Report #1

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

Sweep: 2 sx SAPP 10 gallons detergent

Spud load inventory will be added on daylight report.

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator				Contractor			County / Parish /	Block		Engineer S	Start Date)	24 hr ftg	g.		Drilled	Depth		
_	NOLIA (OIL & G	SAS		TERS	ON	_	HINGTON	1		0/04/			0 ft			0 1	t	
Well Name and No. BIGHO		INS HO)2 BH	Rig Name an	d No. 248		State T	EXAS		Spud Date	• 0/06/:		Current	ROP 0 ft/hr		Activity	Rig	аU	
Report for				Report for			Field / OCS-G #			Fluid Type)		Circulat	ing Rate		Circula	ting Pres		
Kevin	Burt/Ch	ris Ma	yeux	То	ol Pus	her	GID	DINGS			WBN	-		0 gpm			p		
			TY SPECIF	FICATION	S	T	MUD VO	LUME (BB	L)	F	PUMP :	#1		PUMP #2		RIS	ER BC	OST	ER
Weight	PV	YP	GELS	pН	API fl	% Solids	In Pits	0 1	obl	Liner S	Size	5.25	Liner		.25	Liner	Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	01	obl	Strok	e	12	Stro	ke	12	Stro	oke		
				10/5/21			Active	0 1	obl	bbl/s	tk	0.0763	bbl/		0763	bbl		0.00	00
Time Sample				0:30			Storage			stk/m	iin		stk/r			stk/	min		
Sample Locati				storage			Tot. on Loc	cation 2594	4 bbl	gal/m		0	gal/ı		0		min	0	
Flowline Temp	erature °F	=						PHHP = 0				ULATIO		<u> </u>).000 I		
Depth (ft)								<u> </u>				ashout =			Pump		ency =	95%	
Mud Weight (p				8.4			Drill String Disp.	Volume				Strokes 7				Time 7			
Funnel Vis (se	c/qt)		@ 90 °F	24				Bottoms Up		0.0 b		SottomsUp				msUp			
600 rpm				1			0.0 bbl	Riser Ann		0.0 b		Riser Sti	rokes			r Circ.			
300 rpm				1				DRILLING									NTRO		
200 rpm				1			Tubulars	` ,		(in.)	Lengt			Unit		Scre		Hou	rs
100 rpm				1			Drill Pipe			276	0'	0		Shake		14			
6 rpm				1			Hevi Wt			000		0		Shake		14			
3 rpm				1			Dir. BHA	8.000	2.	875		O		Shake		14	40		
Plastic Viscosi			@ 120 °F									C)'	Desan					
Yield Point (lb/			T0 = 1				_			HOLE D				Desilt					
Gel Strength (10	sec/10 min	1/1			Casing		ID	(in.)	Dept		op	Centrifu					
Gel Strength (•		30 min	1			Riser	20			108			VOLU				(bbls	_
API Filtrate / C							Surface					10		Prev.					0.0
HTHP Filtrate		ickness	@ 0 °F				Int. Csg.					10)8'	Transf		. ,	.,	259	94.0
Retort Solids (0.4%			Washout 1									I Adde	, ,		0.0
Retort Oil Con				22.22/			Washout 2				01					Adde	, ,		0.0
Retort Water (99.6%				Hole Size		000	0'	007		Other P			,		0.0
Sand Content				0%			ANI	NULAR GE	OME	IRY&I	KHEOL	JOGY			Water		. ,		0.0
M.B.T. (Methy	lene Blue	Capacity)	(ppb)	0.0			annulai section			veloc ft/mi	,	ow EC			eft on (• ()		0.0
pH				8.2								-9	9	Sand	d Trap	DISC	narge		
Alkalinity, Mud		,												F., .	.			05/	04.0
Alkalinities, Fil		Т		400											Total c		-	25	94.0
Chlorides (mg/	<u> </u>			420 40									-	Est. Los					0.0
Calcium (ppm)				40									-	Bit H.S.I.	T	ΔP	Nozzle		nde)
Excess Lime (, of Colida		2.60	2.60	2.60								ы п.з.і.	BIT	ΔΡ	NOZZI	35 (32)	ius)
Average Spec Percent Low G			>	0.4%	2.00	2.00							}		No	zzle			
Percent Drill S		iius		0.4%										Bit Impact Force	Velo	ocity			
PPA Spurt / To		0	@ 0 °F	0.470			BIT D	ΔΤΔ	Ma	anuf./Typ	ne				(11/5	sec)			
Estimated Total	. ,		ppb				Size	Depth In		ours	Foota	ge ROP	ft/hr	Motor/W	IWD	Calc	. Circ.	Press	sure
Sample Taken		Эузісііі	PPD	C. Beasley		P.Blair	OILG	Dopui III	110	2413	, Joid		.5111	14/0(01/19		Jaio	. 5110.	. 1000	.u. u
Remarks/Reco		ons:		2. 2000109		5/4/1	Rig Activity:									<u> </u>			
OBM REC			/Redwood	R1H 1/11	1 E/Mud	nlant	, ag / touvity.												
					i i /iviuu	piaill													
Pretreat A	ctive: 8 s	x SAPP a	and Deterg	jent.				moved fro bulk barite											00
Sweep: 2.9	SY SAPP	10 nallor	ns deterne	nt				of diesel.											

Eng. 1: Patrick Blair Eng. 2: Chris Beasley MIDLAND WH 2: WH #2 Rig Phone: Daily Total Cumulative Cost 936-465-0952 903-747-5377 432-686-7361 Phone: Phone: Phone: Phone: Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$4,080.00 \$4,080.00 Ρ g 1 0 0 **INCLUDING 3RD PARTY CHARGES** \$4,080.00 \$4,080.00

FW. Screens dressed with 140 screens.

gallons of diesel. All Frac tanks plumbed and ready to go. Chemicals transferred over and a spud load has arrived. While the rig is rigging up pits are being filled with

Date 10/05/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	N PLAINS	H02 BH	Rig Name and N 248		ort #1
	DAILY	USAGE 8	& COST					CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
	Onit		Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cuili Cos
SAPP (50)	50# sk	\$46.84							
PHPA LIQUID (pail)	5 gal	\$41.36		29	29				
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32		392	392		-		
	50# sk						-		
LIME (50)		\$5.88		55			-		
OPTI - G	50# sk	\$32.44		40	40		-		
BENTONE 38 (50)	50# sk	\$152.93		68					
BENTONE 910 (50)	50# sk	\$55.55		72	72				
BENTONE 990 (50)	50# sk	\$88.61		64	64				
OPTI - MUL	gal	\$11.40							
OPTI - WET	gal	\$8.84		110	110				
NEW PHALT	50# sk	\$38.72		132					
OIL SORB (25)	25# sk	\$4.75		60					
. ,									
	 								
NEW CARR (44)		A-							1
NEW CARB (M)	50# sk	\$5.63		147	147				
CYBERSEAL	25# sk	\$24.40	ļ		<u> </u>				
MAGMAFIBER F (25)	25# sk	\$28.05		240	240				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51		40	40				

							-		
NEW WATE (SACK BARITE)	100# sk	\$10.73		80	80				
BARITE BULK (100)	100# sk	\$8.17							
							+		
							-		
OPTI DRILL (OBM)	bbl	\$75.00		1950	1950				
Magnolia owned mud	bbl			618	618				
DISCOUNTED OBM	bbl	\$15.00			3.3				
	551	Ţ10.00							
	+							-	
	<u> </u>							<u> </u>	
									1
									<u> </u>
			<u> </u>						L
ENGINEERING (24 HR)	each	\$990.00				4	\$3,960.00	4	\$3,960.0
ENGINEERING (DIEM)	bbl	\$30.00				4		4	
ENGINEERING (MILES)	each	\$1.00					,		Ţ. <u>_</u> 0.0
	Cacii	ψ1.00							
							 	-	
									1
Scale Ticket	each	\$15.00							
FRUCKING (cwt)	each	\$2.48							
FRUCKING (min)	each	\$812.50							
PALLETS (ea)	each	\$12.50							
SHRINK WRAP (ea)	each	\$12.50							
	Cacii	Ψ12.00	l .	İ			'		

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/05/21	MAGN	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	24	18	Repo	ort #1
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57		7212	7212					
]		
				•		_ 				
	Cum	ulative Tota	al AES & 3rd	d Party \$4,0	080.08					
	<u> </u>					1				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21		10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/2
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2																				
Grand	Starting Depth	-	-																			
Totals	Ending Depth	-																				
-	Footage Drilled	-	_	-	-	-	-	-	-	-	-	-	_	-	-	-	-	-	_	-	-	-
-	New Hole Vol.	-	_	_	_	-	_	_	-	-	_	_	_	_	-	_	<u> </u>	_	_	_	-	_
	Starting System Volume	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594
	Chemical Additions	2,594	2,394	2,394	2,394	2,394	2,594	2,394	2,394	2,594	2,394	2,394	2,394	2,594	2,394	2,594	2,594	2,394	2,394	2,394	2,394	2,394
	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							1				1					1					
	Muu Transierreu Out																					
	- " 0 . " .	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504	0.504
2,594		2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594
2,594	Ending System Volume Mud Recovered	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594
•		2,594	2,594		2,594 comments		2,594	2,594	2,594	2,594		2,594 Comment		2,594	2,594	2,594	2,594		2,594 comments		2,594	2,594
•			2,594				2,594	2,594		2,594				2,594	2,594		2,594				2,594	2,594
•		2,594	2,594				2,594	2,594	10/12/21	2,594				2,594	2,594	2,594	2,594				2,594	2,594
•			2,594				2,594	2,594		2,594				2,594	2,594		2,594				2,594	2,594
•	Mud Recovered		2,594				2,594	2,594		2,594				2,594	2,594		2,594				2,594	2,594
-	Mud Recovered	10/5/21	2,594				2,594	2,594	10/12/21	2,594				2,594	2,594	10/19/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21	2,594				2,594	2,594	10/12/21	2,594				2,594	2,594	10/19/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21	2,594				2,594	2,594	10/12/21	2,594				2,594	2,594	10/19/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21	2,594				2,594	2,594	10/12/21 10/13/21 10/14/21	2,594				2,594	2,594	10/19/21 10/20/21 10/21/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21	2,594				2,594	2,594	10/12/21 10/13/21 10/14/21	2,594				2,594	2,594	10/19/21 10/20/21 10/21/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21 10/6/21 10/7/21	2,594				2,594	2,594	10/12/21 10/13/21 10/14/21 10/15/21	2,594				2,594	2,594	10/19/21 10/20/21 10/21/21 10/22/21	2,594				2,594	2,594
-	Mud Recovered	10/5/21 10/6/21 10/7/21 10/8/21	2,594				2,594	2,594	10/12/21 10/13/21 10/14/21 10/15/21	2,594				2,594	2,594	10/19/21 10/20/21 10/21/21 10/22/21 10/23/21	2,594				2,594	2,594

110 Old Market St. St Martinville, LA 70582

Spud load inventory will be added on daylight report.

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

TEL: (337) 394-1078

Operator	NOLIA (OII		Contractor	TEDE	ON.	County / Parish /		TON	Engineer St	Start Da		24 hr ftg	0 ft		Drilled [Depth 0	£1
Well Name and No.		JIL & C	JAS	Rig Name an	TERSO	N	WASh State	IING	ION	Spud Date		121	Current			Activity	U	ıτ
BIGHO		NNS HO)2 BH	J	248			EXAS	3		0/06	/21		0 ft/hr			?/U E	ЗНА
Report for				Report for			Field / OCS-G #			Fluid Type				ng Rate		Circulat	-	
Kevin	Burt/Ch				ol Pus	her		DINC			WB			0 gpm				si
	ı	l	TY SPECIF			1	MUD VO				UMP			PUMP #2				DOSTER
Weight	PV	YP	GELS	рН	API fI	% Solids	In Pits		520 bbl	Liner Si		5.25	Liner		.25	Liner		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole		-10 bbl	Stroke		12	Strol		12	Stro		
				10/6/21		10/5/21	Active		517 bbl	bbl/stl		0.0763	bbl/s		0763	bbl/		0.0000
Time Sample				0:30		12:15	Storage		2594 bbl	stk/mii		_	stk/n			stk/r		_
Sample Locati				storage		no fluid	Tot. on Lo			gal/mii		0	gal/r		0	gal/ı		0
Flowline Temp	perature °i	-						PHHE				CULATIO		A	D			K = 510.000
Depth (ft)				0.4			l l	Bit Dep		0.011		Vashout =			Pump			95%
Mud Weight (p			@ 00 °F	8.4			Drill String Disp.		olume to Bit			Strokes				Time T		
Funnel Vis (se	ec/qt)		@ 90 °F	24					ms Up Vol.			BottomsUp				msUp		
600 rpm				1			9.8 bbl		er Ann. Vol. LING AS			Riser St	rokes		SOLID	r Circ.		
300 rpm				1			Tubulars			(in.)	Leng		ор	Unit		Scre		Hours
200 rpm 100 rpm				1			Drill Pipe		,	.276	-45	-) Op	Shake		14		Tiouis
6 rpm				1			Hevi Wt			.800	330		53'	Shake		14		
3 rpm				1			Other Pipe			.250	85		23'	Shake		14		
Plastic Viscosi	ity (cn)		@ 120 °F	'			Dir. BHA			.000	38		38'	Desan			.0	
Yield Point (lb/			T0 = 1	1			511. 5117		ASING &					Desilt				
Gel Strength (10	sec/10 min	1/1			Casing			(in.)	Dep	oth To	ор	Centrifu				
Gel Strength (30 min	1			Riser		()	()	108		-			COUN	ITING	6 (bbls)
API Filtrate / C		ness					Surface						08'		Total o			2594.0
HTHP Filtrate			@ 0 °F				Int. Csg.						08'	Transf				
Retort Solids (0.4%			Washout 1									. ,	. ,	#VALUE!
Retort Oil Con							Washout 2								Barite		` ,	0.0
Retort Water (Content			99.6%			Oper	n Hole	Size 0.	.000	0'			Other P	roduct	: Usag	e (+)	0.8
Sand Content				0%			AN	NULA	R GEOME	TRY & R	RHEO	LOGY			Water	Adde	d (+)	517.0
M.B.T. (Methy	lene Blue	Capacity) (ppb)				annula	,	mana	velocit	t.,	flow E0	CD	Le	eft on (Cutting	js (-)	0.0
рН				6.2			section		meas. depth	ft/min	,		'gal	San	d Trap	Disch	arge	
Alkalinity, Mud	l Pm						0x5	I	108'	0.0		8.	40					
Alkalinities, Fil	trate Pf/M	f												Est.	Total o	n Loc	ation	#VALUE!
Chlorides (mg/	/L)			460										Est. Los	sses/G	ains (-	-)/(+)	#VALUE!
Calcium (ppm))			40										BIT	HYDF	RAULI	CS D	ATA
Excess Lime (lb/bbl)													Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32nds)
Average Spec	ific Gravit	y of Solids	S	2.60	2.60	2.60									ŗ	osi	14	14 14
Percent Low G	Gravity So	lids		0.4%										Bit Impact	FI .	zzle	14	14 14
Percent Drill S	olids			0.4%										Force	(ft/s	ocity sec)	14	14 14
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Typ	е	Ulterra U6	616S	0 lbs	(0		
Estimated Total	al LCM in	System	ppb				Size	Dept	h In H	ours I	Foota	age ROP	ft/hr	Motor/N	IWD	Calc.	Circ.	Pressure
Sample Taken	Ву			C. Beasley		P.Blair		108	3 ft									
Remarks/Reco	mmendati	ons:					Rig Activity:											
OBM REC	EIVED:	1183 F	Redwood	B1H 141	1 F/Mudp	olant												
Pretreat A	ctive: 8 s	x SAPP a	and Deterg	ent.			D	~4 O I	anda kali	hort-	n al C	locals at	'	Doine I	or=:-!	04.00	.00.4	0.5.04
			ns deterge				and mak with fres	ing fir h wate	nal prepai er, leaking	rations to g noticed	o spu d and	loads die ud @ app d disconti	x. 03- nued (04:00 10 until prob	-6-21. olem re	. Beg esolve	an fill ed.	ing pits
1									and swee									up BHA.

	Eng. 1	:	Patric	k Bla	ir	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	Phone	: 9	36-46	55-09	52	Pł	none:	903-7	747-5377	Phone:	432-686-7361	Phone:	-			
V 1	V P	Y 1	g 1	G 1	р 0	A 1	S 0	C 0	carefully	y and may be	ecommendation, execused if the user so pation, and this is a	elects, however	, no representation	nas been prepared on is made as to the	\$5,973.93	\$10,053.93
												INCLUDI	NG 3RD PAR	TY CHARGES	\$5,973.93	\$10,053.93

Pretreatment and sweep have been mixed. Continue to rig up while picking up BHA.

	Operator MAGI	NOLIA OIL		Well Name a BIGHOR	nd No. RN PLAINS	H02 BH	Rig Name an		lo. eport #2
	DAILY	USAGE 8	COST					CUI	MULATIVE
			Previous		Closing	Daily	D 11 O 1	Cun	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usag	
SAPP (50)	50# sk	\$46.84		168	158	10	\$468.40		10 \$468.40
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	29		29				
NEW GEL (PREMIUM)	gal 100# sk	\$14.00							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
7.20111110111111111111111111111111111111	2011 011	φσι.ισ							
CACL2 (50)	50# sk	\$14.32	392		392				
LIME (50)	50# sk	\$5.88	55	200	255				
OPTI - G	50# sk	\$32.44	40	80	120				
BENTONE 38 (50)	50# sk	\$152.93	68		68				
BENTONE 910 (50)	50# sk	\$55.55	72		72				
BENTONE 990 (50)	50# sk	\$88.61	64		64				
OPTI - MUL	gal	\$11.40		440	440				
OPTI - WET	gal	\$8.84	110	440	550				
NEW PHALT OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	132 60	40	172 60				
(LU)	20# SN	Ψ/ Θ	00		00				
NEW CARR (A)	=2	A							
NEW CARB (M) CYBERSEAL	50# sk 25# sk	\$5.63 \$24.40	147		147				
MAGMAFIBER F (25)	25# sk	\$24.40	240		240				
MAGMAFIBER R (30)	30# sk	\$28.05	240		240				
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				

NEW WATE (SACK BARITE)	100# sk	\$10.73	80	0.40	80				
BARITE BULK (100)	100# sk	\$8.17		840	840				
OPTI DRILL (OBM)	bbl	\$75.00	1950		1950				
Magnolia owned mud	bbl		618		618				
DISCOUNTED OBM	bbl	\$15.00							
•	each	\$990.00				າ	\$1,980.00		6 \$5,940.00
ENGINEERING (24 HR)		\$30.00				2			6 \$180.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	DOL						Ţ55.00		ψ.30.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$1.00			 		i e	 	
ENGINEERING (DIEM)		\$1.00]				
ENGINEERING (DIEM)		\$1.00 \$156.25				1	\$156.25		1 \$156.25
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	each					1 2	\$30.00		2 \$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt)	each each	\$156.25 \$15.00 \$2.48					\$30.00	1	
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each	\$156.25 \$15.00 \$2.48 \$812.50				2 1161	\$30.00 \$2,879.28	1	2 \$30.00 161 \$2,879.28
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each each each	\$156.25 \$15.00 \$2.48 \$812.50				1161 16	\$30.00 \$2,879.28 \$200.00	1	2 \$30.00 161 \$2,879.28 16 \$200.00
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each	\$156.25 \$15.00 \$2.48 \$812.50				2 1161	\$30.00 \$2,879.28 \$200.00	1	2 \$30.00 161 \$2,879.28

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
10/06/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	ort #2
	DAILY	USAGE 8	& COST						сими	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57	7212	-7212						
Diesel 10-4-21	gal	\$2.57		7212	7212					
Diesel 10-5-21	gal	\$2.63		7213	7213					
								1		
	<u> </u>									
								I		
	Cum	ulative Tota	al AES & 3rd	Party \$10	053.93					

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2						10													
Grand	Starting Depth	-	-																			
Totals	Ending Depth	-																				
		-	_	_	-	_	_	_		-			-	-	_	_	_	-		-	_	_
-	Footage Drilled	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	-																				
	Starting System Volume	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594
-	Chemical Additions	1																				
-	Base Fluid Added Barite Increase	1	-																-			
-	Weighted Mud Added	+																				
	Slurry Added																					
	Water Added																					
_	Added for Washout																					
_	Total Additions	<u> </u>	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
		+ -	_	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses Formation Loss																					
-																						
-	Mud Loss to Cuttings Unrecoverable Volume																					
_	Centrifuge Losses																					
_	Centinuge 203303						<u> </u>										<u> </u>					<u> </u>
-	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
2,594	Ending System Volume	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594	2,594
-	Mud Recovered																					
		1																				
				С	omment	s <i>:</i>					С	omment	s:					С	omment	s:		
				С	omment	s:					С	omment	s:					С	omment	s:		
		10/5/21		С	omment	s:			10/12/21		С	omment	s:			10/19/21		С	comment	s:		
		10/5/21		С	omment	s:			10/12/21		С	omment	s:			10/19/21		С	Comment	s:		
	7	10/5/21		C	Comment	s:			10/12/21		С	omment	s:			10/19/21		С	comment	s:		
2,594		10/5/21		C	comment	s:			10/12/21		C	comment	s:			10/19/21		С	Comment	s:		
2,594				C	Comment	s:					С	comment	s:					С	Comment	s:		
2,594		10/6/21		C	comment	s:			10/13/21		С	comment	s:			10/20/21		С	Comment	s:		
2,594				C	comment	s:					C	omment	s:					C	Comment	s:		
2,594		10/6/21		C	Comment	s:			10/13/21		C	omment	s:			10/20/21		С	Comment	s:		
2,594		10/6/21		C	Comment	s:			10/13/21		C	omment	s:			10/20/21		C	Comment	s:		
2,594		10/6/21		C	Comment	s:			10/13/21		C	omment	s:			10/20/21		C	Comment	s:		
2,594		10/6/21		C	Comment	s:			10/13/21 10/14/21 10/15/21		C	omment	s:			10/20/21 10/21/21 10/22/21		C	Comment	s:		
2,594		10/6/21		C	Comment	S:			10/13/21		C	omment	s:			10/20/21		C	Comment	s:		
2,594		10/6/21 10/7/21 10/8/21		C	Comment	s:			10/13/21 10/14/21 10/15/21 10/16/21		C	omment	s:			10/20/21 10/21/21 10/22/21 10/23/21		C	Comment	s:		
2,594		10/6/21		C	Comment	S:			10/13/21 10/14/21 10/15/21		C	omment	s:			10/20/21 10/21/21 10/22/21		C	Comment	s:		
2,594		10/6/21 10/7/21 10/8/21		C	Comment	s:			10/13/21 10/14/21 10/15/21 10/16/21		C	omment	s:			10/20/21 10/21/21 10/22/21 10/23/21		C	Comment	s:		

