	200	04									00						40	40	400	400
	Mud Loss to Cuttings	104	206	81	00	00					5.4	6	89	45		00	470	07	12	16	103	129
	Unrecoverable Volume	27	100	128	30	89					54	00	40	15		26	176	67		79		
266	Centrifuge Losses	40	41	40	<u> </u>		<u> </u>	<u> </u>				30	40					<u> </u>				<u> </u>
2,194	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129
6,340	Mud Transferred Out					2,961		2,915														
3,731	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808
•	Mud Recovered																					
	•			C	omment	s:					С	omment	s:					С	omment	s:		
	-	8/3/21	2975 bbls casing.	Transferre	d F/ Redwo	od A1H. 3	329 bbls wa	s in the	8/10/21							8/17/21	Lost 26bls during cer	unrecovera ment job.	able while f	POOH wet	due to pluç	ged pipe
3,895		8/4/21							8/11/21							8/18/21		13bls of mo				
		8/5/21	474 BBLS	i 14 # recei	ved from m	ud plant			8/12/21	Lost 54bls	to cement	job, skid, a	nd line/stad	ck flushing.		8/19/21		to mud left hile drilling				OH, and to
		8/6/21									o MOC of r 00' wet to p t.					8/20/21	Lost 12bls	to cuttings	at shakers	while time	drilling and	d TIH.
		8/7/21	2961 BBL	S Transferi	red T/ Romr	mel Unit 4F	H. 507 Left	in casing.		TD. Lost 4	to cuttings 10bls to cer der drying :	ntrifuges wh	nile process	sing on acti	ve and	8/21/21		to MOC whaker overf				
												· · · · · · · · · · · · · · · · · · ·				0.10.0.10.1	l+ 400h			1.9. 1.98		
		8/8/21							8/15/21	Lost 15bls	while finish	ning POOH	and runnin	ig wireline l	ogs.	8/22/21	LOST 103D	is to mua o	n cuttings w	niie ariiiing	<b>J</b> .	