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

0.0°

2,816' TVD

TEL: (337) 394-1078

Operator				Contractor			County / Parish /	Block		Engineer S	Start Date	24 hr	ftg.		Drill	ed Depth	
MAGI	NOLIA (OIL & G	SAS	PAT	TERS	NC	WASH	HINGTO	N	1	0/04/2	1	2,81	6 ft		2,81	16 ft
Well Name and No.				Rig Name ar			State			Spud Date			nt ROP		Acti	•	
BIGHO Report for	RN PLA	INS HO)2 BH	Report for	248		TI Field / OCS-G #	EXAS		1 Fluid Type	0/06/2		700 f		Circ	Dril ulating Pre	ling ssure
	Burt/Ch	ris Ma	yeux	То	ol Pus	her	GID	DINGS			WBM		917 g			-) psi
	MUD	PROPER	TY SPECIF	ICATION	s		MUD VO	LUME (BI	BL)	F	PUMP #1		PUMI	P #2	R	ISER B	OOSTER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	61	5 bbl	Liner S	Size 5	5.25 Line	r Size	5.25	5 Lir	er Size	
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole	45	4 bbl	Strok	e	12 St	roke	12	5	stroke	
				10/7/21		10/6/21	Active	106	69 bbl	bbl/s	tk 0.	0763 bt	ol/stk	0.076	63 k	bl/stk	0.0000
Time Sample	Taken			0:30		11:30	Storage	269	99 bbl	stk/m	nin	143 stl	c/min	143	3 s	tk/min	
Sample Locati	on			pit		pit	Tot. on Loc	cation 376	88 bbl	gal/m	nin 4	458 ga	l/min	458	3 g	al/min	0
Flowline Temp	erature °F	=					ı	PHHP = 10	70	•	CIRCU	LATION D	ATA		n :	= 0.737	K = 15.441
Depth (ft)				2,630'			Bit I	Depth = 2,	816 '		Was	hout = 0%		Pı	ump Eff	iciency	= 95%
Mud Weight (բ	opg)			8.8		8.4	Drill String	Volume	e to Bit	47.6 l	bbl S	trokes To Bi	t 62	4	Tim	e To Bit	2 min
Funnel Vis (se	ec/qt)		@ 90 °F	28		24	Disp.	Bottoms l	Jp Vol.	406.5	bbl Bot	tomsUp Stks	5,32	28 E	Bottomsl	Jp Time	19 min
600 rpm				5		1	25.3 bbl	Riser An	ın. Vol.	-2.6 b	obl I	Riser Strokes	-34	4	Riser Ci	rc. Time	0 min
300 rpm				3		1		DRILLIN	G ASS	SEMBLY	/ DATA			so	LIDS C	ONTRO)L
200 rpm				2		1	Tubulars	OD (in.)	ID	(in.)	Length	Тор		Unit	S	creens	Hours
100 rpm				1		1	Drill Pipe	5.000	4.	276	2,363'	0'	Sh	naker 1		140	10.0
6 rpm				1		1	Hevi Wt	5.000	3.	800	330'	2,363'	Sh	naker 2	2	140	10.0
3 rpm				1		1	Other Pipe	7.875	3.	250	85'	2,693'	Sh	naker 3	3	140	10.0
Plastic Viscos	ity (cp)		@ 120 °F	2			Dir. BHA	8.000	2.	000	38'	2,778'	De	sande	r		
Yield Point (lb.	/100 ft²)		T0 = 1	1		1		CASII	NG & I	HOLE D	ATA		D	esilter			
Gel Strength (lb/100 ft²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор	Cen	trifuge	1		10.0
Gel Strength (lb/100 ft ²)		30 min	1		1	Riser	20			108'		VO	LUME	ACCO	UNTIN	G (bbls)
API Filtrate / C	Cake Thick	ness		12/1			Surface					108'	Pr	ev. To	tal on L	ocation	3104.2
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.					108'	Tra	ansferr	ed In(+)/Out(-)	131.0
Retort Solids (Content			3.4%		0.4%	Washout 1								Oil Ad	ded (+)	0.0
Retort Oil Con	tent						Washout 2							Ва	arite Ad	ded (+)	0.0
Retort Water (Content			96.6%		99.6%	Oper	Hole Size	13	5.500	2,816'		Oth	er Prod	duct Us	age (+)	2.4
Sand Content				0.2%		0%	ANI	NULAR G	EOME	TRY & F	RHEOLO	GY		W	ater Ad	ded (+)	1278.4
M.B.T. (Methy	lene Blue	Capacity)	(ppb)	5.0			annulai		eas.	veloc	-			Left	on Cut	ings (-)	-747.8
pН				7.0		7.0	section	i de	epth	ft/mi	in reg	lb/gal			Ce	ntrifuge	
Alkalinity, Muc	l Pm			0.1			0x5	1	08'	-898	.6	9.69					
Alkalinities, Fil	trate Pf/M	f					13.5x5	2,	363'	142.	.9 turl	10.15	E	st. To	tal on L	ocation	3768.1
Chlorides (mg	/L)			600		400	13.5x5	2,	693'	142.	9 turl	11.28	Est.	. Losse	es/Gain	s (-)/(+)	0.0
Calcium (ppm))			240		40	13.5x7.8	75 2,	778'	186.	.9 turl	12.38		BIT H	YDRAL	ILICS D	ATA
Excess Lime (lb/bbl)						13.5x8	2,	816'	190.	0 turl	13.51	Bit H.	.S.I.	Bit ∆P	Nozz	les (32nds)
Average Spec	ific Gravity	y of Solids	5	2.60	2.60	2.60							1.3	39	372 ps		14 14
Percent Low 0		ids		3.4%		0.4%							Bit Im		Nozzle Velocity	,	14 14
Percent Drill S				3.4%		0.4%			1				Fore		(ft/sec)	14	14 14
PPA Spurt / To			@ 0 °F				BIT D	l		anuf./Typ		terra / PDC	908		217		
Estimated Tot		System	ppb				Size	Depth In		ours	Footage			or/MW			. Pressure
Sample Taker				N. Dilly		P.Blair	13 1/2	108 ft	1	0.0	2,816 ft	281.6	1,6	645 ps	si	2,57	1 psi
Remarks/Reco	mmendation	ons:					Rig Activity:										

OBM RECEIVED: Returned 154bls 11.0ppg to mud plant and

received 285bls 8.0ppg.

Pretreat Active: 10sx SAPP and 50gal Detergent.

Sweep: 2sx SAPP 10 gallons detergent / 100bls water

Finish rig up operations and rig service. Pick up BHA. Drill from 100' to 2,816'. Drilling ahead at report time pumping 30bls soap/sapp sweeps every connection, adding soap/sapp sticks down drill pipe every connection, and pumping 100bls soap/sapp sweeps every 1000'. Dumping sand trap and diluting active system with freshwater as needed to control MW. Stopped adding SAPP at 2,600' and will let weight creep up to 9.1-9.2ppg by TD. Will pump 2 tandem hi-vis sweeps at TD and circulate clean.

E	ng. 1:	ı	Patric	k Blai	ir	Er	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	hone:	9	36-46	5-09	52	Ph	none:	337-2	207-8848	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 1	C 0	carefully	and may be	used if the use		er, no representa	, has been prepared ation is made as to the	\$4,286.88	\$14,340.81
												INCLU	DING 3RD PA	RTY CHARGES	\$4,286.88	\$14,340.81

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
10/07/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	ort #3
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	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	\$46.84 \$41.36	158 29		126 29	32	\$1,498.88		42	\$1,967.28
EVO-LUBE	gal	\$14.00			23					
NEW GEL (PREMIUM)	100# sk	\$11.54								
ALUMINUM TRISTEARATE	25# sk	\$81.16						1		
712011110111111111111111111111111111111	2011 610	φστιτο								
CACL2 (50)	50# sk	\$14.32	392		392					
LIME (50)	50# sk	\$5.88	255		255					
OPTI - G	50# sk	\$32.44	120		120					
BENTONE 38 (50)	50# sk	\$152.93	68		68					
BENTONE 910 (50)	50# sk	\$55.55	72		72					
BENTONE 990 (50)	50# sk	\$88.61	64		64					
OPTI - MUL	gal	\$11.40			440					
OPTI - WET	gal	\$8.84	550		550					
NEW PHALT	50# sk	\$38.72	172		172					
OIL SORB (25)	25# sk	\$4.75	60		60					
NEW CARR (M)	50# sk	\$5.63	147		147			1		
NEW CARB (M) CYBERSEAL	50# sk	\$5.63 \$24.40			147			1		
MAGMAFIBER F (25)	25# sk	\$28.05			240			1		
MAGMAFIBER R (30)	30# sk	\$28.05	240		2-10			1		
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37								
NUT PLUG M (50)	50# sk	\$10.51	40		40					
, ,										
NEW WATE (SACK BARITE)	100# sk	\$10.73			80					
BARITE BULK (100)	100# sk	\$8.17	840		840					
								1		
]		
OPTI DRILL (OBM)	bbl	\$75.00	1950	131	2081					
Magnolia owned mud	bbl	* * * * * * * * * * * * * * * * * * *	618		618					
DISCOUNTED OBM	bbl	\$15.00								
								1		
								1		
								1		
								1		
	+							1		
								1		
								1		
]		
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00]	8	\$7,920.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		8	\$240.00
ENGINEERING (MILES)	each	\$1.00				748	\$748.00]	748	\$748.00
	each	\$156.25							1	\$156.25
FORKLIFT WITH OPERATOR			ı	ĺ	l]	2	\$30.00
Scale Ticket	each	\$15.00			+					
Scale Ticket TRUCKING (cwt)	each each	\$2.48							1161	\$2,879.28
Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$2.48 \$812.50								
Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each	\$2.48 \$812.50 \$12.50							16	\$200.00
Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$2.48 \$812.50								\$2,879.28 \$200.00 \$200.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/07/21	MAGN	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	24	48	Repo	ort #3
							1			
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
			inventory		inventory	Osage			Osage	
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57	7212		7212					
Diesel 10-5-21	gal	\$2.63	7213		7213					
			<u> </u>	<u></u>	<u> </u>		<u> </u>			
		_								
								1		
ĺ										
	Cum	ulative Tota	I AES & 3rd	Party \$14,	340.81					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

					WEEK 1				1			WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21		10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2																		
Grand	Starting Depth	-																				
Totals	Ending Depth																					
	Footage Drilled	<u> </u>	-	_	-	-	_	-		-	-	_	_	-	_	-	_	-	-	_	_	_
-	New Hole Vol.	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,594	2,594	2,594	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725
-	Chemical Additions																					
-	Base Fluid Added																					
-	Barite Increase																					
285	Weighted Mud Added			285																		
-	Slurry Added																					
-	Water Added																					
-	Added for Washout																					
285	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss	1																				
-	Mud Loss to Cuttings																					
	Unrecoverable Volume																					
-	Centrifuge Losses																					
-	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	Mud Transferred Out			154																		
2,725	Ending System Volume	2,594	2,594	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725	2,725
-	Mud Recovered																					
					omment	c:	<u> </u>	Į.		<u> </u>		omment	· · ·	<u> </u>	<u> </u>		<u> </u>	_	omment	· · ·	J	
					Omment	s.						omment	3.						omment	3.		
		10/5/21							10/12/21							10/19/21						
2,725]	10/6/21							10/13/21							10/20/21						
	_																					
		10/7/21							10/14/21							10/21/21						
		10/8/21							10/15/21							10/22/21						
		10/9/21							10/16/21							10/23/21						
		10/10/21							10/17/21							10/24/21						
		10/11/21							10/18/21							10/25/21						

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

TEL: (337) 394-1078

Operator	MAGNOLIA OIL & GAS						County / Parish /	Block		Engineer S	tart Date		24 hr ftg.		D	rilled Dept	h
MAGI	NOLIA (OIL & G	SAS	PAT	TERS	ON	WASH	HINGTO	N	_	0/04/2) ft			020 ft
Well Name and No.		INC H	0 DII	Rig Name an			State			Spud Date	10010		Current ROF		A	ctivity	id Dia
BIGHO!	KN PLA	NINS HU	12 BH	Report for	248		Field / OCS-G #	EXAS		Tuid Type	0/06/2		Circulating R	ft/hr ate	С	irculating I	id Rig Pressure
Kevin	Burt/Ch	ris Ma	yeux	То	ol Pus	her	GID	DINGS			WBM		917	gpm			
	MUD	PROPER	TY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	Р	UMP#	:1	PU	MP #2		RISER	BOOSTER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	() bbl	Liner Si	ize	5.25	Liner Size	5.2	25 I	iner Siz	e
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole	28	30 bbl	Stroke	9	12	Stroke	12	2	Stroke	
				10/7/21			Active	() bbl	bbl/stl	k (0.0763	bbl/stk	0.07	763	bbl/stk	0.0000
Time Sample	Taken			0:30			Storage	e <u>(</u>) bbl	stk/mi	n	143	stk/min	14	3	stk/min	
Sample Locati	on			pit			Tot. on Lo	cation 28	30 bbl	gal/mi	n	458	gal/min	45	8	gal/min	0
Flowline Temp	erature °F	=						PHHP =	0		CIRC	ULATIO	N DATA		r	ı = 0.73	7 K = 15.441
Depth (ft)				2,630'			E	Bit Depth :	= '		Wa	shout =	0%	F	Pump E	fficienc	y = 95%
Mud Weight (p	pg)			8.8			Drill String	Volum	ne to Bit	0.0 bb	ol	Strokes T	o Bit	0	Т	me To E	Bit 0 min
Funnel Vis (se	c/qt)		@ 90 °F	28			Disp.	Bottoms	Up Vol.	0.0 bb	ol Bo	ottomsUp	Stks	0	Bottom	sUp Tim	ie 0 min
600 rpm				5			0.0 bbl	Riser A	nn. Vol.	0.0 bb	ol	Riser Str	okes	0	Riser	Circ. Tim	ie 0 min
300 rpm				3				DRILLIN	NG ASS	SEMBLY	DATA			SC	DLIDS	CONTR	ROL
200 rpm				2			Tubulars	OD (in.)	ID.	(in.)	Length	n To	р	Unit		Screens	s Hours
100 rpm				1			Drill Pipe				0'	0	,	Shaker	1	140	
6 rpm				1			Hevi Wt					0	,	Shaker	2	140	
3 rpm				1			Other Pipe					0		Shaker	3	140	
Plastic Viscosi	ty (cp)		@ 120 °F	2			Dir. BHA					0	· ı	Desande	er		
Yield Point (lb/	(100 ft²)		T0 = 1	1				CASI	NG & I	HOLE DA	ATA			Desilte	r		
Gel Strength (I	b/100 ft²)	10	sec/10 min	1/1			Casing	OD (in.)	ID.	(in.)	Depth	ı To	p C	entrifug	e 1		
Gel Strength (I	b/100 ft ²)		30 min	1			Riser	20			108'			/OLUM	E ACC	OUNTI	NG (bbls)
API Filtrate / C		ness		12/1			Surface	10 3/4	9.	.950	3,020	' 10	8'	Prev. To	otal on	Locatio	n 280.1
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.					10	8'	Fransfei	rred In	+)/Out(-)
Retort Solids (Content			3.4%			Washout 1								Oil A	dded (-	+) 0.0
Retort Oil Con	tent						Washout 2							E	Barite A	dded (-	⊦) 0.0
Retort Water 0	Content			96.6%			Oper	n Hole Siz	e 0.	.000	3,020	,	0	ther Pro	oduct L	Isage (-	+) 0.0
Sand Content				0.2%			AN	NULAR G	EOME	TRY & R	HEOL	OGY		٧	Vater A	dded (-	⊦)
M.B.T. (Methy	lene Blue	Capacity)	(ppb)	5.0			onnulo	r .	neas.	velocit	ty flo	ow EC	·D	Lef	t on Cı	ıttings (-) 0.0
рН				7.0			annula section		lepth	ft/mir	•	eg lb/g			С	entrifug	e
Alkalinity, Mud	Pm			0.1									N	on-Reco	overab	e Vol. (-)
Alkalinities, Fil	trate Pf/M	lf												Est. To	otal on	Locatio	n 280.1
Chlorides (mg/	′L)			600									E	st. Loss	es/Ga	ns (-)/(-	+) 0.0
Calcium (ppm)				240										BIT I	HYDRA	ULICS	DATA
Excess Lime (lb/bbl)												Bit	H.S.I.	Bit Δ	P No	zzles (32nds)
Average Spec	ific Gravity	y of Solids	3	2.60	2.60	2.60											
Percent Low G	Gravity Sol	lids		3.4%									Rit	mpact	Nozz		
Percent Drill S	olids			3.4%										orce	Veloc (ft/se		
PPA Spurt / To	otal (ml) @	<u> </u>	@ 0 °F				BIT D	ATA	Ma	anuf./Typ	e L	Jlterra / P	DC				
Estimated Total	al LCM in	System	ppb				Size	Depth Ir	n H	ours	Footag	e ROP	ft/hr M	otor/MV	VD (Calc. Ci	rc. Pressure
Sample Taken	Ву			N. Dilly		P.Blair											
-				<u> </u>		1	Rig Activity:	1									
Remarks/Recommendations:							1										

OBM RECEIVED: 280bls of OBM left in hole and 2,419bls transferred to Bighorn Peak H04 BH.

Transferred all products and mud to next well.

TD surface interval @ 3,020' 01:00 10-07-21. Condition mud and circulate sweeps around, clean hole. POOH T/BHA, R/U casing equipment. M/U shoe track and test. Run 10.75" surface casing T/bottom, landed @ 3,009'. Circulate 1.5 times casing capacity, R/D CRT and landing joint. R/U cement crew for offline cement surface job. Pump same with returns at cellar, diverted to open top for disposal, and bumped plug with 9.0ppg OBM. Rig was skid T/Bighorn Peak H04 BH. Dumped pits and filled with fresh water and treatments of soap and SAPP for spud in. Upon rig service experienced Crownomatic issues, resolving same at pm report time.

Е	ng. 1:	- 1	Patric	k Blai	ir	Er	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	hone:	9	36-46	5-095	52	Ph	none:	337-2	207-8848	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 1	C 0	carefully	and may be	used if the user		er, no representati	has been prepared on is made as to the	\$0.00	\$14,340.81
												INCLUE	ING 3RD PAR	TY CHARGES	\$0.00	\$14,340.81

or	Operator	٧	Nell Name a	nd No.		Rig Name an	d No.	Report No.	
GNOLIA O	MAGNOLIA OIL & 0	GAS	BIGHOR	N PLAINS	H02 BH	24		Repo	rt #4
LY USAGE	DAILY USAGE & C	COST						CUMUL	ATIVE
t Unit Cos		revious	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
	Inv	ventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
	50# sk \$46.84							42	\$1,967.28
	5 gal \$41.36								
	gal \$14.00								
	100# sk \$11.54 25# sk \$81.16								
SK \$81.1	25# sk \$81.16								
	- - -								
sk \$14.3	50# sk \$14.32								
	50# sk \$5.88								
	50# sk \$32.44								
	50# sk \$152.93								
	50# sk \$55.55								
sk \$88.6	50# sk \$88.61								
\$11.4	gal \$11.40								
	gal \$8.84								
	50# sk \$38.72								
sk \$4.7	25# sk \$4.75								
	50# sk \$5.63								-
	25# sk \$24.40								
	25# sk \$28.05								
	30# sk \$28.05								
	50# sk \$26.50								
	30# sk \$30.37								
sk \$10.5	50# sk \$10.51								
-l. #40.7	400% -1 040.70								
	100# sk \$10.73								
SK \$8.1	100# sk \$8.17								
	- 								
	- - - - - - - - - 								
\$75.0	bbl \$75.00	280		280					-
	bbl								
\$15.0	bbl \$15.00								
		+							
		-							
		+							
		+							
\$000.0	each \$990.00	+						0	\$7,920.00
	bbl \$30.00	+						8	\$240.00
	each \$1.00	+						748	\$748.00
ψ1.0	Ψ1.00	+						, 40	ψ. 10.00
\$156.2	each \$156.25	+						1	\$156.25
	each \$15.00	+						2	\$30.00
	each \$2.48							1161	
	each \$812.50								. , , , , , , , , , ,
	each \$12.50							16	\$200.00
	each \$12.50	1						16	\$200.00
				Cumulati	ve Total \$	14,340.81		\$14,3	40.81
	- t				\$12.50	\$12.50		\$12.50	\$12.50

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/08/21	MAGN	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	24	48	Repo	ort #4
							I			
	DAILY	USAGE 8	COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
			inventory		inventory	Usage			Usage	
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57	7212		7212					
Diesel 10-5-21	gal	\$2.63	7213		7213					
					<u> </u>					
		<u> </u>	<u> </u>	<u> </u>	<u> </u>					
						Ī				
	Cum	ulative Tota	I AES & 3rd	Party \$14,	340.81					

OUTSOURCE FLUID SOLUTIONS LLC.

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

e: 248

_					WEEK 1							WEEK 2							WEEK 3			
Ţ	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21		10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
ļ		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
ţ	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2																	
Grand	Starting Depth	-																				
l l	Ending Depth		1	<u> </u>																		
	Footage Drilled	_	_	_	-		_		-	_	_	_	-	-	_	_		-	_	-	-	-
	New Hole Vol.			+ -	_		_			_	-		_	_	_	_			_		-	+ -
			2.504			280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	
	Starting System Volume	2,594	2,594	2,594	2,725	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Chemical Additions Base Fluid Added		+	+																		
	Barite Increase		+	+																		
	Weighted Mud Added			285																		
	Slurry Added		 	200																		
	Water Added		\vdash	+																		
	Added for Washout		†	+																		
	Total Additions	-	_	285	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_
	Surface Losses	1	-	203	-	_	_	-	<u> </u>	-	-	_	_	_	_	-	-	_	_	_	-	+ -
	Formation Loss		 																			+
	Mud Loss to Cuttings		+	+																		
	Unrecoverable Volume		 	+	26																	
	Centrifuge Losses		\vdash	+	20																	
																				_		
26	Total Losses	26										-	-	-	-	-	-	-	-	-	-	
2,573	Mud Transferred Out			154	2,419																	
280	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21							10/19/21						
	1																					
306		10/6/21	No losses	j.					10/13/21							10/20/21						
		10/7/21	No losses	;.					10/14/21							10/21/21						
		10/8/21		s during tran				I	10/15/21							10/22/21						
		10/9/21							10/16/21							10/23/21						
		10/10/21							10/17/21							10/24/21						
		10/9/21							10/16/21							10/23/21						

Report #5

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

TEL: (337) 394-1078

Operator				Contractor			County / Parish /	Block		Engineer Start	Date	24 hr f	tq.		Drilled D	epth	
MAGNOLI	A OIL	. & G	AS	PA	TERSO	N	-	HINGTO		=)4/21		0 ft	:		3,02	0 ft
Well Name and No. BIGHORN P	OL AINI	6 HU	2 BH	Rig Name ar	nd No. 248		State	EXAS		Spud Date	06/21	Curren	nt ROP	nr.	Activity	Skid	ria
Report for	LAIN	3 110	2 БП	Report for	240		Field / OCS-G #	_		Fluid Type	J0/2 I	Circula	ating Rate	ır	Circulatin		
Brandon Park	s / Ji	m Ha	arrison	To	ol Push	ner	GID	DINGS		O	вм		0 gp	m		ps	si
М	UD PR	OPER	TY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	PUN	/IP #1		PUMP	#2	RISE	R BC	OSTER
Weight PV	,	ΥP	E.S.	CaCl2	GELS	HTHP	In Pits	44	7 bbl	Liner Size	5.25	Line	r Size	5.25	Liner S	Size	
15-17 20-4	10 8	3-20	>500	±275K	<10 <15	<6	In Hole	280	0 bbl	Stroke	12	Str	oke	12	Strok	ке	
<u>'</u>	I		I	10/17/21			Active	44	7 bbl	bbl/stk	0.0763	bb	l/stk	0.0763	bbl/s	itk	0.0000
Time Sample Taken				0:30			Storage	e <u>160</u>	0 bbl	stk/min	0	stk	/min	0	stk/m	nin	
Sample Location				pit			Tot. on Lo	cation 232	7 bbl	gal/min	0	gal	/min	0	gal/m	nin	0
Flowline Temperatur	e °F							PHHP = 0		С	IRCULAT	ON DA	ΛTA		n = 0.	628 k	< = 223.367
Depth (ft)				3,020'			E	Bit Depth =	1		Washout	= 0%		Pum	o Efficie	ncy =	95%
Mud Weight (ppg)				9.6			Drill String	Volume	to Bit	0.0 bbl	Stroke	s To Bit	:		Time To	o Bit	
Funnel Vis (sec/qt)			@ 90 °F	52			Disp.	Bottoms U	Jp Vol.	0.0 bbl	Bottoms	Up Stks		Botte	omsUp T	Time	
600 rpm				34			0.0 bbl	Riser An	n. Vol.	0.0 bbl	Riser	Strokes		Ris	er Circ. T	Time	
300 rpm				22				DRILLIN	G ASS	EMBLY D	ATA			SOLIE	S CON	TROI	_
200 rpm				17			Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	ι	Jnit	Scree	ens	Hours
100 rpm				12			Drill Pipe				0'	0'	Sha	ıker 1	140)	0.0
6 rpm				6			Hevi Wt					0'	Sha	ıker 2	140)	0.0
3 rpm				5			Other Pipe					0'	Sha	ıker 3	140)	0.0
Plastic Viscosity (cp))		@ 150 °F	12			Dir. BHA					0'	Des	ander			
Yield Point (lb/100 ft	d Point (lb/100 ft²) T0 = 4 10 CASING & HOLE DATA										A		De	silter			
Gel Strength (lb/100	ength (lb/100 ft²) 10 sec/10 min 6/8 Casing OD (in.) ID (in.) Depth										Тор	Cent	rifuge 1			0.0	
Gel Strength (lb/100	ft ²)		30 min	9			Riser	20		1	108'		VOL	UME A	CCOUN	TING	(bbls)
HTHP Filtrate (cm/30	0 min)		@ 300 °F	9.4			Surface	10 3/4	9.9	950 3,	020'	108'	Pre	v. Total	on Loca	tion	280.1
HTHP Cake Thickne	ess (32n	nds)		2.0			Int. Csg.					108'	Tra	nsferred	In(+)/O	ut(-)	2047.0
Retort Solids Conter	nt			12.5%			Washout 1							0	il Added	l (+)	0.0
Corrected Solids (vo	l%)			10.2%			Washout 2							Barite	e Added	l (+)	0.0
Retort Oil Content				63.5%			Oper	n Hole Size	0.0	000 3,	020'		Othe	r Produc	t Usage	+)	0.0
Retort Water Conter	nt			24%			AN	NULAR GE	OME	TRY & RHE	OLOGY			Wate	r Added	l (+)	
O/W Ratio				73:27			annula	r me	eas.	velocity	flow	ECD		Left on	Cuttings	s (-)	0.0
Whole Mud Chloride	s (mg/L	.)		57,000			section	n de	epth	ft/min		b/gal			Centrif	uge	
Water Phase Salinity	(ppm)			271,360									Non-	Recover	able Vol	l. (-)	
Whole Mud Alkalinity	, Pom			2.5									Es	st. Total	on Loca	tion	2327.1
Excess Lime (lb/bbl)				3.3 ppb									Est.	_osses/0	Gains (-)	/(+)	0.0
Electrical Stability (v	olts)			465 v									E	BIT HYD	RAULIC	S DA	ATA
Average Specific Gra	avity of	Solids	3	2.83									Bit H.S	S.I. Bi	t ∆P I	Nozzle	es (32nds)
Percent Low Gravity	Solids			7.4%													
ppb Low Gravity Sol	ids			61 ppb									Bit Imp	act _{Ve}	zzle locity		
Percent Barite				2.8%									Forc	2	sec)		
ppb Barite				40 ppb			BIT D	ATA	Ма	nuf./Type							
Estimated Total LCN	1 in Sys	tem	ppb				Size	Depth In	Но	ours Fo	otage R0	OP ft/hr	Moto	r/MWD	Calc.	Circ.	Pressure
Sample Taken By				N. Dilly	0	0											
Remarks/Recommen OBM RECEIVEI Transferred 204 in casing from s Transferred all of	D: 214 7bls Ol urface	42bls BM fr interv	al.		30bls prel	oaded		time. Cut	_	n Peak HC W in activ		·					· .
Eng. 1: Patrick			•	ck Dilly 207-8848	WH 1:	MIDLA 432-686		WH 2:	WH #2	2 F	Rig Phone:		Daily T	otal	Cur	mulativ	e Cost
Phone: 936-465 W P Y E 0 0 1 0	-0952 C g 1 1	G 1	H O 2 1	Any opin	and may be	ecommenda used if the	ation, expresse user so elects his is a recomm	, however, no	repres			,	\$2,040	.00	\$1	6,38	0.81
							1	NOL LIDING		PARTY CH	IADOEC		\$2,040		1 -	16,38	

Date 10/17/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	IND NO.	H02 BH	Rig Name and No. 248		ort #5
	DAILY	USAGE 8	COST					СПМП	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	\$46.84 \$41.36		42 29	42 29			42	\$1,967.2
EVO-LUBE	gal	\$14.00		23	23				
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32		448	448				
LIME (50)	50# sk	\$5.88		398	398				
OPTI - G BENTONE 38 (50)	50# sk	\$32.44 \$152.93		80	80 68				
BENTONE 38 (50) BENTONE 910 (50)	50# sk 50# sk	\$152.93 \$55.55		68 35	35				
BENTONE 910 (50)	50# sk	\$88.61		56	56				
OPTI - MUL	gal	\$11.40		165	165				
OPTI - WET	gal	\$8.84		330	330				1
NEW PHALT	50# sk	\$38.72		158	158		† 1		
OIL SORB (25)	25# sk	\$4.75		47	47		 		
									<u>L</u>
NEW CARB (M)	50# sk	\$5.63		147	147				<u> </u>
CYBERSEAL	25# sk	\$24.40							ļ
MAGMAFIBER F (25)	25# sk	\$28.05		240	240				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL FIRE RILIO	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37		40	40				
NUT PLUG M (50)	50# sk	\$10.51		40	40				
MICA F (50)	50# sk	\$10.38		40	40				
GRAPHITE POWDER F (50)	50# sk	\$25.59		64	64				
NEW WATE (OAOK DADITE)	400# -1-	£40.70		00	00				
NEW WATE (SACK BARITE)	100# sk	\$10.73		80	80				
BARITE BULK (100)	100# sk	\$8.17		1600	1600				
									1
									1
									1
OPTI DRILL (OBM)	bbl	\$75.00	280	1862	2142				
Magnolia owned mud	bbl			185	185				
DISCOUNTED OBM	bbl	\$15.00							
							<u> </u>		ļ
							<u> </u>		ļ
							<u> </u>	<u> </u>	
							<u> </u>		
ENGINEEDING (04115)		0000					04.000.00	<u> </u>	ma ====
ENGINEERING (24 HR)	each	\$990.00				2			\$9,900.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	749	
ENGINEERING (MILES)	each	\$1.00					 	748	\$748.0
FORKLIFT WITH OPERATOR	oc sh	\$156.0F					 	1	\$156.2
FORKLIFT WITH OPERATOR Scale Ticket	each	\$156.25 \$15.00					 	2	
	each						+	-	
TRUCKING (cwt) TRUCKING (min)	each	\$2.48 \$812.50					 	1161	⊅∠,879.2
INDUNING ([[]][])	each	\$812.50					+	4.6	\$200.0
	acah	£4.7 L1.							
PALLETS (ea)	each each	\$12.50 \$12.50						16	
PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.50 \$12.50						16	_

Date	Operator			Well Name a	nd No.		Rig Name an	id No.	Report No.	
10/17/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	24	48	Repo	ort #5
	DAILY	USAGE 8	& COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57	7212	-7212						
Diesel 10-5-21	gal	\$2.63	7213	-7213						
Diesel Received 10-15-21	gal	\$2.70		2760	2760					
Diesel Received 10-15-21	gal	\$2.70		7200	7200					
										1
										1
	_	=								
	Cum	ulative Tota	II AES & 3rd	l Party \$16,	380.81					
						-				

OUTSOURCE FLUID SOLUTIONS LLC.

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

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					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21		10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
	Bate	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	illon	140	1100	1114		- Out	- Cuii	111011
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020							
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	-,							
Totals		3,020																				
-	Footage Drilled		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	New Hole Vol.		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,327	2,327	2,327	2,327	2,327	2,327	2,327
-	Chemical Additions												-									
	Base Fluid Added												-									
	Barite Increase			205										0.047								
·	Weighted Mud Added			285									-	2,047								
-	Slurry Added												-									
-	Water Added																					
	Added for Washout																					
2,332		-	-	285	-	-	-	-	-	-	-	-	-	2,047	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
-	Mud Loss to Cuttings																					
26	Unrecoverable Volume				26																	
-	Centrifuge Losses																					
26	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-				
2,573	Mud Transferred Out			154	2,419																	
2,327	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,327	2,327	2,327	2,327	2,327	2,327	2,327	2,327
-	Mud Recovered																					
				_	omment	· ·					_	omment	· ·						omment	· ·		
					Omment	3.					U	Omment	s.						omment	s.		
	_	10/5/21	Received 2	2594bls fro	m Rommel	pad.			10/12/21							10/19/21						
2,353		10/6/21	No losses.						10/13/21							10/20/21						
	-	10/7/21	No losses.						10/14/21							10/21/21						
		10/8/21	Lost 26bls displaceme OBM to the	ent of ceme	ent for surfa	ace casing.	Transferre		10/15/21							10/22/21						
		10/9/21							10/16/21							10/23/21						
		10/10/21											the HO4 to		80bls	10/24/21						
		10/11/21							10/18/21							10/25/21						

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

16.3° 6,748' TVD

Operator MAGNOL Well Name and No.	LIA O	IL & (GAS	Contractor PAT Rig Name an	TERSO	ON	County / Parish / WASH	Block	N	Engineer Star 10/ Spud Date	rt Date /04/21	24 hr f	ftg. 3,952 ft nt ROP		Drilled [Depth 6,98	0 ft	
BIGHORN	PLAI	NS H	02 BH		248		TE	EXAS		10/	06/21		461 ft/h	٢	D	RILI		3
Report for Brandon Pai	rke /	lim H	arrison	Report for	ol Pusl	her	Field / OCS-G #	DINGS		Fluid Type	ВМ		ating Rate 820 gpn			ing Pres ,380		:i
			RTY SPECIF					LUME (BE	SI)		MP #1		PUMP #2			ER B(•	
	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	•	0 bbl	Liner Size		25 Line		25	Liner			
3 '	-40	8-20	>500	±275K	<10 <15	<6	In Hole		B bbl	Stroke	1			2	Stro			
			1	10/18/21		10/17/21	Active		8 bbl	bbl/stk	0.0			763	bbl/		0.0	000
Time Sample Take	en			0:30		15:30	Storage		00 bbl	stk/min	12			28	stk/i	min		
Sample Location				pit		suction	Tot. on Loc	cation 239	ldd 8	gal/min	41	IO gal	l/min 4	10	gal/i	min	(0
Flowline Temperate	ure °F			132 °F		110 °F	F	PHHP = 209	97	(CIRCUL	ATION DA	ATA		n = 0	.632	K = 19	97.766
Depth (ft)				6,703'		3,830'	Bit I	Depth = 6,9	980 '		Wash	out = 0%		Pump	Efficie	ency =	95%	ó
Mud Weight (ppg)				9.2		9.0	Daill Chain a	Volume	e to Bit	119.9 bb	ol Str	okes To Bit	1,571		Time 7	Γο Bit	6 n	min
Funnel Vis (sec/qt)			@ 121 °F	46		48	Drill String Disp.	Bottoms U	Jp Vol.	478.1 bb	ol Botto	msUp Stks	6,266	Bottor	nsUp	Time	24	min
600 rpm				31		25	57.2 bbl	Riser Anı	n. Vol.	-2.6 bbl	Ri	ser Strokes	-34	Riser	Circ.	Time	0 n	min
300 rpm				20		17		DRILLING	G ASS	SEMBLY D	DATA		s	OLIDS	CON	NTRO	L	
200 rpm				16		15	Tubulars	OD (in.)	ID	(in.) L	ength.	Тор	Unit		Scre	ens	Но	urs
100 rpm				12		12	Drill Pipe	5.000	4.:	276 6	6,341'	0'	Shake	· 1	14	10	18	3.0
6 rpm				6		5	Hevi Wt	5.000	3.	800	334'	6,341'	Shake	. 2	14	10	18	3.0
3 rpm				5		4	Collars	6.500	2.	750	190'	6,675'	Shake	. 3	14	10	18	3.0
Plastic Viscosity (c	p)		@ 150 °F	11		8	Collars	8.000	3.	250	115'	6,865'	Desand	der				
Yield Point (lb/100	ft²)		T0 = 4	9		9		CASIN	NG & H	HOLE DAT	ГА		Desilte	er				
Gel Strength (lb/10	00 ft²)	10	sec/10 min	6/7		5/8	Casing	OD (in.)	ID	(in.) [Depth	Тор	Centrifuç	ge 1			0.	.0
Gel Strength (lb/10	00 ft ²)		30 min	9		9	Riser	20			108'		VOLUN	IE AC	COU	NTING	(bb	ls)
HTHP Filtrate (cm/	'30 min)	@ 300 °F	8.4		9.0	Surface	10 3/4	9.	950 3	3,020'	108'	Prev. 7	otal or	n Loc	ation	23	327.1
HTHP Cake Thickr	ness (3	2nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred Ir	n(+)/C	Out(-)		
Retort Solids Conte	ent			9.6%		10%	Washout 1							Oil	Adde	d (+)	3	321.7
Corrected Solids (v	/ol%)			7.3%		7.6%	Washout 2							Barite	Adde	d (+)		0.0
Retort Oil Content				63.5%		64%	Oper	Hole Size	9.	875 6	6,980'		Other P	roduct	Usag	e (+)		8.0
Retort Water Conte	ent			26.9%		26%	ANI	NULAR GE	EOME.	TRY & RH	IEOLOG	Υ	,	Water	Adde	d (+)		3.3
O/W Ratio				70:30		71:29	annular	· me	eas.	velocity	flow	ECD	Le	ft on C	Cutting	gs (-)	-2	262.1
Whole Mud Chlorid	des (mg	g/L)		58,000		61,000	section	de	epth	ft/min	reg	lb/gal		(Centri	ifuge		
Water Phase Salin	ity (ppr	m)		252,672		268,951	0x5	1	08'	-804.4		9.57	Non-Red	coveral	ole Vo	ol. (-)		
Whole Mud Alkalin	ity, Por	m		2.1		2.5	9.95x5	3,0	020'	271.7	turb	9.78	Est. 7	otal o	n Loc	ation	23	398.1
Excess Lime (lb/bb	ol)			2.7 ppb		3.3 ppb	9.875x5	6,3	341'	277.3	turb	9.97	Est. Los	ses/Ga	ains (-	-)/(+)		0.0
Electrical Stability ((volts)			393 v		410 v	9.875x5	6,6	675'	277.3	turb	10.32	BIT	HYDR	AULI	CS D	ATA	
Average Specific G	avity	of Solid	ls	2.88		2.46	9.875x6.	5 6,8	865'	363.9	turb	10.68	Bit H.S.I.	Bit A	ΔΡ	Nozzl	es (32	2nds)
Percent Low Gravit	ty Solic	ds		5.1%		7.1%	9.875x8	6,9	980'	600.0	turb	11.08	1.60	257	psi	14	14	14
ppb Low Gravity So	olids			42 ppb		58 ppb							Bit Impact	Noz Velo		14	14	14
Percent Barite				2.2%		0.5%							Force	(ft/s	-	16	16	16
ppb Barite				32 ppb		7 ppb	BIT D	ATA	Ма	anuf./Type	Ulte	erra PDC	690 lbs	17	7			
Estimated Total LC	CM in S	ystem	ppb				Size	Depth In	Но	ours F	ootage	ROP ft/hr	Motor/M	WD	Calc	Circ.	Pres	sure
Sample Taken By		N. Dilly	0	M Washburn	9 7/8	3,020 ft	1:	5.0 3	,952 ft	263.5	2,691	psi		4,380	psi			
Remarks/Recomme					Rig Activity:													

OBM RECEIVED: 2142bls

PLAN FORWARD: TD Intermediate section and POOH.

Staging MW up to 9.8ppg by TD starting at 6,400'.

Treating active system with maintenance amounts of Lime, Opti-G, CaCl, Mul, WA, and Bentone 910/990.

Maintaining MW with diesel additions.

Pick up BHA TIH. Drill cement and float equipment from 2,927' to 3,030' (10' new formation). Circulate bottoms up maintaining a consistant 8.8ppg mud wt. Perform FIT test to 11.6 EMW. Drilling ahead at 6,980' pumping 10bbl hi-vis sweeps every 300' at report time. Weighed up to 9.2ppg before entering Midway formation. Weill weigh up to 9.4 before entering Navarro and continue to weigh up to 9.8ppg by TD. ROP 461'/hr. MWD Temp 194 F.

	ng. 1:			ashbi			ng. 2:		ck Dilly 207-8848	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 0	P 0	Y 1	E 0	C 0	g 1	G 1	H 2	O 1	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	\$8,018.82	\$24,399.63
												INCLUDI	NG 3RD PAR	TY CHARGES	\$44,153.57	\$60,534.38

	Operator MAGI	NOLIA OIL	& GAS	Well Name a BIGHOR	NO.	H02 BH	Rig Name and 24		ort #6
	DAILY	USAGE 8	COST					СИМИ	LATIVE
			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42			42	\$1,967.2
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	448		448				
LIME (50)	50# sk	\$5.88	398	200	500	98	\$576.24	98	\$576.2
OPTI - G	50# sk	\$32.44	80	160	240				
BENTONE 38 (50)	50# sk	\$152.93	68		68				
BENTONE 910 (50)	50# sk	\$55.55	35	40	64	11	\$611.05	11	\$611.0
BENTONE 990 (50)	50# sk	\$88.61	56	40	80	16	\$1,417.76	16	\$1,417.7
OPTI - MUL	gal	\$11.40	165	660	715	110	- '	110	
OPTI - WET	gal	\$8.84	330	440	660	110	\$972.40	110	
NEW PHALT	50# sk	\$38.72	158	1.0	158	1.10	-5. <u>-</u> . 10	110	Ψ0, 2.7
OIL SORB (25)	25# sk	\$4.75	47		47				†
	20# 31	ψ4.13	77		71				
	+								1
									-
NEW CARR (NA)	50	0= ==							
NEW CARB (M)	50# sk	\$5.63	147		147				
CYBERSEAL	25# sk	\$24.40							-
MAGMAFIBER F (25)	25# sk	\$28.05	240		240				
MAGMAFIBER R (30)	30# sk	\$28.05							ļ
VARISEAL	50# sk	\$26.50							ļ
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1600		1600	_			
	bel.	\$75.00	24.40		2440				
OPTI DRILL (OBM)	bbl	\$75.00	2142		2142				
Magnolia owned mud	bbl		2142		2142				
		\$75.00 \$15.00							
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud	bbl								
Magnolia owned mud DISCOUNTED OBM	bbl					2	\$1,980.00	12	\$11,880.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR)	bbl bbl	\$15.00 \$1990.00							
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$15.00 \$15.00 \$990.00 \$30.00				2 2 2	\$1,980.00	12	\$360.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl	\$15.00 \$1990.00							\$360.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00						12 748	\$360.0 \$748.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00						12 748	\$360.0 \$748.0 \$156.2
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00				2	\$60.00	12 748 1 2	\$360.0 \$748.0 \$156.2 \$30.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt)	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48						12 748	\$360.0 \$748.0 \$156.2 \$30.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each bbl each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50				311	\$60.00 \$772.37	12 748 1 2	\$360.0 \$748.0 \$156.2 \$30.0 \$3,651.6
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48				311	\$60.00 \$772.37 \$187.50	12 748 1 2 1472	\$360.0 \$748.0 \$156.2 \$30.0 \$3,651.6
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50				311	\$60.00 \$772.37 \$187.50	12 748 1 2 1472	\$748.0 \$156.2 \$30.0 \$3,651.6

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/18/21	MAG	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	24	48	Repo	rt #6
	DAILY	USAGE 8	k COST						CUMUL	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70	2632			2632	\$7,106.40		2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70	7200				\$19,440.00			\$19,440.00
Diesel Received 10-17-21	gal	\$2.77		7200	3740	3460			—	\$9,588.35
	3	,					, , , , , , , , ,			
							1			i
										1
										1
										1
										_
	l	<u> </u>	<u> </u>	l .					4	
					Daily Su	ub-Total \$3	6,134.75		\$36,1	34.75
								•		
	Cum	ulative Tota	I AES & 3rd	Party \$60,	534.38					
				, +-0,						

OUTSOURCE FLUID SOLUTIONS LLC.

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

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					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8							
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980						
	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	0,000						
		<u> </u>	<u> </u>															-				
•	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	3,960	-	-	-	-	-	-	-
1	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	375	-	-	-	-	-	-	-
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,398	2,398	2,398	2,398	2,398	2,398
	Chemical Additions														8							
	Base Fluid Added														322							
-	Barite Increase																					
	Weighted Mud Added			285										2,047								
	Slurry Added																					
3	Water Added														3							
-	Added for Washout																					
2,665	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
262	Mud Loss to Cuttings														262							
	Unrecoverable Volume				26																	
-	Centrifuge Losses																					
288	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	-	-	-	-	-	-	-
2,573	Mud Transferred Out			154	2,419																	
2,398	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,398	2,398	2,398	2,398	2,398	2,398	2,398
-							•											,	,			
	Mud Recovered													-			•	,	,			
	Mud Recovered			С	omments	s:					C	omment	s:				,		omments	s:		
	Mud Recovered			С	omments	s:					C	omment	s:				,			s:		
	Mud Recovered	10/5/21	Received 2						10/12/21		C	omment	s:			10/19/21				s:		
	Mud Recovered	10/5/21	Received 2						10/12/21		C	omment	s:			10/19/21				s:		
	Mud Recovered			2594bls fro							C	omment	s:							s:		
2,353	Mud Recovered		Received 2	2594bls fro					10/12/21		C	omment	s:			10/19/21	•			s:		
2,353	Mud Recovered	10/6/21	No losses.	2594bls fro					10/13/21		C	omment	s:			10/20/21				s:		
2,353	Mud Recovered	10/6/21		2594bls fro							Co	omment	s:							s:		
2,353	Mud Recovered	10/6/21	No losses. No losses. Lost 26bls	2594bls fro	m Rommel	pad.			10/13/21		C	omment	s:			10/20/21				s:		
2,353	Mud Recovered	10/6/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21		Co	omment	s:			10/20/21				s:		
2,353	Mud Recovered	10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21 10/14/21 10/15/21		C	omment	s:			10/20/21 10/21/21 10/22/21				s:		
2,353	Mud Recovered	10/6/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21		C	omment	s:			10/20/21				s:		
2,353	Mud Recovered	10/6/21 10/7/21 10/8/21 10/9/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21 10/14/21 10/15/21 10/16/21		d 2047bls (DBM from	the HO4 to		80bls	10/20/21 10/21/21 10/22/21 10/23/21				s:		
2,353	Mud Recovered	10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21 10/14/21 10/15/21 10/16/21		d 2047bls (DBM from			80bls	10/20/21 10/21/21 10/22/21				s:		
2,353	Mud Recovered	10/6/21 10/7/21 10/8/21 10/9/21	No losses. No losses. Lost 26bls displacement	during tran	m Rommel	pad. to/from mu	Transferre		10/13/21 10/14/21 10/15/21 10/16/21	alreadty pi	d 2047bls (e-loaded in	DBM from from from seasons from the case of the case o	the HO4 to	nterval.	80bls	10/20/21 10/21/21 10/22/21 10/23/21				s:		

OUTSOURCE FLUID SOLUTIONS LLC.