Report #26 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

#### **OUTSOURCE FLUID SOLUTIONS LLC.**

20.4°

10,910' TVD

	NOLIA (	OIL & 0	GAS	Contractor PA	TERSO	ON	County / Parish /	Block HINGT(	ON		rt Date /14/21	24 hr	ftg.  Oft		Drilled Dept	514	l ft
_	MMEL	UNIT 3	Н	Rig Name ar	248			EXAS			/14/21		0 ft/hr		Prod		_
Report for BRANDON	PARKS	: / .IAM	FS DYFR	Report for	ol Pusi	hor	Field / OCS-G #	NGS (A	(C)	Fluid Type	ВМ	Circu	lating Rate <b>0 gpm</b>	ľ	Circulating	ressu <b>ps</b> i	
210 412 011			RTY SPECIF				MUD VO	•			IMP #1		PUMP #2	!	RISER	•	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		80 bbl	Liner Size		75 Lin		.75	Liner Siz		
9.8-12	10-25	6-20	>350	±290K	<10 <15	<10	In Hole		96 bbl	Stroke				12	Stroke		
				8/30/21		8/29/21	Active		012 bbl	bbl/stk				0625	bbl/stk		0.0000
Time Sample	Taken			0:30		14:00	Storage	e <u>2</u> :	224 bbl	stk/min	(	) st	k/min	0	stk/min		
Sample Locati	ion			pit		pit	Tot. on Lo	cation 3	700 bbl	gal/min	(	D ga	al/min	0	gal/min		0
Flowline Temp	perature °F	=						PHHP =	: 0		CIRCUL	ATION D	ATA		n = 0.71	6 K	= 164.036
Depth (ft)				20,514'		20,514'	Bit D	Depth = 1	1,009 '		Wash	out = 5%		Pump	Efficienc	y = 9	95%
Mud Weight (p	opg)			10.7		10.7	Drill String	Volur	ne to Bit	198.8 bb	ol Str	rokes To B	it	-	Γime To E	it	
Funnel Vis (se	ec/qt)		@ 105 °F	63		63	Disp.	Bottoms	Up Vol.	233.5 bb	ol Botto	omsUp Stk	S	Bottor	nsUp Tim	е	
600 rpm				46		46	73.2 bbl	Total	Circ.Vol.	1012.3 b	bl To	talCirc.Stk	S	Total	Circ. Tim	е	
300 rpm				28		28		DRILLI	NG ASS	SEMBLY D	DATA		8	OLIDS	CONT	OL	
200 rpm				20		20	Tubulars	OD (in	.) ID	(in.) L	ength	Тор	Unit		Screen	3	Hours
100 rpm				14		13	Casing	5.500	4.	670	903'	0'	Shake	r 1	170		
6 rpm				5		5	Casing	5.000	4.	278 1	0,106'	903'	Shake	r 2	170		
3 rpm				4		4	Collars					11,009'	Shake	r 3	170		
Plastic Viscosi	ity (cp)		@ 150 °F	18		18	Dir. BHA					11,009'	Desan	der			
Yield Point (lb/	/100 ft²)		T0 = 3	10		10		CAS	ING & I	HOLE DAT	ГА		Desilt	er			
Gel Strength (	lb/100 ft²)	10	sec/10 min	6/9		6/11	Casing	OD (in	.) ID	(in.)	Depth	Тор	Centrifu	ge 1			
Gel Strength (	lb/100 ft <sup>2</sup> )		30 min	12		12	Riser	20					VOLU	ME AC	COUNTI	NG (	bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	4.0		3.8	Surface	10 3/4	9.	950	3,518'	0'	Prev.	Total or	n Locatio	n	3711.7
HTHP Cake T	hickness (	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	1,014'	0'	Transf	erred Ir	n(+)/Out(	-)	
Retort Solids (	Content			16.5%		16.5%	Washout 1							Oil	Added (-	-)	23.8
Corrected Soli	ids (vol%)			14.4%		14.4%	Washout 2							Barite	Added (-	-)	7.0
Retort Oil Con	itent			62.5%		62.5%	Oper	n Hole Si	ze 7.	088 2	20,514'		Other P	roduct	Usage (-	-)	0.0
Retort Water (	Content			21%		21%	ANI	NULAR (	GEOME	TRY & RH	HEOLOG	¥Υ		Water	Added (-	-)	10.0
O/W Ratio				75:25		75:25	annulai	r i	meas.	velocity	flow	ECD	Le	eft on C	Cuttings (	-)	0.0
Whole Mud Ch	hlorides (n	ng/L)		52,500		52,000	section	1	depth	ft/min	reg	lb/gal	Non-Re	coveral	ole Vol. (	-)	-27.3
Water Phase	Salinity (p	pm)		281,620		279,688								(	Centrifug	е	-25.0
Whole Mud Al	kalinity, P	om		2.2		2.3	6.875x5	.5	903'	0.0	lam	10.70	Est.	Total or	n Locatio	n	3700.2
Excess Lime (	lb/bbl)			2.9 ppb		3 ppb	6.875x5	5 1	1,009'	0.0	lam	10.70	Est. Los	sses/Ga	ains (-)/(-	-)	0.0
Electrical Stab	oility (volts)	)		458 v		465 v							ВІТ	HYDR	AULICS	DAT	ГА
Average Spec	ific Gravity	y of Solid	ls	3.25		3.24							Bit H.S.I.	Bit A	ΔP No	zzles	(32nds)
Percent Low G	Gravity Sol	lids		7%		7.1%							0.00	р	si 18	3 1	18 18
ppb Low Grav	ity Solids			57 ppb		58 ppb							Bit Impact	Noz Velo		3 1	18 18
Percent Barite	)			7.4%		7.4%							Force	(ft/s	-		
ppb Barite				106 ppb		106 ppb	BIT D	ATA	Ma	anuf./Type	G	TD64M	0 lbs	0			
Estimated Total	al LCM in	System	ppb				Size	Depth I	n Ho	ours F	ootage	ROP ft/h	r Motor/M	IWD	Calc. Ci	rc. P	ressure
Sample Taken	п Ву			C. Beasley	0	M Washburn	6 3/4	17,945	ft 2	8.0 4	,319 ft	154.3	4,574	psi			
Remarks/Reco	mmendatio	ons.		1	1	1	Rig Activity:	<u> </u>	1			<u> </u>	II.	I			