17.8°

9,562' TVD

TEL: (337) 394-1078

Operator MAGI Well Name and No	NOLIA (OIL &	GAS	Contractor PAT Rig Name an	TTERSO	ON	County / Parish / WASH	Block HINGT(ON	Engineer Sta 10 Spud Date	art Date /04/21	24 hr	1,860 ft	:	9,8	40 ft
	RN PLA	NS H	02 BH		248			EXAS			/06/21		40 ft/hr		Dri	illing
Report for Brandon	Dorke	/ lim L	Jarrican	Report for	ol Pusi	hor	Field / OCS-G #	DINGS		Fluid Type	ОВМ	Circu	ating Rate 865 gpn		irculating P	ressure 20 psi
Brandon			RTY SPECIF			ICI	MUD VO				JMP #1		PUMP #2			BOOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		00 bbl	Liner Siz		25 Line		-	iner Size	
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole		50 bbl	Stroke				12	Stroke	,
	-0 10	0 =0	1 200	10/19/21		10/18/21	Active		150 bbl	bbl/stk				763	bbl/stk	0.0000
Time Sample	Taken			0:30		14:00	Storage		00 bbl	stk/mir	13	35 stl	c/min 1	35	stk/min	
Sample Locati	ion			pit		suction	Tot. on Loc			gal/mir	n 43	33 ga	l/min 4	33	gal/min	0
Flowline Temp	perature °F	=		163 °F		160 °F	F	PHHP = 2	686		CIRCUL	ATION D	ATA	lr	n = 0.670) K = 172.08
Depth (ft)				9,789'		9,548'	Bit [Depth = 9	9,840 '		Wash	out = 0%		Pump E	fficiency	' = 95%
Mud Weight (p	opg)			9.8		9.6	Drill String	Volun	ne to Bit	170.7 b	bl Sti	okes To Bi	t 2,237	Т	me To B	t 8 min
Funnel Vis (se	ec/qt)		@ 152 °F	43		55	Disp.	Bottoms	Up Vol.	679.6 b	bl Botto	msUp Stks	s 8,906	Bottom	sUp Time	e 33 min
600 rpm				35		36	75.8 bbl	Riser A	ınn. Vol.	-2.6 bb	ol Ri	ser Strokes	s -34	Riser	Circ. Time	e 0 min
300 rpm				22		24		DRILLI	NG ASS	SEMBLY	DATA		S	OLIDS	CONTR	OL
200 rpm				17		20	Tubulars	OD (in.) ID	(in.)	Length	Тор	Unit		Screens	Hours
100 rpm				12		14	Drill Pipe	5.000	4.	276	9,201'	0'	Shake	r 1	140	24.0
6 rpm				6		7	Hevi Wt	5.000	3.	800	334'	9,201'	Shake	r 2	140	24.0
3 rpm				5		6	Collars	6.500	2.	750	190'	9,535'	Shake	r 3	140	24.0
Plastic Viscos	ity (cp)		@ 150 °F	13		12	Collars	8.000	3.	250	115'	9,725'	Desand	der		
Yield Point (lb.	/100 ft²)		T0 = 4	9		12		CAS	ING & I	HOLE DA	TA		Desilt	er		
Gel Strength (Ib/100 ft²)	10	0 sec/10 min	6/7		6/8	Casing	OD (in.) ID	(in.)	Depth	Тор	Centrifu	ge 1		0.0
Gel Strength ((lb/100 ft ²)		30 min	9		9	Riser	20			108'		VOLUM	ME ACC	OUNTIN	IG (bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	6.4		7.4	Surface	10 3/4	9.	950	3,020'	108'	Prev.	Fotal on	Location	2398.
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred In	(+)/Out(-)
Retort Solids (Content			12.6%		12.2%	Washout 1							Oil A	dded (+) 209.
Corrected Sol	ids (vol%)			10.5%		9.9%	Washout 2							Barite A	dded (+) 13.
Retort Oil Con	ntent			65.1%		64.4%	Oper	n Hole Siz	ze 9.	875	9,840'		Other P	roduct L	Jsage (+) 31.
Retort Water	Content			22.3%		23.4%	ANI	NULAR (SEOME	TRY & RI	HEOLOG	Υ		Water A	dded (+) 22.
O/W Ratio				74:26		73:27	annular	r r	neas.	velocit	y flow	ECD	Le	eft on Cu	uttings (-) -325.
Whole Mud C	hlorides (n	ng/L)		53,000		58,000	section	1 (depth	ft/min	reg	lb/gal		С	entrifuge	e
Water Phase	Salinity (p	pm)		271,500		279,887	0x5	•	108'	-848.4		9.83	Non-Red	coverab	le Vol. (-)
Whole Mud Al	lkalinity, P	om		3.0		3.3	9.95x5	3	3,020'	286.6	turb	10.07	Est.	Total on	Location	2350.
Excess Lime ((lb/bbl)			3.9 ppb		4.3 ppb	9.875x5	5 9	9,201'	292.5	turb	10.09	Est. Los	ses/Ga	ns (-)/(+) 0.
Electrical Stab	oility (volts))		488 v		460 v	9.875x5	5 9	9,535'	292.5	turb	10.12	BIT	HYDRA	ULICS	DATA
Average Spec	cific Gravity	y of Solid	ds	3.09		2.90	9.875x6.	.5 9	9,725'	383.8	turb	10.16	Bit H.S.I.	Bit ∆	P Noz	zles (32nds
Percent Low 0	Gravity Sol	lids		6.1%		6.8%	9.875x8	3 9	9,840'	632.8	turb	10.22	2.00	304	osi 14	14 14
ppb Low Grav	ity Solids			50 ppb		56 ppb							Bit Impact	Nozz		14 14
Percent Barite)			4.4%		3.1%							Force	Veloc (ft/se	-	16 16
ppb Barite				63 ppb		44 ppb	BIT D	ATA	Ma	anuf./Type	e Ulte	erra PDC	818 lbs	186	<u> </u>	
Estimated Tot	al LCM in	System	ppb				Size	Depth I	n Ho	ours F	ootage	ROP ft/h	Motor/M	WD	Calc. Cir	c. Pressur
Sample Taker	By			N. Dilly	0	M Washburn	9 7/8	3,020 f	t 3	9.0	6,812 ft	174.7	2,764	psi	5,32	20 psi

Remarks/Recommendations:

OBM RECEIVED: 2142bls

PLAN FORWARD: TD Intermediate section and POOH.

Staged MW up to 9.8ppg before entering Austin Chalk.

Treating active system with maintenance amounts of Lime, Opti-

G, CaCl, Mul, WA, and Bentone 910/990.

Maintaining MW with diesel & water additions.

Rig Activity:

Drill F/6,980' T/9,840' pumping 10bbl hi-vis sweeps every 300' (KOP @ 9,400').

Drill/slide ahead building curve (100% sliding) at report time. Weighed up to 9.6ppg before entering Pecan Gap formation and 9.8 before entering Austin Chalk. Adding diesel and Optiwet for oil wetting of solids, density control, and for volume. Adding lime for alkalinity, OPTIMUL for ES, CaCl for inhibition, and Newphalt/OptiG for HTHP control and wellbore stabilization. Current ROP 40'/hr sliding. MWD Temp 243 F

Er	ng. 1:	Mil	ke W	ashbı	urn	Er	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pł	none:	36	61-94	15-57	77	Pł	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 0	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	carefully	and may be	ecommendation, exp e used if the user so lation, and this is a r	elects, however	, no representation	nas been prepared on is made as to the	\$18,900.10	\$43,299.73
												INCLUD	ING 3RD PAR	TY CHARGES	\$41,248.94	\$101,779,17

Date 10/19/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a BIGHOR	ING NO.	H02 BH	Rig Name and 24		ort #7
	DAILY	USAGE 8	COST					CUMI	JLATIVE
ltana	Umit	Unit Coot	Previous	Dessived	Closing	Daily	Daily Cast	Cum	Cum Caa
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42			4	2 \$1,967.28
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	29		29				
NEW GEL (PREMIUM)	gal 100# sk	\$14.00							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
ALGINIIVGIN TRIGITEAUXITE	20# 31	ψ01.10							
CACL2 (50)	50# sk	\$14.32	448		364	84	\$1,202.88	8	<u> </u>
LIME (50)	50# sk	\$5.88	500		375	125	\$735.00	22	<u> </u>
OPTI - G	50# sk	\$32.44	240		160	80	\$2,595.20	8	\$2,595.20
BENTONE 38 (50)	50# sk	\$152.93	68		68				
BENTONE 910 (50)	50# sk	\$55.55	64		60	<u>4</u>	\$222.20	1	
BENTONE 990 (50) OPTI - MUL	50# sk	\$88.61 \$11.40	80 715		74 330	385	\$531.66 \$4,389.00	49	
OPTI - WOL	gal gal	\$8.84	660		330	330	\$2,917.20	49	_
NEW PHALT	50# sk	\$38.72	158		90	68	\$2,632.96	6	
OIL SORB (25)	25# sk	\$4.75	47		47	55	Ţ_,00 _ .00		+=,002.00
. ,		1							
		İ							
NEW CARB (M)	50# sk	\$5.63	147		147				
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	240		240				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37	40		40				
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50) GRAPHITE POWDER F (50)	50# sk	\$10.38 \$25.59	40 64		40 64				
GRAPHITE POWDER F (50)	50# SK	\$25.59	04		04				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1600		1400	200	\$1,634.00	20	\$1,634.00
								<u> </u>	1
								 	
OPTI DRILL (OBM)	bbl	\$75.00	2142		2142			<u> </u>	
Magnolia owned mud	bbl	ψ, σ.σσ	185		185				
DISCOUNTED OBM	bbl	\$15.00	100		.55				
-		J. 3.00							
					1				
		İ							
ENGINEEDING (CALLET							04.555	<u> </u>	4 6
ENGINEERING (24 HR)	each	\$990.00				2			4 \$13,860.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl	\$30.00 \$1.00				2	\$60.00	74	_
LINGINEERING (MILES)	each	\$1.00						74	8 \$748.00
	each	\$156.25						 	1 \$156.25
EORKI IET WITH ODEDATOR	eacn								2 \$30.00
FORKLIFT WITH OPERATOR Scale Ticket	Aach	*151111		1			i	1	_ ψου.υι
Scale Ticket	each each	\$15.00 \$2.48						1.47	2 \$3,651,66
Scale Ticket TRUCKING (cwt)	each	\$2.48						147	2 \$3,651.65
Scale Ticket								147	
Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each	\$2.48 \$812.50							1 \$387.50

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/19/21	MAG	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	24	18	Repo	ort #7
	DAILY	USAGE 8	& COST						CUMUL	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								·
Diesel 10-5-21	gal	\$2.63								·
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77	3740			3740	\$10,359.80		7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76		7000	2650	4350	\$11,989.04		4350	\$11,989.04
Diesel Received 10-18-21	gal	\$2.76		7000	7000					
										<u></u>
										<u> </u>
										<u> </u>
										<u> </u>
										i
					Daily Su	ıb-Total \$2	2,348.84		\$58,4	79.44
	<u> </u>							-		
	Cumu	ılative Tota	I AES & 3rd	Party \$101	,779.17					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: 2

Well Name:

MAGNOLIA OIL & GAS

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8	9 7/8						
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840					
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840						
	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	3,960	2,860	_	-	_	-	_	_
	New Hole Vol.			_	_	-	_	_	_	_	_	_	_	_	375	271	_	_	_	_	_	_
040	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,350	2,350	2,350	2,350	2,350
30	Chemical Additions	2,004	2,00	2,004	2,120	200	200	200	200	200	200	200	200	200	8	31	2,000	2,000	2,000	2,000	2,000	2,000
	Base Fluid Added														322	209						
14																14						
	Weighted Mud Added			285										2,047								
-,,,,,	Slurry Added													_, -,								
26	<u> </u>														3	23						
-	Added for Washout																					
2,942	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	-	-	-	-	-	-
	Surface Losses													,-								
	Formation Loss								1													
587	Mud Loss to Cuttings														262	325						
26	Unrecoverable Volume				26										202	020						
	Centrifuge Losses				20																	
							1															
613	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	-	-	-	-	-	-
2 573	Mud Transferred Out			154	2,419																	
2,010				101	2,110		<u> </u>		l l													l
•	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,350	2,350	2,350	2,350	2,350	2,350
<i>'</i>		2,594	2,594			280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,350	2,350	2,350	2,350	2,350	2,350
,	Ending System Volume	2,594	2,594	2,725	280		280	280	280	280				2,327	2,398	2,350	2,350		·		2,350	2,350
,	Ending System Volume	2,594	2,594	2,725			280	280	280	280		280 Comment		2,327	2,398	2,350	2,350		2,350 omments		2,350	2,350
,	Ending System Volume			2,725	280 omments	5:	280	280	10/12/21	280				2,327	2,398			С	·	5:		2,350
•	Ending System Volume			2,725 C	280 omments	5:	280	280		280				2,327	2,398			С	omments	5:		2,350
<i>'</i>	Ending System Volume	10/5/21		2,725 Co 2594bls from	280 omments	5:	280	280		280				2,327	2,398			С	omments	5:		2,350
2,350	Ending System Volume	10/5/21	Received	2,725 Co 2594bls from	280 omments	5:	280	280	10/12/21	280				2,327	2,398	10/19/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21	Received :	2,725 Co	280 omments	5:	280	280	10/12/21	280				2,327	2,398	10/19/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21	Received	2,725 Co	280 omments	5:	280	280	10/12/21	280				2,327	2,398	10/19/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21	Received : No losses. No losses. Lost 26bls	2,725 Co	280 omments m Rommel sportation t	pad.	d plant and		10/12/21 10/13/21 10/14/21	280				2,327	2,398	10/19/21 10/20/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21	No losses. No losses. Lost 26bls displacem	2,725 Co	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21	280				2,327	2,398	10/19/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21 10/15/21	280				2,327	2,398	10/19/21 10/20/21 10/21/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21	280				2,327	2,398	10/19/21 10/20/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21 10/15/21		C	Comment	s:			10/19/21 10/20/21 10/21/21 10/22/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21 10/15/21	Transferre	d 2047bls	Comment	s:	the HO2. 2		10/19/21 10/20/21 10/21/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21 10/8/21 10/9/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21 10/15/21 10/16/21	Transferre alreadty pr	d 2047bls e-loaded ii	OBM from to	s: the HO4 to m surface	the HO2. 20 interval.		10/19/21 10/20/21 10/21/21 10/22/21 10/23/21		С	omments	5:		2,350
2,350	Ending System Volume	10/5/21 10/6/21 10/7/21 10/8/21	No losses. No losses. Lost 26bls displacem	2,725 Contact of the contact of the	280 comments m Rommel sportation tent for surfa	pad.	d plant and		10/12/21 10/13/21 10/14/21 10/15/21	Transferre alreadty pr	d 2047bls e-loaded ii	OBM from to	s: the HO4 to m surface	the HO2. 20 interval.		10/19/21 10/20/21 10/21/21 10/22/21		С	omments	5:		2,350

Report #9

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

TEL: (337) 394-1078

Operator MAG	NOLIA (OIL & C	GAS	Contractor PA	TERSO	ON	County / Parish /		ON	Engineer Sta	rt Date /04/21	24 hr	ftg. O ft	:	Drilled	Depth 9,92	28 ft
Well Name and No	RN PLA	NNS H	02 BH	Rig Name ar	nd No.		State	EXAS		Spud Date	/06/21	Curre	nt ROP Oft/h	nr	Activity		ВОР
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate			ting Pre	_
Brandon	Parks /	Jim H	arrison	То	ol Pusi	ner	GID	DING	S	C	BM		0 gpi	m		р	si
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BBL)	PU	MP #1		PUMP	#2	RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		577 bbl	Liner Siz	e 4.	75 Line	er Size	4.75	Line	r Size	
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole		451 bbl	Stroke	1	2 St	roke	12	Str	oke	
				10/21/21		10/20/21	Active	:	577 bbl	bbl/stk	0.0	625 bt	ol/stk	0.0625	bbl	l/stk	0.0000
Time Sample	Taken			0:30		14:00	Storage	• <u>1</u>	454 bbl	stk/min	() stł	c/min	0	stk	/min	
Sample Locati	on			pit		suction	Tot. on Lo	cation 2	482 bbl	gal/min	() ga	l/min	0	gal	/min	0
Flowline Temp	erature °F	=						PHHP :	= 0	-	CIRCUL	ATION D	ATA		n = (0.695	K = 140.295
Depth (ft)				9,928'		9,928'	E	Bit Depth) = '		Wash	out = 0%		Pun	np Effici	iency =	= 95%
Mud Weight (բ	opg)			9.2		9.8	Drill String	Volu	me to Bit	0.0 bbl	Str	okes To Bi	t		Time	To Bit	
Funnel Vis (se	ec/qt)		@ 135 °F	45		50	Disp.	Bottom	s Up Vol.	0.0 bbl	Botto	msUp Stks	3	Bot	tomsUp	Time	
600 rpm				34		35	0.0 bbl	Riser	Ann. Vol.	0.0 bbl	Ri	ser Strokes	5	Ri	ser Circ.	Time	
300 rpm				21		22		DRILL	ING ASS	SEMBLY [DATA			SOLI	DS CO	NTRO	L
200 rpm				15		16	Tubulars	OD (ir	n.) ID	(in.) L	ength	Тор	U	Jnit	Scre	eens	Hours
100 rpm				11		13	Drill Pipe				0'	0'	Sha	ıker 1	20	00	
6 rpm				6		6	Hevi Wt					0'	Sha	ker 2	20	00	
3 rpm				5		5	Collars					0'	Sha	iker 3	20	00	
Plastic Viscos	ity (cp)		@ 150 °F	13		13	Collars					0'	Des	ander			
Yield Point (lb.	/100 ft²)		T0 = 4	8		9		CAS	SING & I	HOLE DA	ГА		Des	silter			
Gel Strength (lb/100 ft ²)	10	sec/10 min	5/7		5/8	Casing	OD (ir	n.) ID	(in.)	Depth	Тор	Centr	ifuge 1			
Gel Strength (lb/100 ft ²)		30 min	9		10	Riser	20			108'		VOL	UME A	CCOU	NTING	G (bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.2		7.4	Surface	10 3/-	4 9.	.950	3,020'	108'	Pre	v. Tota	on Loc	ation	2475.1
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875	9,920'	108'	Trar	nsferred	d In(+)/0	Out(-)	
Retort Solids (Content			10%		12.8%	Washout 1							(Dil Adde	ed (+)	45.9
Corrected Sol	ds (vol%)			7.9%		10.6%	Washout 2							Bari	te Adde	ed (+)	0.0
Retort Oil Con	tent			68%		65%	Oper	n Hole S	ize 0.	.000	9,928'		Other	r Produ	ct Usaç	ge (+)	0.0
Retort Water	Content			22%		22.2%	ANI	NULAR	GEOME	TRY & RI	IEOLOG	Υ		Wat	er Adde	ed (+)	13.5
O/W Ratio				76:24		75:25	annulai		meas.	velocity		ECD		Left or	Cuttin	gs (-)	0.0
Whole Mud C	nlorides (n	ng/L)		52,000		55,500	section	1	depth	ft/min	reg	lb/gal			Centi	rifuge	-18.0
Water Phase	Salinity (p	pm)		270,413		281,620							Non-F	Recove	rable V	ol. (-)	-35.0
Whole Mud Al	kalinity, P	om		2.6		2.3							Es	st. Tota	on Loc	ation	2481.5
Excess Lime (lb/bbl)			3.4 ppb		3 ppb							Est. L	_osses/	Gains ((-)/(+)	0.0
Electrical Stab	oility (volts))		420 v		468 v							Е	BIT HYI	DRAUL	ICS D	ATA
Average Spec	ific Gravity	y of Solid	s	2.92		3.04							Bit H.S	S.I. E	Bit ∆P	Nozz	les (32nds)
Percent Low 0	Gravity Sol	lids		5.3%		6.4%											
ppb Low Grav	ity Solids			44 ppb		53 ppb							Bit Impa	act _V ,	ozzle elocity		
Percent Barite	!			2.6%		4.1%							Force	2	t/sec)		
ppb Barite				37 ppb		59 ppb	BIT D	ATA	Ma	anuf./Type	Ulte	erra PDC					
Estimated Tot	al LCM in	System	ppb				Size	Depth	In Ho	ours F	ootage	ROP ft/hi	Motor	r/MWD	Calc	c. Circ.	Pressure
Sample Taker	в Ву			C. Beasley	0	M Washburn											
Remarks/Reco	mmendatio	one:					Ria Activity:										

OBM RECEIVED: 2142bls

PLAN FORWARD: Run Intermediate casing to TD and cement

same.

No treatment while running casing.

Maintaining MW at 9.8ppg in active with diesel additions.

Used 50bls of diesel to cut back OBM in frac tank to 9.1ppg for

cement displacement.

Rig Activity:

Run 7-5/8" 29.7# P-110 intermediate casing to 9920'. Circulate 1.5 X casing capacity with full returns. Transfer 450 bbls active surface volume to frac tanks, rig up cementers and test lines to 4000PSI, pump 50 bbls 10.0# spacer then 292 bbls lead @ 11.8#, followed by 78 bbls tail cement at 16.2#, drop top plug and displace cement with 451 bbls of 9.1# OBM from frac tanks, discharge 35 bbls of spacer interface at surface. Processed active surface volume adding diesel and centrifuging from 9.8# to 9.2# Currently Testing BOPS. Shaker screens replaced with 200's on all shakers.

Е	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
P	hone:	3	61-94	5-57	77	Pł	hone:	903-7	747-5377	Phone:	432-686-7361	Phone:	-			
W 0	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	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	\$2,315.00	\$48,471.73
												INCLUDI	NG 3RD PAR	TY CHARGES	\$7,636.28	\$127,127.17

10/21/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	N PLAINS	H02 BH	Rig Name and I		ort #9
	DAILY	USAGE 8	& COST					CUMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
	Onit		Inventory	Received	Inventory	Usage	Daily Cost	Usage	
SAPP (50)	50# sk	\$46.84	42		42			42	\$1,967.2
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	364		364			84	\$1,202.8
LIME (50)	50# sk	\$5.88	375		375			223	
OPTI - G	50# sk	\$32.44	160		160			80	\$2,595.2
BENTONE 38 (50)	50# sk	\$152.93	68		68				
BENTONE 910 (50)	50# sk	\$55.55	60		60			15	
BENTONE 990 (50)	50# sk	\$88.61	74		74			22	\$1,949.4
OPTI - MUL	gal	\$11.40	330		330			495	\$5,643.0
OPTI - WET	gal	\$8.84	330		330			440	\$3,889.6
NEW PHALT	50# sk	\$38.72	90		90			68	\$2,632.9
OIL SORB (25)	25# sk	\$4.75	47		47				
NEW CARB (M)	50# sk	\$5.63	147		147				
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	240		240				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1300		1300			300	\$2,451.0
BARTIE BOER (100)	100# 3K	ψ0.17	1000		1000			300	Ψ2,401.0
OPTI DRILL (OBM)	bbl	\$75.00	2142		2142				
Magnolia owned mud	bbl		185	155	340				
DISCOUNTED OBM	bbl	\$15.00							
					<u> </u>				
					<u> </u>				
					<u> </u>				
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00	18	\$17,820.0
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	18	\$540.0
ENGINEERING (MILES)	each	\$1.00				275	\$275.00	1023	\$1,023.0
FORKLIFT WITH OPERATOR	each	\$156.25						1	\$156.2
Scale Ticket	each	\$15.00						2	\$30.0
TRUCKING (cwt)	each	\$2.48						1472	
TRUCKING (min)	each	\$812.50						17/2	\$5,551.0
PALLETS (ea)		\$12.50						31	¢207 f
SHRINK WRAP (ea)	each	\$12.50 \$12.50						31	\$387.5 \$387.5
DI INTININ WINAF (Ed)	each	φ1∠.50	İ	İ				31	φ387.5

Date	Operator	Well Name a	nd No.		Rig Name and	and No. Report No.						
10/21/21	MAG	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	24	8	Report #9			
	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 10-4-21		\$2.57										
Diesel 10-4-21	gal	\$2.57										
Diesel 10-5-21	gal	\$2.63										
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40		
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00		
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00		
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00		
Diesel Received 10-18-21	gal	\$2.76	4274		2346	1928	\$5,321.28		4654	\$12,845.04		
-												
								1				
		Daily Sub-Total \$5,321.28 \$78,655.										
				_				•				
	Cumu	ılative Total	AES & 3rd	Party \$127	,127.17							

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name:

MAGNOLIA OIL & GAS

248

					WEEK 1				WEEK 2								WEEK 3						
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21		10/16/21	10/17/21	10/18/21								
	Date	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8	9 7/8	9 7/8	6 3/4					
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928				
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	-				
	Footage Drilled	-	_	_	-	_	_	-	_	-	-	-		-	3,960	2,860	88	-	-		-	-	
	New Hole Vol.	-	-	-	-	-	-	_	-	-	-	_	_	-	375	271	8	_	_	_	_	_	
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,482	2,482	2,482	
	Chemical Additions	_,==	_,-,	_,	_,										8	31	_,	_,	_,	_,	_,	_,	
	Base Fluid Added														322	209	128	46					
	Barite Increase															14	7						
	Weighted Mud Added			285										2,047									
	Slurry Added													_,-,									
40	Water Added														3	23		14					
-	Added for Washout																						
3,137	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	-	-	-	-	
-	Surface Losses																						
_	Formation Loss																						
	Mud Loss to Cuttings														262	325	10						
61	Unrecoverable Volume				26													35					
18	Centrifuge Losses																	18					
676	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	-	-	-	-	
2,573	Mud Transferred Out			154	2,419																		
2,482	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,482	2,482	2,482	2,482	
-	Mud Recovered																						
	I			С	omment	s <i>:</i>			Comments:								Comments:						
									Comments.														
		10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21						10/19/21 Lost 325bls to mud on cuttings while drilling.								
2,353		10/6/21	No losses	-					10/13/21							10/20/21 Lost 10bls to mud on cuttings while drilling and circulating clear up cycles.						ting clean	
	-	10/7/21	No losses	-					10/14/21							10/21/21							
		10/8/21	displacem	ent of ceme		ice casing.	d plant and Transferred on HO2.		10/15/21							10/22/21							
		10/9/21							10/16/21							10/23/21							
		10/10/21							10/17/21 Transferred 2047bls OBM from the HO4 to the HO2. 280bls alreadty pre-loaded in casing from surface interval.							10/24/21							
		10/11/21								10/18/21 Lost 262bls to mud on cuttings while drilling.						10/25/21							

Report #10 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

3.6° 1,263' TVD

Operator MAGNOLIA OIL & GAS Well Name and No.					TERSO	ON	_	Block HINGTO	N		ort Date /04/21	24 hr	0 ft		Drilled Depth 9,928 ft		
Well Name and No.	RN PLA	AINS H	02 BH	Rig Name an	d No. 248		State TE	EXAS		Spud Date	/06/21	Curre	oft/hr	Activi	y TR	ΙP	
Report for			_	Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate	Circul	ating Pre	_	
Brandon	Parks /	/ Jim F	larrison	То	ol Pusl	ner	GID	DINGS			DBM		0 gpm		psi		
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PU	JMP #1		PUMP #2	RIS	RISER BOOST		
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	63	33 bbl	Liner Siz	e 4.7	75 Line	er Size 4.	.75 Line	r Size		
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	44	12 bbl	Stroke	1:	2 St	roke 1	12 St	roke		
				10/22/21		10/20/21	Active	67	77 bbl	bbl/stk	0.0	625 bt	ol/stk 0.0	625 bb	l/stk	0.00	000
Time Sample	Taken			0:30		13:00	Storage	<u>14</u>	54 bbl	stk/min	C) stł	√min	0 stł	/min		
Sample Locati	on			pit		suction	Tot. on Location 2529 bb			gal/min	C) ga	l/min	0 ga	l/min		0
Flowline Temp	erature °F	F						PHHP =	0		CIRCUL	ATION D	ATA	n =	= 0.670 K = 172		
Depth (ft)				9,928'		9,928'	Bit I		Wash	out = 0%		Pump Effic	iency =	= 95%	ó		
Mud Weight (p	pg)			9.0		9.0	Drill String	17.0 bb	Str	okes To Bi	t	Time	To Bit				
Funnel Vis (sec/qt) @ 110 °			@ 110 °F	50		52	Disp.	Bottoms	Up Vol.	27.3 bb	Botto	msUp Stks	5	BottomsU	o Time		
600 rpm				35		36	8.8 bbl	Riser A	nn. Vol.	-2.1 bb	l Ri:	ser Strokes	3	Riser Circ	Riser Circ. Time		
300 rpm				22		22		DRILLIN	IG AS	SEMBLY I	DATA		s	OLIDS CO	L		
200 rpm				16		16	Tubulars	OD (in.)	ID	(in.) L	_ength	Тор	Unit	Sci	eens	Ho	urs
100 rpm				12		12	Drill Pipe	4.500	3.	.826	1,131'	0'	Shake	r 1 2	200		
6 rpm				6		6	Dir. BHA	5.250	2.	.688	133'	1,131'	Shake	r 2 2	200		
3 rpm				5		5	Collars					1,264'	Shake	r 3 2	200		
Plastic Viscosity (cp) @ 150			@ 150 °F	13		14	Collars					1,264'	Desand	der			
Yield Point (lb.	/100 ft²)		T0 = 4	9		8		CASI	NG & I	HOLE DA	TA		Desilte	er			
Gel Strength (lb/100 ft²)	10) sec/10 min	5/8		5/8	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1			
Gel Strength (lb/100 ft ²)		30 min	10		10	Riser	20			108'		VOLUN	IE ACCOL	JNTING	3 (bb	ls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.4		7.4	Surface	10 3/4	9.	.950	3,020'	108'	Prev. 7	otal on Lo	cation	24	479.2
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875	9,920'	108'	Transfe	erred In(+)/	Out(-)		
Retort Solids (Content			9.4%		9.4%	Washout 1							Oil Add	ed (+)		79.7
Corrected Soli	ds (vol%)			7.3%		7.4%	Washout 2							Barite Add	ed (+)		0.0
Retort Oil Con	tent			68.6%		68.6%	Oper	Hole Siz	e 6.	.750	9,928'		Other P	roduct Usa	ge (+)		0.0
Retort Water (Content			22%		22%	ANI	NULAR G	EOME	TRY & RI	HEOLOG	Υ	1 ,	Water Add	ed (+)		
O/W Ratio				76:24		76:24	annular	r m	neas.	velocity	/ flow	ECD	Le	eft on Cuttin	ngs (-)		0.0
Whole Mud Cl	nlorides (n	ng/L)		51,500		51,000	section		lepth	ft/min	reg	lb/gal		Cen	trifuge		-29.8
Water Phase	Salinity (p	pm)		268,511		266,599	0x4.5		108'	0.0		9.00	Non-Red	coverable \	/ol. (-)		
Whole Mud Al	kalinity, P	om		2.4		2.5	6.875x4.	.5 1	,131'	0.0	lam	9.00	Est. 7	otal on Lo	cation	25	529.1
Excess Lime (lb/bbl)			3.1 ppb		3.3 ppb	6.875x5.2	25 1	,264'	0.0	lam	9.00	Est. Los	ses/Gains	(-)/(+)		0.0
Electrical Stab	oility (volts))		412 v		410 v							BIT	HYDRAUL	ICS D	ATA	
Average Spec	ific Gravity	y of Solid	ls	2.77		2.76							Bit H.S.I.	Bit ∆P	Nozz	les (32	2nds)
Percent Low C	Gravity Sol	lids		5.6%		5.7%							0.00	psi	18	18	18
ppb Low Grav	ity Solids			46 ppb		46 ppb							Bit Impact	Nozzle	18	18	18
Percent Barite	-			1.7%		1.7%							Force	Velocity (ft/sec)			
ppb Barite				25 ppb		25 ppb	BIT D	ATA	Ma	anuf./Type	HALLIE	BURTON PDO	0 lbs	0			
Estimated Tot	al LCM in	System	ppb			-	Size	Depth Ir	h H	ours F	ootage	ROP ft/hi	Motor/M	WD Cal	c. Circ.	. Pres	ssure
Sample Taken By				C. Beasley	0	M Washburn	6 3/4	9,928 ft			-						
Remarks/Reco				<u>l</u>			Ria Activity:						1				

OBM RECEIVED: 2142bls

PLAN FORWARD: TIH & and build curve.

Adding gels to increase rheology

Maintaining MW at 9 ppg in active with diesel additions.

Rig Activity:

Testing BOP's and surface equipment. Reduce mud wt. from 9.8 to 9.2 last night, continue processing with diesel dilution and centrifuge to 9.0. Change pump liners from 5.25 to 4.75. Ordered an additional 100 bbls 17.5 kill mud from Newpark Madisonville. Shale shaker panels were changed from 170 to 200 mesh. Picked up 2805' of 4.5" DP. Currently making up 6 3/4" bit and BHA and TIH.

	ng. 1: none:		ke W 61-94				5		Beasley 47-5377	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 0	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	carefully	and may be	ecommendation, exp used if the user so ation, and this is a re	\$2,040.00	\$50,511.73			
												INCLUDI	\$11,274,96	\$138,402,13		

Date 10/22/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a BIGHOR	N PLAINS	H02 BH	Rig Name an		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	\$46.84	42		42			42	\$1,967.2
PHPA LIQUID (pail)	5 gal	\$41.36	29		29				
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
TESTAIN THE TEXT OF THE	Zon ok	φοτιτο							
24012 (50)	50# als	£44.00	204		20.4			0.4	£4 202 0
CACL2 (50)	50# sk	\$14.32	364		364			84	-
LIME (50)	50# sk	\$5.88			375			223	
OPTI - G	50# sk	\$32.44	160		160			80	\$2,595.2
BENTONE 38 (50)	50# sk	\$152.93	68		68				
BENTONE 910 (50)	50# sk	\$55.55			60			15	
BENTONE 990 (50)	50# sk	\$88.61	74		74			22	
OPTI - MUL	gal	\$11.40	330		330			495	\$5,643.0
OPTI - WET	gal	\$8.84	330		330			440	\$3,889.6
NEW PHALT	50# sk	\$38.72	90		90			68	\$2,632.9
OIL SORB (25)	25# sk	\$4.75	47		47				
									<u> </u>
NEW CARB (M)	50# sk	\$5.63	147		147				
CYBERSEAL					147				
	25# sk	\$24.40			0.40			-	-
MAGMAFIBER F (25)	25# sk	\$28.05	240		240				
MAGMAFIBER R (30)	30# sk	\$28.05							-
VARISEAL	50# sk	\$26.50							ļ
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38			40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
									1
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1300		1300			300	\$2,451.0
									1
		 					1		
					l				
	bbl	\$75.00			2142				
Magnolia owned mud	bbl	\$75.00	2142	47	2142				
OPTI DRILL (OBM) Magnolia owned mud DISCOUNTED OBM		\$75.00 \$15.00		47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud	bbl			47					
Magnolia owned mud DISCOUNTED OBM	bbl	\$15.00	340	47					
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR)	bbl bbl	\$15.00 \$1990.00	340	47		2			\$19,800.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl	\$15.00 \$15.00 \$990.00 \$30.00	340	47		2 2 2		20	\$600.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl	\$15.00 \$1990.00	340	47					\$600.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl bbl	\$15.00 \$15.00 \$990.00 \$30.00	340	47				20	\$600.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl bbl	\$15.00 \$15.00 \$990.00 \$30.00	340	47				20	\$600.0 \$1,023.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR	each bbl each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00	340	47				1023	\$600.0 \$1,023.0 \$156.2
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00	340	47				1023 1023	\$600.0 \$1,023.0 \$156.2 \$30.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket FRUCKING (cwt)	each bbl each each each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48	340	47				1023 1023	\$600.0 \$1,023.0 \$156.2 \$30.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket FRUCKING (cwt) FRUCKING (min)	each bbl each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50	340	47				20 1023 1 1 2 1472	\$600.0 \$1,023.0 \$156.2 \$30.0 \$3,651.6
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50 \$12.50	340	47				20 1023 1 1 2 1472	\$600.0 \$1,023.0 \$156.2 \$30.0 \$3,651.6 \$387.5
Magnolia owned mud	each bbl each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50	340	47				20 1023 1 1 2 1472	\$600.0 \$1,023.0 \$156.2 \$30.0 \$3,651.6

Date	Well Name a	nd No.		Rig Name an	e and No. Report No.							
10/22/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	248 Report #10				
	DAILY	USAGE 8	& COST						CUMULATIVE			
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost		
Diesel 10-4-21		\$2.57										
Diesel 10-4-21	gal	\$2.57										
Diesel 10-5-21	gal	\$2.63										
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40		
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00		
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00		
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00		
Diesel Received 10-18-21	gal	\$2.76	2346			2346	\$6,474.96		7000	\$19,320.00		
Diesel Received 10-19-21	gal	\$2.76		7000	6000	1000	\$2,760.00		1000	\$2,760.00		
Diesel Received 10-21-21	gal	\$2.78		7000	7000			-				
								- - -				
								-				
								- -				
								- - -				
								 -				
								- -				
								<u>-</u>				
								-				
					Daily S	ub-Total \$	9,234.96		\$87,8	90.40		
	Cumi	ulative Total	AES & 3rd	Party \$138	,402.13			. L				
						I						

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

									WEEK 2								T WEEK O							
	L .	10/5/04	40/0/04	40/=/04	WEEK 1	10/0/01	10/10/01	10/11/01	10/10/01	10/10/01	10/11/01	WEEK 2	10/10/01	1011=101	10/10/01	WEEK 3 10/19/21 10/20/21 10/21/21 10/22/21 10/23/21 10/24/21 10/25/21								
	Date	10/5/21	10/6/21 Wed	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21		10/13/21		10/15/21		10/17/21		10/19/21			10/22/21 Fri	10/23/21 Sat	10/24/21 Sun	10/25/2		
	Bit Size	Tue 13 1/2	13 1/2	Thu 13 1/2	Fri 13 1/2	Sat 13 1/2	Sun 13 1/2	Mon 13 1/2	Tue 13 1/2	Wed 13 1/2	Thu 13 1/2	Fri 13 1/2	Sat 13 1/2	Sun 13 1/2	Mon 9 7/8	Tue 9 7/8	Wed 9 7/8	Thu 6 3/4	6 3/4	Sat	Sun	Mon		
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928				
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	3,320				
		3,020	 										- 				,		· ·					
	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	3,960	2,860	88	-	-	-	-	-		
654	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	375	271	8	-	-	-	-	-		
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,532	2,532		
	Chemical Additions														8	31								
	Base Fluid Added														322	209	128	46	80					
	Barite Increase			205										2.047		14	7							
2,332	Weighted Mud Added Slurry Added			285										2,047										
	Water Added														3	23		14						
	Added for Washout															20		17						
3,217	Total Additions	_		285	-	_	_	_	_		_	_	_	2,047	333	277	135	60	80	_	-	_		
3,217		<u> </u>	_	203	-	-	-	-	-	-	-	-	-	2,047	333	211	133	00	00	-	-	-		
	Surface Losses Formation Loss																							
- 507	Mud Loss to Cuttings														262	325	10							
61	Unrecoverable Volume				26										202	323	10	35						
48					20													18	30					
																			1			l		
706	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	30	-	-	-		
	Mud Transferred Out			154	2,419																			
2,532	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,532	2,532	2,532		
-	Mud Recovered																							
				С	omment	s:			Comments:							Comments:								
	_	10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21							10/19/21 Lost 325bls to mud on cuttings while drilling.								
2,353		10/6/21	No losses						10/13/21							10/20/21 Lost 10bls to mud on cuttings while drilling and circulating clean up cycles.								
		10/7/21	No losses						10/14/21							10/21/21								
		10/8/21	displacem	during tran ent of ceme e HO4 leav	ent for surfa	ice casing.	Transferre		10/15/21							10/22/21								
		10/9/21							10/16/21							10/23/21								
		10/10/21							10/17/21 Transferred 2047bls OBM from the HO4 to the HO2. 280bls alreadty pre-loaded in casing from surface interval.							10/24/21								
		10/11/21								10/18/21 Lost 262bls to mud on cuttings while drilling.						10/25/21								

OUTSOURCE FLUID SOLUTIONS LLC.

21.1° 10,514' TVD

Operator MAG Well Name and No	NOLIA (OIL & C	BAS	Contractor PAT Rig Name an	TERSO	ON	County / Parish / WASH	Block	N	Engineer Start 10/ Spud Date	Date 04/21	24 hr f	933 ft		10	, 861	ft
	RN PLA	AINS H)2 BH	Rig Name an	248			EXAS		1	06/21	Currer	200 ft/hr		DRLC	s CU	RVE
Report for		,		Report for			Field / OCS-G #	DIN 100		Fluid Type	-		ating Rate		irculating		
Brandon	Parks /	/ Jim H	arrison	То	ol Pusi	ner	GID	DINGS		_	ВМ		352 gpm	1		83 p	
	1		RTY SPECIF				MUD VO	LUME (BE	3L)	PUI	MP #1		PUMP #2		RISER		STER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	57	4 bbl	Liner Size	4.75	Line	r Size 4.	75	Liner Siz	e	
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	43	5 bbl	Stroke	12	Str	oke 1	2	Stroke		
				10/23/21		10/22/21	Active	100	9 bbl	bbl/stk	0.062	.5 bb	l/stk 0.0	625	bbl/stk	0	.0000
Time Sample	Taken			0:30		13:00	Storage	<u>150</u>	06 bbl	stk/min	68	stk	/min 6	66	stk/min		
Sample Locat	ion			pit		suction	Tot. on Loc	cation 251	15 bbl	gal/min	178	gal	/min 17	73	gal/min		0
Flowline Temp	perature °F	F		120 °F		116 °F		PHHP = 71	4	(CIRCULA	TION DA	TA .	1	า = 0.64	2 K=	233.310
Depth (ft)				10,861'		9,928'	Bit D	epth = 10	,861 '		Washou	ıt = 5%		Pump E	Efficienc	y = 9	5%
Mud Weight (ppg)			9.1		9.0	Drill String	Volume	e to Bit	153.5 bb	Strol	es To Bit	2,457	Т	ime To I	Bit 1	8 min
Funnel Vis (se	ec/qt)		@ 112 °F	50		52	Disp.	Bottoms U	Jp Vol.	281.8 bb	Bottom	sUp Stks	4,512	Bottom	sUp Tin	ne 3	4 min
600 rpm				39		38	61.1 bbl	Riser An	ın. Vol.	-2.1 bbl	Rise	r Strokes	-34	Riser	Circ. Tin	ne (0 min
300 rpm				25		24		DRILLIN	G ASS	SEMBLY D	ATA		S	OLIDS	CONTI	ROL	
200 rpm				16		15	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit		Screen	s ł	Hours
100 rpm				12		11	Drill Pipe	4.500	3.	.826 10	0,728'	0'	Shaker	1	200		
6 rpm				6		6	Dir. BHA	5.250	2.	.688	133'	10,728'	Shaker	2	200		
3 rpm				5		5	Collars					10,861'	Shaker	3	200		
Plastic Viscos	ity (cp)		@ 150 °F	14		14	Collars					10,861'	Desand	ler			
Yield Point (lb	/100 ft²)		T0 = 4	11		10		CASII	NG & I	HOLE DAT	Ά		Desilte	er			
Gel Strength ((lb/100 ft²)	10	sec/10 min	5/8		5/8	Casing	OD (in.)	ID	(in.)	Pepth	Тор	Centrifug	ge 1			0.0
Gel Strength ((lb/100 ft ²)		30 min	10		10	Riser	20			108'		VOLUM	IE ACC	OUNTI	NG (k	ıbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	7.0		7.0	Surface	10 3/4	9.	.950 3	,020'	108'	Prev. T	otal on	Location	n	2529.1
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875 9	,920'	108'	Transfe	erred In	(+)/Out(-)	107.0
Retort Solids	Content			10%		9.4%	Washout 1							Oil A	Added (+)	86.0
Corrected Sol	ids (vol%)			7.8%		7.3%	Washout 2						1	Barite A	Added (+)	20.9
Retort Oil Cor	itent			67.5%		67.6%	Oper	Hole Size	9 7.	.088 10	0,861'		Other Pr	oduct l	Jsage (+)	8.6
Retort Water	Content			22.5%		23%	ANI	NULAR GI	EOME	TRY & RH	EOLOGY	,	١	Water A	Added (+)	30.0
O/W Ratio				75:25		75:25	annular	· m	eas.	velocity	flow	ECD	Le	ft on C	uttings (-)	-68.3
Whole Mud C	hlorides (n	ng/L)		54,000		53,000	section	de	epth	ft/min	reg	lb/gal	Non-Rec	overab	le Vol. (-)	-40.0
Water Phase	Salinity (p	pm)		273,435		265,430	0x4.5	1	08'	-425.5		9.30		Lost R	eturns (-)	-157.9
Whole Mud A	lkalinity, P	om		2.0		2.2	6.875x4.	5 9,	920'	318.9	turb	10.02	Est. T	otal on	Location	n	2515.3
Excess Lime ((lb/bbl)			2.6 ppb		2.9 ppb	7.088x4.	5 10	,728'	287.3	turb	10.19	Est. Los	ses/Ga	ins (-)/(+)	0.0
Electrical Stat	oility (volts)		501 v		405 v	7.088x5.2	25 10	,861'	380.0	turb	10.39	ВІТ	HYDR	AULICS	DAT	A
Average Spec	ific Gravit	y of Solid	s	2.75		2.72							Bit H.S.I.	Bit Δ	P No	zzles	(32nds)
Percent Low 0	Gravity So	lids		6%		5.7%							0.27	47 p	osi 1	3 18	3 18
ppb Low Grav	rity Solids			49 ppb		47 ppb							Bit Impact	Nozz		3 18	3 18
Percent Barite				1.8%		1.6%							Force	Veloc (ft/se	-		
ppb Barite				26 ppb		22 ppb	BIT D	ATA	Ma	anuf./Type	HALLIBU	RTON PDC	125 lbs	76			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	ootage F	OP ft/hr	Motor/M\	WD	Calc. C	rc. Pr	essure
Sample Taker	า By			C. Beasley	0	M Washburn	6 3/4	9,928 ft	1	4.0)33 ft	66.6	3,483 p	osi	4,6	88 p	si
Remarks/Reco	ommendati	ons:					Rig Activity:			I	l			L			-

OBM RECEIVED: 2249bls

PLAN FORWARD: Drill curve & Lateral

Adding gels to increase rheology

Maintaining MW at 9.1 ppg in active.

Continue to pick up 4-1/2" drillpipe to 9828, fill pipe and circulate thru gas buster, drill float equipment and 10' of new formation to 9938, circulate and verify a consistant 9.0# system mud wt. Perform F.I.T. to 13.0 EMW. Cuurently rotate and sliding, building curve, bit passing 10,861, INCL 87.65 deg. Maintain mud wt at 9.1#, adding water and diesel, adjusting O:W:R. MWD temp 237. Max gas: 371 units. MW was increased to 9.1 @ 10,500'. Noticed seepage @ 10,650'. Reducing MW to 9.0.

En	g. 1:	Mi	ke W	ashbı	urn	Er	ıg. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Ph	one:	30	61-94	5-577	77	Ph	one:	903-7	47-5377	Phone:	432-686-7361	Phone:	-			
W 0	P 0	Y 1	E 1	C 1	g 1	G 1	H 2	O 1	carefully	and may be	ecommendation, execused if the user so pation, and this is a	elects, however	, no representation	nas been prepared on is made as to the	\$9,033.20	\$59,544.93
												INCLUDI	NG 3RD PAR	TY CHARGES	\$18,693.20	\$157,095.33

Date 10/23/21	Operator MAG	NOLIA OIL	& GAS	Well Name a BIGHOR	IND NO.	H02 BH	Rig Name and No. 248	Report No. Repo	ort #11
	DAILY	USAGE 8	COST					CUMU	LATIVE
lta-m			Previous	Dessived	Closing	Daily	Daily Coat	Cum	Cum Coo
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42			42	\$1,967.28
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36 \$14.00	29		29				
NEW GEL (PREMIUM)	gal 100# sk	\$14.00							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
ALGIMINGIN TRIGIE/ROATE	20# 310	ψ01.10							
CACL2 (50)	50# sk	\$14.32	364		336	28	\$400.96	112	
LIME (50)	50# sk	\$5.88	375		355	20	\$117.60	243	+ · · ·
OPTI - G	50# sk	\$32.44 \$152.93	160 68		140 63	20 5	\$648.80 \$764.65	100	
BENTONE 38 (50) BENTONE 910 (50)	50# sk	\$55.55	60		55	5	\$277.75	20	
BENTONE 990 (50)	50# sk	\$88.61	74		70	4	\$354.44	26	
OPTI - MUL	gal	\$11.40	330		220	110	\$1,254.00	605	
OPTI - WET	gal	\$8.84	330		330		4 1,20 1100	440	
NEW PHALT	50# sk	\$38.72	90		80	10	\$387.20	78	
OIL SORB (25)	25# sk	\$4.75	47		47				
									1
NEW CARR (2)		<u> </u>					0-0		
NEW CARB (M)	50# sk	\$5.63	147		137	10	\$56.30	10	\$56.30
CYBERSEAL MAGMAFIBER F (25)	25# sk 25# sk	\$24.40 \$28.05	240		230	10	\$280.50	10	\$280.50
MAGMAFIBER R (30)	30# sk	\$28.05	240		230	10	\$260.50	10	\$200.50
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				4
BARITE BULK (100)	100# sk	\$8.17	1300		1000	300	\$2,451.00	600	\$4,902.00
ODTI DDILL (ODM)	1.11	Ф 7 Е ^^	04.46	10-	00.10				1
OPTI DRILL (OBM) Magnolia owned mud	bbl	\$75.00	2142 387	107	2249 266	121		121	-
DISCOUNTED OBM	bbl	\$15.00	387		∠00	121		121	1
	DDI	ψ.ο.οο							
									1
ENCINEEDING (04 LIP)	, L	#000 00				^	\$1,000.00		PO4 700 00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$990.00 \$30.00				2	\$1,980.00 \$60.00	22	\$21,780.00 \$660.00
ENGINEERING (DIEM) ENGINEERING (MILES)	each	\$30.00					φου.υυ	1023	
	Gauli	ψ1.00						1023	ψ1,023.0C
FORKLIFT WITH OPERATOR	each	\$156.25						1	\$156.25
Scale Ticket	each	\$15.00						2	
		\$2.48						1472	
TRUCKING (cwt)	each								
	each	\$812.50							
TRUCKING (cwt)		\$812.50 \$12.50						31	\$387.50
TRUCKING (cwt) TRUCKING (min)	each							31 31	\$387.50 \$387.50

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
10/23/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	rt #11
	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 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-19-21	gal	\$2.76	6000		2500	3500	\$9,660.00		4500	\$12,420.00
Diesel Received 10-21-21	gal	\$2.78	7000		7000					
					Daily S	ub-Total \$9	9,660.00		\$97,5	50.40
	Cumu	ılative Total	AES & 3rd	Party \$157	7,095.33					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

Well Name:

MAGNOLIA OIL & GAS

248

					WEEK 1							WEEK 2				WEEK 3 10/19/21 10/20/21 10/21/21 10/22/21 10/23/21 10/24/21 10						
ſ	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
İ	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4		
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	
	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	-,	
	Footage Drilled	-	-	-	-	-		-	-	-	-	-	-	-	3,960	2,860	88	-	-	933		_
,	_		-	-			-	-				-	-	-	3,900	2,860	8	-	-	41		<u> </u>
	New Hole Vol.		-						-	-			-	-								
	Starting System Volume Chemical Additions	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,515
	Base Fluid Added														322	31 209	128	46	80	8 85		
	Barite Increase														322	14	7	40	60	20		
	Weighted Mud Added			285										2,047		14	'			107		
	Slurry Added			200										2,047						107		
	Water Added														3	23		14		29		
	Added for Washout											†	†		3	20		1-7		20		
	Total Additions	_	_	285	_	_	<u> </u>	_		_	_	<u> </u>	<u> </u>	2,047	333	277	135	60	80	249	_	_
,			-	200	-	-	<u> </u>	_	-	-		<u> </u>	<u> </u>	2,041	333	211	133	00	60	243	-	<u> </u>
	Surface Losses																			450		
	Formation Loss						-					-	-		262	225	10			158		
	Mud Loss to Cuttings Unrecoverable Volume				26		-					-	-		262	325	10	35		68 20		
	Centrifuge Losses				20													18	30	20		
00	Centinuge Losses						l					l.	l.					10	30	20		
972	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	30	266	-	-
2,573	Mud Transferred Out			154	2,419																	
2,515	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,515	2,515
-	Mud Recovered																					
				C	omments	s:					C	omment	s:					С	omment	s:		
		10/5/21	Received :	2594bls fro	m Rommel	pad.			10/12/21							10/19/21	Lost 325bl	s to mud o	n cuttings w	hile drilling		
2,460		10/6/21	No losses.						10/13/21							10/20/21	Lost 10bls up cycles.	to mud on	cuttings wh	ile drilling a	and circula	ating clean
		10/7/21	No losses.						10/14/21							10/21/21						
	Lost 26bls during transportation to/from mud plant displacement of cement for surface casing. Transi OBM to the HO4 leaving 280bls in casing on HO2								10/15/21							10/22/21						
				10/16/21							10/23/21	107 bbls o seepage.	of kill mud re	ec from mu	d plant. 157	BBLS los	st to					
									the HO2. 28 interval.	30bls	10/24/21											
		10/17/21 10/17/21 alreadty pre-loaded in casing from surface interval. 10/11/21 Lost 262bls to mud on cuttings while drilling.													10/25/21							

Report #12 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

86.6° 10,281' TVD

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 10/04/21 3,631 ft 14,145 ft Name and No **BIGHORN PLAINS H02 BH** 10/06/21 248 **TEXAS** 228 ft/hr **DRILLING** Field / OCS-G # ating Rate rculating Pressure luid Type **Tool Pusher GIDDINGS Brandon Parks / Jim Harrison OBM** 357 apm 3.673 psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight CaCl2 **GELS** HTHP In Pits 606 bbl Liner Size 4.75 Liner Size 4.75 Liner Size 15-17 20-40 8-20 >500 ±275K <10 <15 <6 In Hole 578 bbl Stroke 12 Stroke 12 Stroke 10/24/21 10/23/21 1184 bbl 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 68 68 stk/min Time Sample Taken 0:30 13:00 1632 bbl stk/min stk/min gal/min gal/min gal/min Sample Location pit shaker Tot. on Location 2816 bbl 178 178 0 n = 0.705 K = 170.111 Flowline Temperature °F 135 °F 135 °F PHHP = 765 **CIRCULATION DATA** Depth (ft) 10.861 12 941 Bit Depth = 14,145 ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 9.1 9 1 Volume to Bit 200.2 bbl Strokes To Bit 3 205 Time To Bit 24 min **Drill String** Disp. Funnel Vis (sec/qt) @ 125 °F 54 51 Bottoms Up Vol. 377.5 bbl BottomsUp Stks 6,044 BottomsUp Time 44 min 44 47 600 rpm 79.0 bbl Riser Ann Vol -2.1 bbl Riser Strokes -34 Riser Circ Time 0 min **DRILLING ASSEMBLY DATA** 300 rpm 27 29 **SOLIDS CONTROL** 17 20 OD (in.) Unit Screens 200 rpm **Tubulars** ID (in.) Length Top Hours 0' 13 15 Drill Pipe Shaker 1 200 100 rpm 4.500 3.826 14,012 Dir. BHA 5.250 2.688 133' 14,012 Shaker 2 200 6 rpm 6 6 Collars 14,145 Shaker 3 200 3 rpm 18 Collars 14.145 Desander Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 10 11 **CASING & HOLE DATA** Desilter 7/9 Casing OD (in.) ID (in.) Centrifuge 1 Gel Strength (lb/100 ft2) 10 sec/10 min 6/9 Depth Top 30 min 12 11 108' **VOLUME ACCOUNTING (bbls)** Riser 20 Gel Strength (lb/100 ft2) Surface @ 300 °F 6.4 64 10 3/4 9.950 3.020' 108' 2515.3 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 2.0 Int. Csg. 7 5/8 6.875 9.920' 108' Transferred In(+)/Out(-) 429.0 Retort Solids Content 10% 10% Washout 1 Oil Added (+) 156.1 Corrected Solids (vol%) 7.7% 7.7% Washout 2 Barite Added (+) 0.0 Retort Oil Content 67.5% 67% Open Hole Size 7.088 14.145 Other Product Usage (+) 17.7 **ANNULAR GEOMETRY & RHEOLOGY** 22.5% Retort Water Content 23% Water Added (+) 60.0 74:26 O/W Ratio 75:25 Left on Cuttings (-) -221.5 velocity annular flow FCD meas section depth ft/min reg lb/gal 55.500 57.000 Whole Mud Chlorides (ma/L) Non-Recoverable Vol. (-) -40.0 278,912 279,856 0x4.5 108 -431.9 9.32 -100.9 Water Phase Salinity (ppm) Lost Returns (-) Whole Mud Alkalinity, Pom 1.8 2.1 6.875x4.5 9.920' 323.7 10.10 2815.7 turb Est. Total on Location 7.088x4.5 2.3 ppb 2.7 ppb 14,012 291.6 turb 10.49 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 480 v 489 v 7.088x5.25 385.6 10.73 **BIT HYDRAULICS DATA** Electrical Stability (volts) 14,145 turb 2.75 2.72 Bit H.S.I. Average Specific Gravity of Solids Bit ΔP Nozzles (32nds) 6.1% 48 psi Percent Low Gravity Solids 6% 0.28 18 18 18 ppb Low Gravity Solids Nozzle 18 18 49 ppb 50 ppb 18 Bit Impact Velocity Force Percent Barite 1.8% 1.6% ppb Barite 25 ppb 23 ppb **BIT DATA** Manuf./Type HALLIBURTON PDC 129 lbs 77 Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure ppb 9.928 ft 38.0 4.564 ft 120.1 3.473 psi 5.094 psi Sample Taken By C. Beasle 0 M Washburi 6 3/4

Remarks/Recommendations:

OBM RECEIVED: 2249bls

PLAN FORWARD: Drill curve & Lateral

Adding gels to increase rheology

Maintaining MW at 9.1 ppg in active.

Rig Activity:

Continue drilling 6-3/4" hole section. Encountered seepage losses at 10650, reduce mud wt from 9.1 to 9.0, pump LCM sweeps, losses stopped, drill to 12350 increase mud wt to 9.1 while pumping LCM sweep with Procor additives, no mud losses since initial seepage. Continue to maintain 9.1 currently drilling at 14,145 MD, samples are 100% AC, rotating ROP 160 FPH, torque 10-11K, MWD TEMP 266. Max gas 2938 units

Е	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
Р	hone:	30	61-94	5-57	77	Ph	none:	903-7	747-5377	Phone:	432-686-7361	Phone:	-			
W 0	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	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	\$6,938.55	\$66,483.48
	•									•		INCLUDI	NG 3RD PAR	TY CHARGES	\$24,958.55	\$182,053.88

Date 10/24/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a BIGHOR	nd No. RN PLAINS	H02 BH	Rig Name and		ort #12
10/24/21	Į.	USAGE 8		Бюпон	MIT LAINO	1102 DI1			ILATIVE
11			Previous	Baratard	Closing	Daily	Daile Card	Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	42 29		42 29			42	2 \$1,967.28
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	336		232	104	\$1,489.28	216	\$3,093.12
LIME (50)	50# sk	\$5.88	355		250	105	\$617.40	348	<u> </u>
OPTI - G BENTONE 38 (50)	50# sk	\$32.44 \$152.93	140 63		120 54	20 9	\$648.80 \$1,376.37	120	+
BENTONE 910 (50)	50# sk	\$55.55	55		55	9	\$1,370.37	20	
BENTONE 990 (50)	50# sk	\$88.61	70		70			26	+
OPTI - MUL	gal	\$11.40	220		220			605	5 \$6,897.00
OPTI - WET	gal	\$8.84	330		275	55	\$486.20	495	+ ' '
NEW PHALT	50# sk	\$38.72	80		80			78	3 \$3,020.16
OIL SORB (25)	25# sk	\$4.75	47		47				
									1
									L
NEW CARB (M)	50# sk	\$5.63	137		137			10	\$56.30
CYBERSEAL	25# sk	\$24.40					[تــــِــا		1
MAGMAFIBER F (25)	25# sk	\$28.05	230		220	10	\$280.50	20	\$561.00
MAGMAFIBER R (30) VARISEAL	30# sk 50# sk	\$28.05 \$26.50							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1000		1000			600	\$4,902.00
,									
									1
OPTI DRILL (OBM)	hhl	\$75.00	2249	429	2679				
Magnolia owned mud	bbl	\$75.00	266	429	2678 138	128		249	a
DISCOUNTED OBM	bbl	\$15.00	200		.00	.20			1
									1
									+
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00		1 \$23,760.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$1,980.00 \$60.00	24	\$720.00
									\$720.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00						24	\$720.00 \$1,023.00
ENGINEERING (DIEM)	bbl	\$30.00						1023	\$720.00 \$\$1,023.00 \$1 \$156.25
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR	bbl each each	\$30.00 \$1.00 \$156.25						1023	\$720.00 \$1,023.00 \$1,56.25 \$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	bbl each each each	\$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50						1023	4 \$720.00 3 \$1,023.00 1 \$156.25 2 \$30.00 2 \$3,651.65
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each each each each	\$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50 \$12.50						24 1023 2 1472	4 \$720.00 3 \$1,023.00 1 \$156.25 2 \$30.00 2 \$3,651.65
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each each	\$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50						24 1023 2 1472	4 \$720.00 3 \$1,023.00 1 \$156.25 2 \$30.00 2 \$3,651.65

Date	Operator			Well Name a	nd No.		Rig Name ar	id No.	Report No.	
10/24/21	MAGI	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	2	48	Repo	rt #12
	DAILY	USAGE 8	k COST						CUMUL	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70								\$19,440.00
Diesel Received 10-17-21	gal	\$2.77								\$19,944.00
Diesel Received 10-18-21	gal	\$2.76								\$19,320.00
Diesel Received 10-18-21	gal	\$2.76								\$19,320.00
Diesel Received 10-19-21	gal	\$2.76	2500			2500	\$6,900.00			\$19,320.00
Diesel Received 10-21-21	gal	\$2.78	7000		3000		\$11,120.00	l —		\$11,120.00
Diesel Received 10-23-21	gal	\$2.73		7206	7206		ψ11,120.00		1000	ψ11,120.00
Dieser Received 10-23-21	yaı	φ2.73		7200	7200					
								-		
								-		
								 		
								 		
	<u> </u>	I	<u> </u>	I	Delli C	ıb Tərət Ar	9 000 00		644-	E70.40
					Daily St	ıb-Total \$1	5,020.00		\$115,5	3/U.4U
	ŀ			!				_		
	Cumi	ılative Total	AES & 3rd	Party \$182	,053.88					

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	
Grand	Starting Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	
11,125	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	3,960	2,860	88	-	-	933	3,284	-
841	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	375	271	8	-	-	41	145	-
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816
65	Chemical Additions														8	31				8	18	
1,026	Base Fluid Added														322	209	128	46	80	85	156	
	Barite Increase															14	7			20		
	Weighted Mud Added			285										2,047						107		
	Slurry Added																				429	
129	Water Added														3	23		14		29	60	
4 400	Added for Washout													0.04=			405			0.10		
4,129	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	-
-	Surface Losses																			450	400	
258	Formation Loss Mud Loss to Cuttings														262	325	10			158 68	100 222	
					26										202	323	10	35		20	16	
92	Centrifuge Losses				20													18	30	20	24	
1,334					20										200	325	40			266		
	Total Losses		-	-	26	-	-	-	-	-	-	•	-	-	262	323	10	53	30	266	362	-
2,573	Mud Transferred Out			154	2,419																	
2,816	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,816
_	Mud Recovered																					
				С	omment	s <i>:</i>					С	omment	s <i>:</i>					C	omment	s <i>:</i>		
	_	10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21							10/19/21	Lost 325b	ls to mud or	n cuttings v	vhile drilling] .	
2,889		10/6/21	No losses						10/13/21								Lost 10bls up cycles.	to mud on	cuttings wh	nile drilling	and circulat	iting clean
	_	10/7/21	No losses	-					10/14/21							10/21/21						
		d plant and Transferre on HO2.		10/15/21							10/22/21											
	10/9/21								10/16/21								107 bbls o seepage.	of kill mud re	ec from mu	d plant. 157	7 BBLS lost	t to
								the HO4 to m surface i	the HO2. 28 nterval.	30bls	10/24/21	Rec 429 E	BBLS of 9.0	OBM from	mud plant							
				10/18/21							10/25/21											

Report #13 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

86.7° 10,437' TVD

Operator MAGI Well Name and No.	NOLIA (OIL & (GAS	Contractor PAT Rig Name an	TERS(ON	County / Parish / WASH	Block IINGTOI	N	Engineer Sta 10 Spud Date	ort Date /04/21	24 hr	tg. 2,541 ft	:	Drilled Dept	^h ,686	i ft
BIGHO	RN PLA	INS H	02 BH	3	248			EXAS		1	/06/21		175 ft/h		DRI	LLII	NG
Report for				Report for			Field / OCS-G #			Fluid Type		Circul	ating Rate	C	Circulating	Pressu	re
Brandon	Parks /	Jim H	larrison	То	ol Pus	her	GID	DINGS		V	VBM		352 gpn	า	3,4	42	psi
	MUD	PROPE	RTY SPECIF	ICATION	3	_	MUD VO	LUME (BB	SL)	PU	JMP #1		PUMP #2		RISER	ВОС	STER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	424	1 bbl	Liner Siz	e 4.	75 Line	r Size 4.	.75	Liner Siz	е	
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole	657	7 bbl	Stroke	1	2 Str	oke 1	12	Stroke		
				10/25/21			Active	108	1 bbl	bbl/stk	0.00	625 bb	l/stk 0.0	625	bbl/stk	(0.0000
Time Sample	Taken			0:30			Storage	207	5 bbl	stk/min	6	6 stk	/min 6	68	stk/min		
Sample Locati	on			Slug Pit			Tot. on Loc	cation 315	6 bbl	gal/min	17	'3 ga	l/min 1	78	gal/min		0
Flowline Temp	erature °F	=						PHHP = 70	6		CIRCUL	ATION DA	ATA		n = 0.73	7 K	= 15.441
Depth (ft)				16,686'			Bit C	epth = 16,	686 '		Wash	out = 0%		Pump I	Efficienc	y = 9)5%
Mud Weight (p	ppg)			8.5			Drill String	Volume	to Bit	236.3 bl	bl Str	okes To Bi	3,783	Т	ime To E	Bit 2	28 min
Funnel Vis (se	c/qt)		@ 90 °F	28			Disp.	Bottoms U	p Vol.	420.8 bl	bl Botto	msUp Stks	6,737	Botton	nsUp Tim	ie :	50 min
600 rpm				5			92.9 bbl	Riser Anı	n. Vol.	-2.1 bb	l Ri	ser Strokes	-34	Riser	Circ. Tim	ie	0 min
300 rpm				3				DRILLING	G ASS	SEMBLY I	DATA		S	OLIDS	CONT	ROL	
200 rpm				2			Tubulars	OD (in.)	ID	(in.) L	_ength	Тор	Unit		Screen	6	Hours
100 rpm				1			Drill Pipe	4.500	3.	826 1	16,553'	0'	Shake	r 1	200		
6 rpm				1			Dir. BHA	5.250	2.	688	133'	16,553'	Shake	r 2	200		
3 rpm				1			Collars					16,686'	Shake	r 3	200		
Plastic Viscosi	ity (cp)		@ 120 °F	2			Collars					16,686'	Desand	der			
Yield Point (lb/	/100 ft²)		T0 = 1	1				CASIN	IG & I	HOLE DA	TA		Desilte	er			
Gel Strength (lb/100 ft²)	10) sec/10 min	1/1			Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1			
Gel Strength (lb/100 ft ²)		30 min	1			Riser	20			108'		VOLUN	/IE ACC	COUNTI	NG (bbls)
API Filtrate / C	Cake Thick	ness					Surface	10 3/4	9.	950	3,020'	108'	Prev. 7	Total or	Location	n	2815.7
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	9,920'	108'	Transfe	erred In	ı(+)/Out(-)	
Retort Solids (Content			0.8%			Washout 1							Oil	Added (-	+)	202.7
Retort Oil Con	tent						Washout 2							Barite /	Added (-	+)	13.9
Retort Water (Content			99.2%			Oper	Hole Size	6.	750 1	16,686'		Other P	roduct I	Usage (-	+)	8.1
Sand Content				0.2%			ANI	NULAR GE	ОМЕ	TRY & RI	HEOLOG	iΥ	,	Water	Added (-	+)	657.0
M.B.T. (Methy	lene Blue	Capacity	/) (ppb)				annular	· me	eas.	velocity	/ flow	ECD	Le	eft on C	uttings (-)	-56.2
pН				7.0			section		pth	ft/min	reg	lb/gal	Non-Red	coverab	ole Vol. (-)	-40.0
Alkalinity, Mud	l Pm			0.1			0x4.5	10	08'	-425.5		8.60		Lost R	Returns (-)	-445.1
Alkalinities, Fil	trate Pf/M	f					6.875x4.	5 9,9	920'	318.9	turb	9.06	Est. 7	Γotal or	Locatio	n	3156.1
Chlorides (mg/	/L)			650			6.75x4.	5 16,	553'	340.4	turb	9.55	Est. Los	ses/Ga	ains (-)/(-	— +)	0.0
Calcium (ppm))			240			6.75x5.2	5 16,	686'	478.7	turb	9.78	BIT	HYDR.	AULICS	DAT	ГА
Excess Lime (lb/bbl)						1						Bit H.S.I.	Bit /	AP No	zzles	(32nds)
Average Spec	ific Gravity	y of Solid	ls	2.60	2.60	2.60	1						0.25	43	psi 18	3 1	18 18
Percent Low G	Gravity Sol	lids		0.7%			1						Bit Impact	Noz		3 1	18 18
Percent Drill S	olids			0.7%			1						Force	Veloc (ft/se	-		$\dashv \dashv$
PPA Spurt / To	otal (ml) @	<u> </u>	@ 0 °F				BIT D	ATA	Ma	anuf./Type	e HALLIE	BURTON PDC	116 lbs	76	·		+
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours F	ootage	ROP ft/hr	Motor/M	WD	Calc. Ci	rc. P	ressure
Sample Taker	n By			C Beasley		M Washburn	6 3/4	9,928 ft	6	2.0 7	7,105 ft	114.6	3,439	psi	4,5	52 p	psi
,													<u> </u>		,		

Remarks/Recommendations:

OBM RECEIVED: 2249bls

PLAN FORWARD: Drill curve & Lateral

Drilling with water, pumping high vis sweeps.

2499 BBLS of OBM on location currently.

Rig Activity:

Continue uniting 6-5/4 mole section, encounter water initiax since Aivi report, water 7/ in retort has increased from 22% to 42% in 12 hours rate of water influx up to 25 bbls /hr . Source of water is believed to be from nearby fracking operations. Adding diesel, emulsifiers, wetting agents, Lime and CACL2 to maintain properties and concentrations. Transferred 600 bbls out of active system and replaced with an equal amount or volume from storage. Ordered additional chemicals from Newpark $\,$ Madisonville. samples are 100% AC, MWD TEMP 230. Shut in well monitoring casing pressure 849 psi. Pumped approx 86 BBLS of 17# kill mud down kill side until psi went to 0 psi. Pumping water out of tank 8 (slug pit). Drilled to 16,686' with no returns. Contaminated mud stored in Frac Tanks 5 and 6 containing 884 BBLS.

Р	ng. 1: hone:	36	ke W 61-94	5-57	77	Ph	one:		Beasley 47-5377	WH 1: Phone:	MIDLAND 432-686-7361 ecommendation, exp	WH 2: Phone:	WH #2 - r written herein h	Rig Phone:	Daily Total	Cumulative Cost
1 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	0 0	carefully	and may be		elects, however	, no representati	on is made as to the	\$16,901.96	\$83,385.44
												INCLUDI	NG 3RD PAR	TY CHARGES	\$46,038.67	\$228,092.55

Date 10/25/21	Operator MAGI	NOLIA OIL		Well Name a BIGHOR	RN PLAINS	H02 BH	Rig Name and N 248		ort #13
	DAILY	USAGE 8	k COST						JLATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
			Inventory		Inventory	Usage	Ju, 330.	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	42 29		42 25	4	\$165.44	4	2 \$1,967.28 4 \$165.44
EVO-LUBE	gal	\$14.00	23		23		ψ105.44		Ψ Ψ100.44
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	232		176	56	\$801.92	27	2 \$3,895.04
LIME (50)	50# sk	\$5.88	250	100	300	50	\$294.00	39	
OPTI - G	50# sk	\$32.44	120		120		4=0.000	12	
BENTONE 38 (50)	50# sk	\$152.93	54		54			1	
BENTONE 910 (50)	50# sk	\$55.55	55		55			2	0 \$1,111.00
BENTONE 990 (50)	50# sk	\$88.61	70		70			2	
OPTI - MUL	gal	\$11.40	220	1100	1100	220	\$2,508.00	82	
OPTI - WET	gal	\$8.84	275	660	770	165		66	+
NEW PHALT	50# sk	\$38.72	80		80		, , , , ,	7	
OIL SORB (25)	25# sk	\$4.75	47		47			<u> </u>	1
OPTIPLUS GAL	gal	\$48.40		1100	1100				
NEW CARB (M)	50# sk	\$5.63	137		137			1	0 \$56.30
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	220		210	10	\$280.50	3	0 \$841.50
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG									
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1000	400	1200	200	\$1,634.00	80	0 \$6,536.00
OPTI DRILL (OBM)	bbl	\$75.00	2678		2600	78	\$5,850.00	7	8 \$5,850.00
Magnolia owned mud	bbl		138			138		38	_
DISCOUNTED OBM	bbl	\$15.00							
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00	2	6 \$25,740.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	2	
ENGINEERING (MILES)	each	\$1.00						102	-
FORKLIFT WITH OPERATOR	each	\$156.25							1 \$156.25
Scale Ticket	each	\$15.00				1	\$15.00		3 \$45.00
TRUCKING (cwt)	each	\$2.48				400	\$992.00	187	
TRUCKING (min)	each	\$812.50				1	\$812.50		1 \$812.50
PALLETS (ea)	each	\$12.50						3	-
SHRINK WRAP (ea)	each	\$12.50				4	\$50.00	3	5 \$437.50
		Daily S	ub-Total \$1	6,901.96	Cumulati	ve Total \$	83,385.44	\$83	,385.44

Date	Operator			Well Name a	nd No.		Rig Name an	d No. Re	port No.	
10/25/21	MAG	NOLIA OIL	& GAS	BIGHOR	N PLAINS	H02 BH	24	18	Repo	rt #13
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77								\$19,944.00
Diesel Received 10-18-21	gal	\$2.76						_		\$19,320.00
Diesel Received 10-18-21	gal	\$2.76						_		\$19,320.00
Diesel Received 10-19-21	gal	\$2.76					******	_		\$19,320.00
Diesel Received 10-21-21	gal	\$2.78			2072		\$8,340.00	<u> </u>		\$19,460.00
Diesel Received 10-23-21	gal	\$2.73	7206	7004	2079	5127	\$13,996.71	<u> </u>	5127	\$13,996.71
Diesel Received 10-24-21	gal	\$2.73	204	7201	7201		#2 COO OO	_		#2 COO OO
PROCOR PRO V PLUS PROCOR PRO X	25# sk 25# sk	\$60.00 \$70.00	304 304		244 304	60	\$3,600.00		60	\$3,600.00
PROCOR SWEEP AID	25# SK 25# Sk	\$46.00	288		288			-		
PROCOR SUPERCEAL	24-hr	\$80.00	304		264	40	\$3,200.00		40	\$3,200.00
THOUGH OF ENGLY.	2	Ψ00.00	001		201	10	ψ0,200.00	-		ψ0,200.00
								<u> </u>		
								<u> </u>		
	<u> </u>									
								<u> </u>		
								<u> </u>		
								<u> </u>		
					Daily Su	ıb-Total \$2	9,136.71		\$144,7	707.11
	Cumı	ulative Total	AES & 3rd	Party \$228	,092.55					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