TOTAL OBM RECEIVED: 4049 bls

Plan Forward: Run Production casing

Continued treating mud with CaCL for salinity, Lime for alkalinity, Opti G for HTHP control, Bentone 38 for flow

properties, OptiMul for ES, and OptiWet for oil wetting of solids.

Rig Activity:

Finish trip out of hole to BHA, remove MWD tool, drain motor, break off bit. Rig up casing tools, make up float equipment, Run 5" 18# / P-110 -ICY production casing to 10106. Switched to 5.5" 23# P-110-ICY and ran to 11,009'. Circulated at 9800' and 11,022'. Heavy kill mud is being captured in the trip tank and transferred to slug pit. 92 bbls of 14 PPPG captured and weighted up to 17 PPG. Slug pit is then being transferred to frac tanks. Active system is being maintained at 10.5 with diesel dilution and centrifuge.

Eı	ng. 1:	Mi	ke W	ashbı	urn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	3	61-94	5-57	77	Ph	none:	903-7	47-5377	Phone:	432-686-736	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		er, no representa	has been prepared tion is made as to the	\$2,740.00	\$164,266.01
												INCLUI	DING 3RD PAI	RTY CHARGES	\$5,120.00	\$305,079.00

Date <b>08/30/21</b>	Operator <b>MAGI</b>	NOLIA OIL		Well Name a	IND NO. MMEL UNIT	г зн	Rig Name ar	nd No. <b>48</b>	Report No. Repo	rt #26
	DAILY	USAGE 8	& COST							LATIVE
		I	1		Closing	Daily			Cum	
Item	Unit	Unit Cost	Previous Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$44.56	93		93				54	\$2,406.24
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				1	\$41.36
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM)	100# sk	\$19.75								
ALUMINUM TRISTEARATE		<b>#7.00</b>								<b>\$</b> 500.00
SOAP STICKS (ea)	each	\$7.00							77 77	\$539.00
SAPP STICK (ea)	each	\$11.25								\$866.25
CACL2 (50)	50# sk	\$14.32	401		401				327	\$4,682.64
LIME (50)	50# sk	\$5.00	150		150				730	\$3,650.00
OPTI - G	50# sk	\$30.59	120		120				260	. ,
BENTONE 38 (50)	50# sk	\$163.94	42		42				21	\$3,442.74
BENTONE 910 (50)	50# sk	\$59.40	79		79				28	· ,
BENTONE 990 (50) OPTI - MUL	50# sk	\$83.59	54		54				60	\$5,015.40 \$12,416.25
OPTI - WET	gal gal	\$10.75 \$8.34	165 330		165 330				670	
NEW PHALT	50# sk	\$38.72	212		212				115	
OIL SORB (25)	25# sk	\$4.75	64		64				13	\$61.75
, ,					- 1			1		
								]		
								]		
								]		
NEW CARB (M)	50# sk	\$5.25	174		174				49	\$257.25
CYBERSEAL	25# sk	\$21.47								
MAGMAFIBER F (25)	25# sk	\$28.05	278		278				79	\$2,215.95
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	20# als	¢20.27								
FIBER PLUG NUT PLUG M (50)	30# sk 50# sk	\$30.37 \$12.04								
MICA F (50)	50# sk	\$10.28	40		40					
GRAPHITE POWDER F (50)	50# sk	\$24.14	64		64					
Old Tille Fowbert (30)	30# 3K	Ψ24.14	04		04					
NEW WATE (SACK BARITE)	100# sk	\$11.50	80		80					
BARITE BULK (100)	100# sk	\$7.00	1600		1500	100	\$700.00		1630	\$11,410.00
		1						1		
								1		
		<u>L</u>								
OPTI DRILL (OBM)	bbl	\$65.00	2520		2520			]	495	\$32,175.00
OPTIDRILL 17.5 PPG	bbl	\$89.50	627		627					
DISCOUNTED OBM	bbl	\$15.00								
		-					1			
		-						-	-	
		1					1	-	-	
		-						-		
	<del></del>	<del>                                     </del>						-		
	+							1	<b> </b>	
ENGINEERING (24 HR)	each	\$925.00						1	8	\$7,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		50	\$1,500.00
ENGINEERING (MILES)	each	\$1.00						]	1792	\$1,792.00
ENGINEERING	each	\$990.00				2	\$1,980.00	]	42	\$41,580.00
SCALE TICKET	each	\$15.00							4	\$60.00
FORKLIFT WITH OPERATOR	each	\$125.00							2	\$250.00
TRUCKING (cwt)	each	\$2.65							<b>—</b>	\$9,528.98
TRUCKING (min)	each	\$795.00							2	
PALLETS (ea)	each	\$12.00							76	\$912.00
SHRINK WRAP (ea)	each	\$12.00							68	\$816.00
		Daily 6	ub-Total ¢a	740 00	Cumulatio	/a Total ¢∕	164 266 01		¢16/	266 01
		Daily S	ub-Total \$2	2,740.00	Cumulativ	ve rotal \$	164,266.01		\$164,2	266.(

Date	Operator		Well Name a	ind No.		Rig Name an	d No.	Report No.		
08/30/21	MAG	NOLIA OIL	& GAS	ROI	MMEL UNI	Т 3Н	24	48	Repo	rt #26
	DAILY	USAGE 8	& COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Transfer F/Rommel 4H	gal	\$2.39								
Diesel Transfer F/Redwood A1H	gal	\$2.38							7200	\$17,136.00
DIESEL 08/03/21	gal	\$2.34							7199	\$16,845.66
Diesel 7200	gal	\$2.32							5991	\$13,899.12
Diesel 7000 gal 08-04-2021	gal	\$2.32								
Diesel Transfer F/Rommel 4H	gal	\$2.26							6580	\$14,870.80
Diesel 8/11/21	gal	\$2.23							7067	\$15,759.41
Diesel 8/17/21	gal	\$2.23							7200	\$16,056.00
Diesel 8/18/21	gal	\$2.22							1000	\$2,220.00
Diesel 8/22/21	gal	\$2.13							7200	\$15,336.00
Diesel 8/22/21	gal	\$2.14							5000	\$10,700.00
Diesel 8/24/21	gal	\$2.23							7000	\$15,610.00
Diesel 8/28/21	gal	\$2.38	7000		6000	1000	\$2,380.00		1000	\$2,380.00
	+									
	1									
	1									
	1									
	1			1						
	+									
	+									
	1	<u>.                                    </u>	<u> </u>	<u> </u>	Daily S	ub-Total \$2	2,380.00		\$140,8	312.99
							**		Ţ,	
		ulativa T-1	I AEC 0 0- 1	Dorte too	070.00					
	Cumi	ulative Tota	AES & 3rd	rarty \$305	,079.00					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: ROM