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

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					WEEK 1							WEEK 2							WEEK 3			
Ī	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
7	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	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	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	16,686
	Footage Drilled	_	_	_	-	-	_	_		_	_	-	_	-	3,960	2,860	88	-	_	933	3,284	2,541
	New Hole Vol.	_		_	_	-	_		_	_	_	-	_	_	375	271	8	-	_	41	145	112
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	•
	Chemical Additions	2,004	2,004	2,004	2,120	200	200	200	200	200	200	200	200	200	8	31	2,000	2,470	2,402	8	18	
	Base Fluid Added														322	209	128	46	80	85	156	
	Barite Increase														OZZ	14	7	70	- 00	20	100	
	Weighted Mud Added			285										2,047						107		
	Slurry Added													2,0							429	
	Water Added														3	23		14		29	60	
	Added for Washout																					
4,354	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	-
	Surface Losses													,								
	Formation Loss																			158	100	
	Mud Loss to Cuttings														262	325	10			68	222	
	Unrecoverable Volume				26													35		20	16	
112	Centrifuge Losses																	18	30	20	24	
4.076	Tataliliana				200										200	225	40	50	20	200	200	
,	Total Losses	•	-	-	26	•	-	-	_	-	-	-	-	-	262	325	10	53	30	266	362	-
2,573	Mud Transferred Out			154	2,419																	
2,499	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,816
	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s <i>:</i>		
		10/5/21	Received :	2594bls fro	m Rommel	pad.			10/12/21							10/19/21	Lost 325bl	s to mud or	n cuttings w	hile drilling	ļ.	
2,889		10/6/21	No losses.						10/13/21								Lost 10bls up cycles.	to mud on	cuttings wh	ile drilling a	and circula	ating clean
																	up oyoloo.					
		10/7/21	No losses.						10/14/21							10/21/21						
		10///21	NO losses.						10/14/21							10/21/21						
					nsportation																	
		10/8/21	displacem OBM to the		ent for surfa ring 280bls			d 2419bls	10/15/21							10/22/21						
					g																	
		10/9/21							10/16/21							110/23/21	107 bbls o seepage.	f kill mud re	ec from mu	d plant. 157	BBLS los	st to
		10/10/21								Transferre alreadty pr			the HO4 to m surface i		80bls	10/24/21	Rec 429 B	BLS of 9.0	OBM from	mud plant		
		10/10/21													80bls	10/24/21	Rec 429 B	BLS of 9.0	OBM from	mud plant		

Report #14 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

1.0° 739' TVD

	NOLIA (OIL &	GAS		TERS	ON		Block	N		rt Date /04/21	24 hr f	403 ft			17,0	89 ft	t
Well Name and No.	RN PLA	AINS H	102 BH	Rig Name an	d No. 248			EXAS			06/21		0 ft/hr		Activity	TI		
Report for Brandon	Parks /	/ .lim k	- - -	Report for	ol Pus	her	Field / OCS-G #	DINGS		Fluid Type	/BM	Circula	ating Rate 0 gpm		Circula	ting Pre	ssure	
Brandon			RTY SPECIF					LUME (BE	RI)		MP #1		PUMP #2		RIS	ER B		TER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits		4 bbl	Liner Size		75 Line		.75		Size		
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole		2 bbl	Stroke				12	Stro			
				10/26/21		10/25/21	Active	50	7 bbl	bbl/stk	0.0	625 bb	l/stk 0.0	625	bbl	/stk	0.0	0000
Time Sample	Taken			0:30		14:00	Storage	e <u>192</u>	23 bbl	stk/min		stk	/min		stk/	min		
Sample Locati	on			Slug Pit		Slug Pit	Tot. on Lo	cation 316	9 bbl	gal/min		0 gal	l/min	0	gal/	min	(0
Flowline Temp	erature °F	=						PHHP = 0			CIRCUL	ATION DA	ATA		n = 0	.737	K = 1	5.441
Depth (ft)				17,089'		17,088'	Bit	Depth = 7	40 '		Wash	out = 0%		Pump	Effici	ency =	= 95%	6
Mud Weight (p	ppg)			8.3		8.3	Drill String	Volume	e to Bit	9.6 bbl	St	rokes To Bit	_ i		Time '	To Bit		
Funnel Vis (se	c/qt)		@ 90 °F	27		27	Disp.	Bottoms U	Jp Vol.	13.5 bb	l Botto	omsUp Stks	i	Botto	msUp	Time		
600 rpm				5		5	5.9 bbl	Riser An	n. Vol.	-2.1 bbl	R	iser Strokes	i	Rise	r Circ.	Time		
300 rpm				3		3		DRILLIN	G ASS	SEMBLY D	DATA		S	OLID	s co	NTRO	L	
200 rpm	·			2		2	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Unit		Scre	ens	Но	ours
100 rpm	0 rpm			1		1	Drill Pipe	4.500	3.	826	607'	0'	Shake	r 1	20	00		
6 rpm	•			1		1	Dir. BHA	5.250	2.	688	133'	607'	Shake	r 2	20	00		
3 rpm				1			Collars					740'	Shake	r 3	20	00		
Plastic Viscosi	ity (cp)		@ 120 °F	2		2	Collars					740'	Desand	der				
Yield Point (lb/	/100 ft²)		T0 = 1	1		1		CASI	NG & H	HOLE DAT	ГА		Desilte	er				
Gel Strength (l	lb/100 ft²)	1	0 sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1				
Gel Strength (I	lb/100 ft ²)		30 min	1		1	Riser	20			108'		VOLUN	ME AC	cou	NTING	(bb	ls)
API Filtrate / C	ake Thick	rness					Surface	10 3/4	9.	950 3	3,020'	108'	Prev. 7	Total o	n Loc	ation	3	156.1
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875 9	9,920'	108'	Transfe	erred I	n(+)/C	Out(-)		51.0
Retort Solids (Content			0.1%		0.1%	Washout 1							Oil	Adde	d (+)		1.3
Retort Oil Con	tent						Washout 2							Barite	Adde	d (+)		21.0
Retort Water 0	Content			99.9%		99.9%	Oper	n Hole Size	6.	750 1	7,089'		Other P	roduct	Usag	e (+)		0.0
Sand Content				0.2%		0%	ANI	NULAR GI	EOME.	TRY & RH	IEOLO	¥Υ		Water	Adde	d (+)		124.4
M.B.T. (Methy	lene Blue	Capacit	y) (ppb)				annulai	r m	eas.	velocity	flow	ECD	Le	eft on (Cutting	gs (-)		0.0
рН				7.0		7.0	section	ı de	epth	ft/min	reg	lb/gal	Non-Red	covera	ble V	ol. (-)		
Alkalinity, Mud	l Pm			0.1		0.1	0x4.5	1	08'	0.0		8.30		Lost	Retur	ns (-)	-	185.0
Alkalinities, Fil	trate Pf/M	lf					6.875x4	.5 6	07'	0.0	lam	8.30	Est. 7	Total o	n Loc	ation	3	168.8
Chlorides (mg/	/L)			550		550	6.875x5.	25 7	40'	0.0	lam	8.30	Est. Los	ses/G	ains (-)/(+)		0.0
Calcium (ppm)				180		180							BIT	HYDF	RAUL	CS D	ATA	
Excess Lime (lb/bbl)												Bit H.S.I.	Bit	ΔΡ	Nozz	es (3	2nds)
Average Spec	ific Gravit	y of Soli	ds	2.60	2.60	2.60							0.00	ŗ	osi	18	18	18
Percent Low G	Percent Low Gravity Solids					0%							Bit Impact		zzle ocity	18	18	18
Percent Drill S	Percent Drill Solids												Force		sec)			
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ма	nuf./Type	HALLI	BURTON PDC	0 lbs	(0			
Estimated Total	stimated Total LCM in System ppb						Size	Depth In	Но	ours F	ootage	ROP ft/hr	Motor/M	WD	Calc	. Circ.	Pres	sure
Sample Taken	Ву			C Beasley		M Washburn	6 3/4	17,089 ft	C	0.0	0 ft	#DIV/0!	psi					
Remarks/Reco	mmendati	ons:					Rig Activity:											

OBM RECEIVED: 2729 bls

PLAN FORWARD: Drill Lateral

Drilling with water, pumping high vis sweeps.

2407 BBLS of OBM on location currently.

Drill 6-3/4" hole to 17088 with no returns on mud cap, reduction in ROP, pull out of hole to inspect bit and BHA. Wash and back ream up to 10744 circulating drill water down DP. At 10744 start pulling out conventionaly filling casing with calculated pipe displacement using 10.0# high water content OBM from storage. POOH and LD BHA. P/U new BHA with bit passing 740'.

Eng. 1:	Mi	ke W	ashbı	ırn	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phone:	3	61-94	5-577	77	Ph	one:	903-7	47-5377	Phone:	432-686-7361	Phone:	-			
W P 0 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however,	, no representation	as been prepared on is made as to the	\$21,080.50	\$104,465.94
											INCLUDI	NG 3RD PAR	TY CHARGES	\$21,080.50	\$249,173.05

Date 10/26/21	Operator MAG I	NOLIA OIL		Well Name a BIGHOR	ind No. RN PLAINS	H02 BH	Rig Name ar 2	nd No. 48	Report No. Repo l	rt #14
	DAILY	USAGE 8	COST				•		CUMUL	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
			Inventory	Received	Inventory	Usage	Daily Cost		Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	42 25		42 25			4	42	\$1,967.28 \$165.44
EVO-LUBE	gal	\$14.00	25		23			-	4	φ103.44
NEW GEL (PREMIUM)	100# sk	\$11.54						•		
ALUMINUM TRISTEARATE	25# sk	\$81.16						1		
]		
								-		
CACL2 (50)	50# sk	\$14.32	176		176			1	272	\$3,895.04
LIME (50)	50# sk	\$5.88	300		300]	398	\$2,340.24
OPTI - G	50# sk	\$32.44	120		120				120	• •
BENTONE 38 (50)	50# sk	\$152.93	54		54			4	14	\$2,141.02
BENTONE 910 (50) BENTONE 990 (50)	50# sk	\$55.55 \$88.61	55 70		55 70			4	20	- '
OPTI - MUL	gal	\$11.40	1100		1100			-	825	\$9,405.00
OPTI - WET	gal	\$8.84	770		715	55	\$486.20	1	715	· '
NEW PHALT	50# sk	\$38.72	80		80			1	78	\$3,020.16
OIL SORB (25)	25# sk	\$4.75	47		47]		
OPTIPLUS GAL	gal	\$48.40	1100		1100					
		1						1		
		1						1		
NEW CARB (M)	50# sk	\$5.63	137		137			1	10	\$56.30
CYBERSEAL	25# sk	\$24.40	.07					1		‡20.00
MAGMAFIBER F (25)	25# sk	\$28.05	210		210]	30	\$841.50
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50						-		
FIBER PLUG	50# als	¢40.54	40		40			1		
NUT PLUG M (50) MICA F (50)	50# sk	\$10.51 \$10.38	40 40		40 40					
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64			1		
		V						1		
								1		
]		
								1		
NEW WATE (SACK BARITE)	100# sk	\$10.73	80	400	80	200	© 407.04	4	4400	#0.000.04
BARITE BULK (100)	100# sk	\$8.17	1200	402	1300	302	\$2,467.34	-	1102	\$9,003.34
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OPTI DRILL (OBM)	bbl	\$75.00	2600	51	2450	201	\$15,075.00	-	-	\$20,925.00
Magnolia owned mud	bbl	¢45.00						4	387	
DISCOUNTED OBM	bbl	\$15.00						1		
								1		
								1		
								1		
]		
								<u> </u>		
		 						1		
		 						1		
								1		
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00	1	28	\$27,720.00
ENGINEERING (DIEM)	bbl	\$30.00				2			28	\$840.00
ENGINEERING (MILES)	each	\$1.00]	1023	\$1,023.00
EODIA (ET)		*						1		* • = -
	each	\$156.25					ф4 F ^ ^	1	1	\$156.25
FORKLIFT WITH OPERATOR	each	\$15.00				1	\$15.00		4	\$60.00
Scale Ticket		ድኃ ላባ			1	400	\$00c 00		2274	\$5 610 61
Scale Ticket TRUCKING (cwt)	each	\$2.48 \$812.50				402	\$996.96	-	2274	\$5,640.61 \$812.50
Scale Ticket		\$2.48 \$812.50 \$12.50				402	\$996.96			\$5,640.61 \$812.50 \$387.50
Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each	\$812.50				402	\$996.96		1	\$812.50

Date	Operator			Well Name a	and No.		Rig Name ar	ıd No. Re	eport No.	
10/26/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	rt #14
	DAILY	USAGE 8	& COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-19-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-21-21	gal	\$2.78							7000	\$19,460.00
Diesel Received 10-23-21	gal	\$2.73	2079		2079				5127	\$13,996.71
Diesel Received 10-24-21	gal	\$2.73	7201		7201					
PROCOR PRO V PLUS	25# sk	\$60.00	244		244				60	\$3,600.00
PROCOR PRO X	25# sk	\$70.00	304		304					
PROCOR SWEEP AID	25# sk	\$46.00	288		288					
PROCOR SUPERCEAL	24-hr	\$80.00	264		264			<u> </u>	40	\$3,200.00
								<u>-</u>		
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	<u> </u>	1	<u>I</u>	<u>I</u>	i e	1	1	 	6444	707 11
									\$144,7	107.11
	Cum	ulative Total	I AES & 3rd	Party \$249	,173.05					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

Well Name:

MAGNOLIA OIL & GAS

248

					WEEK 1							WEEK 2							WEEK 3			
ľ	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21	10/25/2
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	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	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	16,686
	· ·	5,020		-	-	-	-	-	-	-	-	-	-	-			88	-	-			2,541
	Footage Drilled	 	-	-			-			-		-	-	-	3,960 375	2,860 271	8			933 41	3,284	
	New Hole Vol.				-	-		-	-		-						_	-	-		145	112
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816
	Chemical Additions														8	31				8	18	18
	Base Fluid Added														322	209	128	46	80	85	156	203
	Barite Increase															14	7			20		14
	Weighted Mud Added			285										2,047						107		
	Slurry Added																				429	
															3	23		14		29	60	
-	Added for Washout																					
4,457	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	235
-	Surface Losses																					
888	Formation Loss																			158	100	445
944	Mud Loss to Cuttings														262	325	10			68	222	57
122	Unrecoverable Volume				26													35		20	16	25
117	Centrifuge Losses																	18	30	20	24	25
0.074	Tatallacas				00										000	205	40	- 50	00	200	200	550
,-	Total Losses	<u> </u>	-	-	26	•	-	-	-	-	-	•	-	-	262	325	10	53	30	266	362	552
_,	Mud Transferred Out			154	2,419																	
2,407	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,499
-	Mud Recovered																					
				С	omments	s <i>:</i>							c ·									
		10/5/21									С	omment	s.					С	omments	s <i>:</i>		
			Received	2594bls fro	m Rommel	pad.			10/12/21		С	omment	5.			10/19/21	Lost 325bl		n cuttings w		ļ.	
2,940		10/6/21	Received No losses		m Rommel	pad.			10/12/21		c	omment	s.			10/19/21 10/20/21		ls to mud or		hile drilling		ting clean
2,940					m Rommel	pad.					<u> </u>	omment	3.				Lost 10bls	ls to mud or	n cuttings w	hile drilling		ting clean
2,940			No losses No losses Lost 26bls displacem		sportation t	to/from mu	Transferre		10/13/21		C	omment	3.			10/20/21	Lost 10bls	ls to mud or	n cuttings w	hile drilling		ting clear
2,940		10/7/21	No losses No losses Lost 26bls displacem	. during tran	sportation t	to/from mu	Transferre		10/13/21		C	omment	5.			10/20/21	Lost 10bls up cycles.	s to mud on	n cuttings w	itile drilling	and circula	
2,940		10/7/21	No losses No losses Lost 26bls displacem	. during tran	sportation t	to/from mu	Transferre	d 2419bls	10/13/21 10/14/21 10/15/21 10/16/21		d 2047bls (DBM from t		the HO2. 20 interval.	30bls	10/20/21 10/21/21 10/22/21 10/23/21	Lost 10bls up cycles. 107 bbls o seepage.	s to mud on	n cuttings w	rhile drilling	and circula	

Report #15 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

86.7° 10,496' TVD

Operator				Contractor			County / Parish /	Block		Engineer S	tart Date	24 h	nr ftg.		Drilled [Depth	
MAGI	NOLIA (OIL & G	SAS		TERS	NC	WASH	HINGTO	N		0/04/21		618	ft			07 ft
Well Name and No.		UNIC LIC	12 BU	Rig Name an	d No. 248		State	EXAS		Spud Date	nine in		rent ROP	//-	Activity		ina
BIGHO!	KN PLA	AINS FIL)2 БП	Report for	240		Field / OCS-G #	EXAS		Fluid Type	0/06/21		165 ft	/III		Drill ing Pres	•
Brandon	Parks /	/ Jim H	arrison	То	ol Pus	her	GID	DINGS		,	WBM		352 g	pm	3	,362	psi
	MUD	PROPER	TY SPECIF	CATIONS	5		MUD VO	LUME (BB	BL)	Р	UMP #1		PUMP	#2	RIS	ER BO	OOSTER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	532	2 bbl	Liner Si	ize 4	.75 Lir	ner Size	4.75	Liner	Size	
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole	697	7 bbl	Stroke	Э	12 5	Stroke	12	Stro	ke	
		I		10/27/21		10/26/21	Active	122	9 bbl	bbl/stl	k 0.	0625 I	obl/stk	0.0625	bbl/	stk (0.0000
Time Sample	Taken			0:30		14:00	Storage	e <u>180</u>	7 bbl	stk/mi	in	66 s	stk/min	68	stk/i	min	
Sample Locati	on			Slug Pit		Slug Pit	Tot. on Lo	cation 303	6 bbl	gal/mi	in ´	73	jal/min	178	gal/i	min	0
Flowline Temp	erature °F	=						PHHP = 69	0		CIRCU	LATION [DATA		n = 0	.737	K = 15.441
Depth (ft)				17,707'		17,088'	Bit D	Depth = 17,	707 '		Was	hout = 0%	ò	Pump	Efficie	ency =	95%
Mud Weight (p	pg)			8.3		8.3	Drill String	Volume	to Bit	250.8 b	obl S	trokes To I	Bit 4,01	6	Time 7	Го Bit	30 min
Funnel Vis (se	c/qt)		@ 90 °F	27		27	Disp.	Bottoms U	lp Vol.	445.9 b	obl Bot	tomsUp St	ks 7,13	8 Botto	omsUp	Time	53 min
600 rpm				5		5	98.4 bbl	Riser Anı	n. Vol.	-2.1 bl	bl F	Riser Strok	es -34	Rise	er Circ.	Time	0 min
300 rpm				3		3		DRILLING	G ASS	SEMBLY	DATA			SOLID	s cor	NTRO	L
200 rpm	·			2		2	Tubulars	OD (in.)	ID	(in.)	Length	Тор	ι	Jnit	Scre	ens	Hours
100 rpm	•			1		1	Drill Pipe	4.500	3.	826	17,574'	0'	Sha	aker 1	20	00	
6 rpm	·			1		1	Dir. BHA	5.250	2.	688	133'	17,574	.' Sha	aker 2	20	00	
3 rpm				1			Collars					17,707	" Sha	aker 3	20	00	
Plastic Viscosi	ty (cp)		@ 120 °F	2		2	Collars					17,707	" Des	ander			
Yield Point (lb/	100 ft²)		T0 = 1	1		1		CASIN	IG & I	HOLE DA	ATA		De	silter			
Gel Strength (l	b/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор	Cent	rifuge 1			
Gel Strength (l	b/100 ft ²)		30 min	1		1	Riser	20			108'		VOI	UME AC	CCOU	NTING	(bbls)
API Filtrate / C	ake Thick	rness					Surface	10 3/4	9.	950	3,020'	108'	Pre	v. Total	on Loc	ation	3168.9
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	9,920'	108'	Tra	nsferred	In(+)/C	Out(-)	156.0
Retort Solids (Content			0.1%		0.1%	Washout 1							Oi	il Adde	d (+)	79.5
Retort Oil Con	tent						Washout 2							Barite	e Adde	d (+)	20.9
Retort Water (Content			99.9%		99.9%	Oper	n Hole Size	6.	750	17,707'		Othe	r Produc	t Usag	e (+)	0.6
Sand Content				0.2%		0%	ANI	NULAR GE	ОМЕ	TRY & R	HEOLO	GY		Wate	r Adde	d (+)	
M.B.T. (Methy	lene Blue	Capacity)	(ppb)				annulai	r me	eas.	velocit	ty flow	ECD		Left on	Cutting	gs (-)	0.0
pН				7.2		7.0	section	de	epth	ft/min	reg	lb/gal	Non-	Recover	able Vo	ol. (-)	-144.2
Alkalinity, Mud	Pm			0.1		0.1	0x4.5	10	08'	-425.	5	8.44		Lost	Returr	ns (-)	-246.0
Alkalinities, Fil	trate Pf/M	lf					6.875x4	.5 9,9	920'	318.9	9 turk	8.90	E	st. Total	on Loc	ation	3035.8
Chlorides (mg/	L)			600		550	6.75x4.	5 17,	574'	340.4	4 turk	9.42	Est.	Losses/C	Gains (-)/(+)	0.0
Calcium (ppm)				180		180	6.75x5.2	25 17,	707'	478.7	7 turk	9.63	1	BIT HYD	RAULI	CS D	ATA
Excess Lime (lb/bbl)												Bit H.	S.I. Bit	tΔP	Nozzl	es (32nds)
Average Spec	verage Specific Gravity of Solids			2.60	2.60	2.60							0.24	42	psi	18	18 18
Percent Low G	Percent Low Gravity Solids					0%							Bit Imp	act I	zzle ocity	18	18 18
Percent Drill S	Percent Drill Solids												Forc	Δ Ι	sec)		
PPA Spurt / To	PPA Spurt / Total (ml) @ @ 0 °						BIT D	ATA	Ma	anuf./Typ	e HALI	IBURTON PI	DC 114 I	bs	76		
Estimated Total	Estimated Total LCM in System ppb						Size	Depth In	Н	ours	Footage	ROP ft/	hr Moto	r/MWD	Calc	Circ.	Pressure
Sample Taken	Ву			C Beasley		M Washburn	6 3/4	17,089 ft	8	3.0	618 ft	77.3	3,36	62 psi		4,526	psi
1							1										

Remarks/Recommendations:

OBM RECEIVED: 2885 bls

PLAN FORWARD: Drill Lateral

Drilling with water, pumping high vis sweeps.

2339 BBLS of OBM on location currently.

Rig Activity:

Trip in hole with BHA #4 to 2895 casing pressure 268 PSI, pump 135 bbls 0f 16.6 kill mud down annulus, well static, continue to trip in hole to 15850, encounter tight hole conditions, begin circulating water, wash and ream to 16859, on mud cap, attempting to ream thruogh tight hard section at 16873. Drilled to 17,707'. 71 BBLS of 16.5 PPG kill mud was used to reduce casing psi to 0 @ 17,502'. Adding PHPA to drill water to aid in hole cleaning, periodically pumping 10 - 20 bbls OBM sweep with high water content OBM. Receiving additional OBM from Newpark Madisonville WH.