		WEEK 1								WEEK 2							WEEK 3							
	Date							8/9/21	8/10/21   8/11/21   8/12/21   8/13/21   8/14/21   8/15/21   8/16/21							8/17/21   8/18/21   8/19/21   8/20/21   8/21/21   8/22/21   8/23/21								
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon		
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	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	3,523	5,494	9,445	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385		
Totals	Ending Depth	5.494	9.445	11,022	11.022	11,022	11,022	11.022	11,022	11.022	11,022	11,078	11,762	11,762	11,762	11,762	11,762	11,022	11,043	11,266	13,385	16,038		
	• '	-, -	-, -		,-			,-	11,022	,-							-							
	Footage Drilled	1,971	3,951	1,577	-	-	-	-	-	-	-	56	684	-	-	-	-	-	21	223	2,119	2,653		
1,165		189	374	149	-	-	-	-	-	-	-	2	30	-	-	-	-	-	1	10	94	117		
	Starting System Volume	3,304	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733		
	Chemical Additions	2	7	2							6	3	4	8	6		8	4	9		7	10		
1,542		117	173	166		38					1	16	49	10	1	24	51	44	66	18	92	130		
114												35	21				7	14	8	7				
6,931				474			2,915				2,915				439									
-	Slurry Added	0.5													1						0.5	0.1		
319		25	20	25											1	1					65	64		
	Added for Washout																							
9,003	Total Additions	144	200	667	-	38	2,915	-	-	-	2,922	54	74	18	447	25	66	62	83	25	164	204		
-	Surface Losses																							
-	Formation Loss																							
976		104	206	81								6	89						12	16	103	129		
999		27	100	128	30	89					54			15		26	176	67		79				
291	Centrifuge Losses	40	41	40								30	40											
2,266	Total Losses	171	347	249	30	89	-	-	-	-	54	36	129	15	-	26	176	67	12	95	103	129		
6,340	Mud Transferred Out					2,961		2,915																
3,700	Ending System Volume	3,277	3,130	3,549	3,519	507	3,422	507	507	507	3,375	3,393	3,338	3,340	3,787	3,786	3,676	3,672	3,743	3,672	3,733	3,808		
-	Mud Recovered																							
	<u> </u>	Comments:							Comments:							Comments:								
																Leat Office was a search a while DOOL was due to a least dis-								
	2975 bbls Transferred F/ Redwood A1H. 329 bbls was in the casing.						8/10/21							8/17/21 Lost 26bls unrecoverable while POOH wet due to plugged pipe during cement job.										
	7																Dumped 113bls of mud/spacer interface from 1st cement plug							
3,895	3,895						8/11/21							8/18/21 and additional 63bls of mud/spacer interface from 2nd cement										
																	plug job.							
	<b>8/5/21</b> 474 BBLS 14 # received from mud plant							8/12/21 Lost 54bls to cement job, skid, and line/stack flushing.							8/19/21 Lost 66bls to mud left in open hole below cement, POOH, and to									
															shakers while drilling out cement and circulating.									
							Lost 6bls to MOC of new hole drilled. Lost additional 30bls to 8/13/21 tripping 2000' wet to pick up reamer and to shakers while drilling							<b>8/20/21</b> Lost 12bls to cuttings at shakers while time drilling and TIH.										
						out cement.							, and a state of the state of t											
8/7/21 2961 BBLS Transferred T/ Rommel Unit 4H. 507 Left in casing. 8							Lost 89bls to cuttings at shakers while drilling and circulating at 8/14/21 TD. Lost 40bls to centrifuges while processing on active and							Lost Tobis to MOC while drilling/circulating. Lost 79bis to open										
	omen 21 2001 bales mansioned if Normille Officer in casing.							effluent under drying shakers while drilling and circulating.						top from shaker overflow when pumping out trip tanks.										
		8/8/21								8/15/21 Lost 15bls while finishing POOH and running wireline logs.							8/22/21 Lost 103bls to mud on cuttings while drilling.							
								2.02. 200 Total mino minoring ( OOT) and furning within logs.						UZZZZ I COST TOODIS to find off cuttings write drining.										
		8/9/21							Received 439bls of 17.5ppg OBM from mud plant. No losses during wireline operations.						8/23/21 Lost 129bls to mud on cuttings while drilling.									
		8/9/21											M from mud	d plant. No	losses	8/23/21	Lost 129bl	ls to mud o	n cuttings w	hile drilling	J.			