Eng. 1	/like W 361-94			5		Beasley 47-5377	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
W P 0 1		G 1		S 0	C 0	Any opin	nion and or re	ecommendation, ex	pressed orally or elects, however	, no representati	nas been prepared on is made as to the	\$22,137.85	\$126,603.79
									INCLUDI	NG 3RD PAR	TY CHARGES	\$30,955.75	\$280,128.80

Date 10/27/21	Operator MAGI	NOLIA OIL		Well Name a BIGHOR	RN PLAINS	H02 BH	Rig Name ar 2	d No. Rep	oort No. Repo	rt #15
	DAILY	USAGE 8	COST				•	(CUMUI	ATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cost
CARR (FO)	50# sk	\$46.84	Inventory 42		Inventory 42	Usage	-		Jsage 42	\$1,967.28
SAPP (50) PHPA LIQUID (pail)	50# sk	\$41.36	25		20	5	\$206.80		9	\$372.24
EVO-LUBE	gal	\$14.00					\$200.00			ψο. Ε.Ε.
NEW GEL (PREMIUM)	100# sk	\$11.54								
ALUMINUM TRISTEARATE	25# sk	\$81.16								
CACL2 (50)	50# sk	\$14.32	176		176				272	\$3,895.04
LIME (50)	50# sk	\$5.88	300		300				398	\$2,340.24
OPTI - G	50# sk	\$32.44	120		120				120	\$3,892.80
BENTONE 38 (50)	50# sk	\$152.93	54		54				14	\$2,141.02
BENTONE 910 (50)	50# sk	\$55.55	55 70		55 70				20	\$1,111.00
BENTONE 990 (50) OPTI - MUL	50# sk	\$88.61 \$11.40	1100		1100			_	26 825	\$2,303.86 \$9,405.00
OPTI - WET	gal gal	\$8.84	715		605	110	\$972.40		825	\$7,293.00
NEW PHALT	50# sk	\$38.72	80		80	110	ψ512.40		78	\$3,020.16
OIL SORB (25)	25# sk	\$4.75	47		47			<u> </u>	, ,	Ţ=,0 <u>=</u> 0.10
OPTIPLUS GAL	gal	\$48.40	1100		1100					
NEW CARB (M)	50# sk	\$5.63	137		137				10	\$56.30
CYBERSEAL	25# sk	\$24.40								****
MAGMAFIBER F (25)	25# sk	\$28.05	210		210				30	\$841.50
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50								
FIBER PLUG										
NUT PLUG M (50)	50# sk	\$10.51	40		40					
MICA F (50)	50# sk	\$10.38	40		40					
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64					
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80					
BARITE BULK (100)	100# sk	\$8.17	1300	401	1400	301	\$2,459.17		1403	\$11,462.51
								_		
								_		
								_		
OPTI DRILL (OBM)	bbl	\$75.00	2450	156	2400	206	\$15,450.00		485	\$36,375.00
Magnolia owned mud	bbl								387	
DISCOUNTED OBM	bbl	\$15.00								
										İ
ENGINEERING (24 HR)	each	\$990 00				2	\$1.980 00		30	\$29,700 00
	each bbl	\$990.00				2 2	\$1,980.00 \$60.00		30	\$29,700.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)		\$990.00 \$30.00 \$1.00					\$1,980.00			\$29,700.00 \$900.00 \$1,023.00
ENGINEERING (MILES)	bbl each	\$30.00 \$1.00							30 1023	\$900.00 \$1,023.00
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR	bbl each each	\$30.00					\$60.00		30 1023 1	\$900.00 \$1,023.00 \$156.25
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	bbl each	\$30.00 \$1.00 \$156.25 \$15.00				2	\$60.00 \$15.00		30 1023 1 5	\$900.00 \$1,023.00 \$156.25 \$75.00
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt)	bbl each each	\$30.00 \$1.00 \$156.25				1	\$60.00		30 1023 1	\$900.00 \$1,023.00 \$156.25
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	each each each	\$30.00 \$1.00 \$156.25 \$15.00 \$2.48				1	\$60.00 \$15.00		30 1023 1 5 2675	\$900.00 \$1,023.00 \$156.25 \$75.00 \$6,635.09
ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each each	\$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50				1	\$60.00 \$15.00		30 1023 1 5 2675	\$900.00 \$1,023.00 \$156.25 \$75.00 \$6,635.09 \$812.50

Date	Operator							id No.	Report No.	
10/27/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	rt #15
	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 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-19-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-21-21	gal	\$2.78							7000	\$19,460.00
Diesel Received 10-23-21	gal	\$2.73	2079			2079	\$5,675.67		7206	\$19,672.38
Diesel Received 10-24-21	gal	\$2.73	7201		6050	1151	\$3,142.23		1151	\$3,142.23
PROCOR PRO V PLUS	25# sk	\$60.00	244		244				60	\$3,600.00
PROCOR PRO X	25# sk	\$70.00	304		304					
PROCOR SWEEP AID	25# sk	\$46.00	288		288					
PROCOR SUPERCEAL	24-hr	\$80.00	264		264				40	\$3,200.00
							1			
							1			
							1			
							1			
							1			
							1			
					Daily S	ub-Total \$8	8,817.90		\$153,5	525.01
	_				100.5					
	Cumi	ulative Total	AES & 3rd	Party \$280	,128.80					
	_					•				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name:

MAGNOLIA OIL & GAS

248

	E :	10/7/2	101212	105:	WEEK 1	101515	1011-1-	1011:15:	1011-1-1	1011-1-	1011 :10 :	WEEK 2	101/25	104-10:1	10/1-7-	1011-1-	1010212	1010:10:	WEEK 3	10/05/5	1010:15:	1015-15
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21		10/13/21		10/15/21		10/17/21		10/19/21			10/22/21	10/23/21		10/25/2
	Bit Size	Tue 13 1/2	Wed 13 1/2	Thu 13 1/2	Fri 13 1/2	Sat 13 1/2	Sun 13 1/2	Mon 13 1/2	Tue 13 1/2	Wed 13 1/2	Thu 13 1/2	Fri 13 1/2	Sat 13 1/2	Sun 13 1/2	Mon 9 7/8	Tue 9 7/8	Wed 9 7/8	Thu 6 3/4	Fri 6 3/4	Sat 6 3/4	Sun 6 3/4	Mon 6 3/4
Grand		3,020			3,020	3,020	3,020	3,020	3,020			3,020	3,020	3,020			9,840	9,928	+			14,145
	Starting Depth	<u> </u>	3,020	3,020		-	-			3,020	3,020	-	<u> </u>		3,020	6,980		<u> </u>	9,928	9,928	10,861	
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	16,686
	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	3,960	2,860	88	-	-	933	3,284	2,541
999	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	375	271	8	-	-	41	145	112
	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816
	Chemical Additions														8	31				8	18	18
	Base Fluid Added														322	209	128	46	80	85	156	203
	Barite Increase															14	7			20		14
	Weighted Mud Added			285										2,047						107	100	
	Slurry Added																	4.4		00	429	
	Water Added														3	23		14		29	60	
- 1 00 5	Added for Washout																					
4,635	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	235
-	Surface Losses																					
1,134	Formation Loss																			158	100	445
	Mud Loss to Cuttings														262	325	10			68	222	57
122	Unrecoverable Volume				26													35		20	16	25
117	Centrifuge Losses																	18	30	20	24	25
2,317	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	30	266	362	552
2,573	Mud Transferred Out			154	2,419																	
2,339	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,499
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					C	omment	s:		
		10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21							10/19/21	Lost 325b	ls to mud o	n cuttings w	hile drilling	j.	
3,096		10/6/21	No losses						10/13/21							10/20/21	Lost 10bls up cycles.	s to mud on	cuttings wh	ile drilling	and circula	ting clean
		10/7/21	No losses						10/14/21							10/21/21						
		10/8/21	displacem	during tran ent of ceme e HO4 leav	ent for surfa	ice casing.	Transferre		10/15/21							10/22/21						
		10/9/21							10/16/21							10/23/21	107 bbls o seepage.	of kill mud r	ec from mu	d plant. 157	7 BBLS los	t to
		10/10/21									d 2047bls (re-loaded in			the HO2. 28 interval.	80bls	10/24/21	Rec 429 B	BLS of 9.0	OBM from	mud plant		
		10/11/21							10/18/21	Lost 262bl	s to mud o	n cuttings v	vhile drillin	g.		10/25/21	rec 51 BB	LS of 17.5	from mud p	lant		

Well Na

110 Old Market St. St Martinville, LA 70582

me and No

MAGNOLIA OIL & GAS

OUTSOURCE FLUID SOLUTIONS LLC.

WASHINGTON

PATTERSON

Name and No

10/04/21

Report #17 TEL: (337) 394-1078 17.6° 9,499' TVD 0 ft 18,929 ft 0 ft/hr Casing irculating Pressure 0 qpm psi PUMP #2 RISER BOOSTER 4.75 Liner Size 12 Stroke 0.0625 bbl/stk 0.0000 stk/min gal/min 0 0 n = 0.737 K = 15.441 Pump Efficiency = 95% Time To Bit BottomsUp Time Riser Circ. Time **SOLIDS CONTROL** Unit Screens Hours Shaker 1 200 Shaker 2 200 Shaker 3 200 Desander Desilter Centrifuge 1 **VOLUME ACCOUNTING (bbls)** 3089.1 Prev. Total on Location Transferred In(+)/Out(-) 478.0 Oil Added (+) 0.0 Barite Added (+) 0.0 Other Product Usage (+) 0.0 28.3 Water Added (+) Left on Cuttings (-) 0.0 Non-Recoverable Vol. (-) -637.0 Lost Returns (-) 2958.4 Est. Total on Location Est. Losses/Gains (-)/(+) 0.0 **BIT HYDRAULICS DATA** Bit H.S.I. Bit ΔP Nozzles (32nds) 0.00 18 18 18 Nozzle 18 18 18 Bit Impact Velocity 0 lbs 0 Motor/MWD Calc. Circ. Pressure

BIGHORN PLAINS H02 BH 10/06/21 248 **TEXAS** Field / OCS-G # -luid Type irculating Rate **Tool Pusher GIDDINGS Brandon Parks / Jim Harrison WBM** MUD PROPERTY SPECIFICATIONS PUMP #1 MUD VOLUME (BBL) Weight **GELS** API fl % Solids In Pits 515 bbl Liner Size 4.75 Liner Size рΗ 8.4-9.6 0-10 <5 <10 6-9 <25 2-10 In Hole 785 bbl Stroke 12 Stroke 0-10 10/29/21 10/28/21 895 bbl 0.0625 bbl/stk Time Sample Taken 0:30 14:00 Storage 1658 bbl stk/min stk/min gal/min Sample Location Slug Pit Slug Pit Tot. on Location 2958 bbl gal/min O Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) 18.929 18 929 Bit Depth = 9,774 ' Washout = 0% Mud Weight (ppg) 8 4 8 4 Volume to Bit 174 2 bbl Strokes To Bit **Drill String** Disp. Funnel Vis (sec/qt) @ 90 °F 28 28 Bottoms Up Vol. 205.7 bbl BottomsUp Stks 5 600 rpm 5 63.9 bbl Riser Ann Vol -3.2 bbl Riser Strokes 3 **DRILLING ASSEMBLY DATA** 3 300 rpm 2 2 OD (in.) 200 rpm **Tubulars** ID (in.) Length Top 1 1 Drill Pipe 4.768 0' 100 rpm 5.500 138' 1 Dir. BHA 5.000 4.276 9,636' 138' 6 rpm 1 1 Collars 9,774' 3 rpm 2 2 Collars 9.774 Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = 1 1 **CASING & HOLE DATA** 1/1 1/1 OD (in.) ID (in.) Gel Strength (lb/100 ft²) 10 sec/10 min Casing Depth Top 30 min 1 1 108' Riser 20 Gel Strength (lb/100 ft2) Surface 10 3/4 9.950 3.020' 108' API Filtrate / Cake Thickness HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg. 7 5/8 6.875 9,920' 108' Retort Solids Content 0.4% 0.4% Washout 1 Retort Oil Content Washout 2 Retort Water Content 99.6% 99.6% Open Hole Size 6.750 18.929 **ANNULAR GEOMETRY & RHEOLOGY** 0.2% 0.2% Sand Content M.B.T. (Methylene Blue Capacity) (ppb) annular velocity flow FCD meas section depth ft/min reg lb/gal 7.2 7.1 Ha 0x5.5 108 0.0 8.40 0.1 0.1 Alkalinity, Mud Pm Alkalinities, Filtrate Pf/Mf 6.875x5.5 138 0.0 8.40 lam 6.875x5 650 600 9,774 0.0 8.40 Chlorides (mg/L) lam 180 180 Calcium (ppm) Excess Lime (lb/bbl) 2.60 Average Specific Gravity of Solids 2.60 0.4% 0.4% Percent Low Gravity Solids Percent Drill Solids 0.4% 0.4% PPA Spurt / Total (ml) @ @ 0 °F **BIT DATA** Manuf./Type HALLIBURTON PDC ppb ROP ft/hr Estimated Total LCM in System Size Depth In Hours Footage P. Blair Sample Taken By C Beasley 6 3/4 Remarks/Recommendations: Rig Activity:

OBM RECEIVED: 3042 bls

PLAN FORWARD: POOH

2332 BBLS of OBM on location currently.

Backream out of hole T/14,096'. SOOH T/3,000', pump calculated fill down backside with 10.5 ppg OBM. Pump 60 bbls 17.0 ppb OBM kill mud down backside, verify 0 csg psi, open 4" on choke. Remove rotating head/install trip nipple. POOH F/3,000' T/BHA, pump calibrated fill down backside with 10.5 ppg OBM. R/U casing equipment and Run 5" casing to 9774 @ time of report.

Eı	ng. 1:	F	Patric	k Bla	ir	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pl	none:	93	36-46	5-09	52	Pł	hone:	903-7	47-5377	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 1	A 1	S 0	C 0	carefully	and may be		elects, however	, no representati	nas been prepared on is made as to the	\$51,165.00	\$197,213.29
												INCLUDI	TY CHARGES	\$51,165.00	\$355,515.80	

Date 10/29/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a BIGHOR	ING NO.	H02 BH	Rig Name ar	10 No. 48	Report No. Repo	rt #17
	DAILY	USAGE 8	COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
			Inventory	Received	Inventory	Usage	Daily Cost		Usage	
SAPP (50)	50# sk	\$46.84	42		42				9	
PHPA LIQUID (pail) EVO-LUBE	5 gal gal	\$41.36 \$14.00	84		84				9	\$372.2
NEW GEL (PREMIUM)	100# sk	\$11.54								
ALUMINUM TRISTEARATE	25# sk	\$81.16								
CACL2 (50)	50# sk	\$14.32	400		400				272	\$3,895.04
LIME (50)	50# sk	\$5.88	500		500				398	\$2,340.24
OPTI - G	50# sk	\$32.44	120		120				120	. ,
BENTONE 38 (50)	50# sk	\$152.93	54		54				14	
BENTONE 910 (50) BENTONE 990 (50)	50# sk	\$55.55 \$88.61	55 70		55 70				20	- '
OPTI - MUL	gal	\$11.40	1100		1100				825	
OPTI - WET	gal	\$8.84	605		605				825	\$7,293.00
NEW PHALT	50# sk	\$38.72	80		80				78	
OIL SORB (25)	25# sk	\$4.75	47		47				_	
OPTIPLUS GAL	gal	\$48.40	1100		1100					
							-			
							-			
NEW CARB (M)	50# sk	\$5.63	137		137				10	\$56.30
CYBERSEAL	25# sk	\$24.40								, , , , , ,
MAGMAFIBER F (25)	25# sk	\$28.05	210		210				30	\$841.50
MAGMAFIBER R (30)	30# sk	\$28.05								
VARISEAL	50# sk	\$26.50								
FIBER PLUG	50# als	£40.54	40		40					
NUT PLUG M (50) MICA F (50)	50# sk	\$10.51 \$10.38	40 40		40 40					
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64			1		
(65)		4=0.00	-							
NEW WATE (OAOK DADITE)	400# 1	040.70			20					
NEW WATE (SACK BARITE) BARITE BULK (100)	100# sk	\$10.73 \$8.17	80 1300		1300				1502	\$12,279.51
BARTIE BOLK (100)	100# SK	Φ0.17	1300		1300				1503	\$12,279.5
								1		
								•		
OPTI DRILL (OBM)	bbl	\$75.00	2350	478	2173	655	\$49,125.00		-	\$101,025.00
Magnolia owned mud DISCOUNTED OBM	bbl	\$15.00					-		387	
DISCOUNTED OBM	DDI	\$15.00								
								1		
							-			
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00		34	\$33,660.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00			\$1,020.00
ENGINEERING (MILES)	each	\$1.00							1023	\$1,023.00
FORM IFT WITH ORDER 1707		* 4 = * -								* * - * ·
FORKLIFT WITH OPERATOR	each	\$156.25					 		5	\$156.25 \$75.00
Scale Ticket	each each	\$15.00 \$2.48								\$6,635.09
TRUCKING (cwt)	Eduli	φ∠.48					 	1	20/5	
	each	\$812.50							2	\$1.625.00
TRUCKING (min)	each each	\$812.50 \$12.50							41	\$1,625.00 \$512.50
TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)										

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
10/29/21	MAGI	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	2	48	Repo	rt #17
	DAILY	USAGE 8	k COST						CUMUL	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-19-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-21-21	gal	\$2.78							7000	\$19,460.00
Diesel Received 10-23-21	gal	\$2.73							7206	\$19,672.38
Diesel Received 10-24-21	gal	\$2.73	4300		4300				2901	\$7,919.73
PROCOR PRO V PLUS	25# sk	\$60.00	244		244]	60	\$3,600.00
PROCOR PRO X	25# sk	\$70.00	304		304					
PROCOR SWEEP AID	25# sk	\$46.00	288		288]		
PROCOR SUPERCEAL	24-hr	\$80.00	264		264				40	\$3,200.00
Diesel Received 10-27-21	gal	\$2.76	7200		7200					
							1			
							1			
							<u> </u>			
									\$158,3	302.51
	Cum	ulative Total	AES & 3rd	Party \$355	,515.80					
	<u> </u>									

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

					WEEK 1							WEEK 2 WEEK 3										
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	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	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	16,686
15.909	Footage Drilled	-	-	-	-	-	-		-	-	-		-	-	3,960	2,860	88	-	-	933	3,284	2,541
	New Hole Vol.	-	_	-	-	-	-	_	-	-	-		-	-	375	271	8	_	-	41	145	112
1	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816
85	Chemical Additions														8	31				8	18	18
1,271	Base Fluid Added														322	209	128	46	80	85	156	203
	Barite Increase															14	7			20		14
3,281	Weighted Mud Added			285										2,047						107		
429	Slurry Added																				429	
161	Water Added														3	23		14		29	60	
-	Added for Washout																					
5,331	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	235
	Surface Losses	Ī																				
1,996	Formation Loss																			158	100	445
944	Mud Loss to Cuttings														262	325	10			68	222	57
122	Unrecoverable Volume				26													35		20	16	25
117	Centrifuge Losses																	18	30	20	24	25
3,179	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	30	266	362	552
2,573	Mud Transferred Out			154	2,419																	
2,173	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,499
-	Mud Recovered																					
					omment	c ·					-	omment	٠.	•	•				omment	e ·		•
					Omment	<i>3.</i>			Comments:							Comments:						
		10/5/21	Received	2594bls fro	m Rommel	pad.			10/19/21 Lost 325bls to mud on cuttings while drilling.													
3,731		10/6/21	No losses						10/13/21							10/20/21 Lost 10bls to mud on cuttings while drilling and circulating clean up cycles.						
			10/14/21 10/21/21																			
		d 2419bls	Is 10/15/21							10/22/21												
		10/9/21							10/16/21 107 bbls of kill mud rec from mud plant. 157 BBLS lost to seepage.							t to						
		10/10/21							10/17/21 Transferred 2047bls OBM from the HO4 to the HO2. 280bls alreadty pre-loaded in casing from surface interval.					80bls	10/24/21 Rec 429 BBLS of 9.0 OBM from mud plant							
		10/11/21							10/18/21 Lost 262bls to mud on cuttings while drilling. 10/25/21 rec 51 BBLS of 17.5 from mud plant													

Report #18 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

Operator MAGI	NOLIA (OIL & C	BAS	Contractor PAT	TERSO	ON	County / Parish /	Block	N	Engineer S	Start Date 0/04/21	24 hi	ftg.		Drilled Depth 18,929 1			t
Well Name and No.	RN PLA	INS H)2 BH	Rig Name and	d No. 248			EXAS			0/06/2	ı	ont ROP Oft/hr		Activity	Cen		
Report for Brandon	Darke /	/ lim ⊔	arricon	Report for	ol Pusl	hor	Field / OCS-G #	DINGS		Fluid Type	WBM	Circu	lating Rate 0 gpm		Circula	ting Pre	sure	
Біапиоп			RTY SPECIF			IICI		LUME (BE	21 \		UMP #1		PUMP #2		RIS	ER B		TER
Weight	PV	YP	GELS	pH	API fl	% Solids	In Pits		bbl	Liner S		l.75 Lin		- l.75		Size		
8.4-9.6	0-10	0-10	<5 <10	6-9	<25	2-10	In Hole		bbl	Stroke				12	Stro			
0.4 0.0	0.10	0.10	10 110	10/30/21		10/29/21	Active		bbl	bbl/st				0625		/stk	0.0	000
Time Sample	Taken			0:30		14:00	Storage		29 bbl	stk/mi			:k/min	0020	stk/		0.0	
Sample Locati				Slug Pit		Slug Pit		cation 192		gal/mi			al/min	0		min	(0
Flowline Temp		=		J. Light				PHHP = 0		9		LATION D			Ŭ).737		
Depth (ft)				18,929'		18,929'						hout = 0%		Pump	Effici	ency =	= 95%	6
Mud Weight (p	pg)			8.4		8.4	Delli Orde	Volume	e to Bit	0.0 bl	bl s	trokes To B	it		Time	To Bit		
Funnel Vis (se			@ 90 °F	28		28	Drill String Disp.	Bottoms U	Jp Vol.	0.0 bl	bl Bot	tomsUp Stk	S	Botto	msUp Time			
600 rpm	.,			5		5	0.0 bbl	TotalCi	irc.Vol.	0.0 bl	bl T	otalCirc.Stk	S	Tota	al Circ.	Time		
300 rpm				3		3		DRILLIN	G ASS	SEMBLY	DATA			SOLID	s co	NTRO	L	
200 rpm				2		2	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Uni	t	Scre	eens	Но	ours
100 rpm				1		1	Drill Pipe				0'	0'	Shake	er 1	20	00		
6 rpm				1		1	Dir. BHA					0'	Shake	er 2	20	00		
3 rpm				1		1	Collars					0'	Shake	er 3	20	00		
Plastic Viscosi	ty (cp)		@ 120 °F	2		2	Collars					0'	Desan	der				
Yield Point (lb/	100 ft²)		T0 = 1	1		1		CASII	NG & I	HOLE D	ATA		Desilt	ter				
Gel Strength (l	b/100 ft ²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifu	ige 1				
Gel Strength (I	b/100 ft ²)		30 min	1		1	Riser	20					VOLU	ME AC	COU	NTING	(bb	ls)
API Filtrate / C	ake Thick	ness					Surface	10 3/4	9.	950		0'	Prev.	Total c	n Loc	ation	29	958.4
HTHP Filtrate	/ Cake Th	ickness	@ 0 °F				Int. Csg.	7 5/8	6.	875		0'	Transf	erred I	n(+)/0	Out(-)	;	338.0
Retort Solids (Content			0.4%		0.4%	Washout 1	5 1/2	4.	768	9,277'	0'		Oil	Adde	ed (+)		0.0
Retort Oil Con	tent						Washout 2	5	4.	276	18,913'	9,277'		Barite	Adde	ed (+)		0.0
Retort Water 0	Content			99.6%		99.6%	Oper	n Hole Size	e 0.	000	18,929'		Other F	roduct	Usag	je (+)		0.0
Sand Content				0.2%		0.2%	AN	NULAR GI	EOME	TRY & R	RHEOLO	GY		Water	Adde	ed (+)		
M.B.T. (Methy	lene Blue	Capacity) (ppb)				annula		eas.	veloci			L	eft on (Cuttin	gs (-)		0.0
рН				7.2		7.1	section	n de	epth	ft/mir	n reg	lb/gal		[Dump	ed (-)	-7	785.4
Alkalinity, Mud	Pm			0.1		0.1								Lost	Retur	ns (-)	-{	582.0
Alkalinities, Fil	trate Pf/M	f											Est.	Total c	n Loc	ation	19	929.0
Chlorides (mg/	(L)			650		600							Est. Los	sses/G	iains (-)/(+)		0.0
Calcium (ppm)	1			180		180							BIT	HYDE	RAUL	ICS D	ATA	
Excess Lime (lb/bbl)												Bit H.S.I.	Bit	ΔΡ	Nozz	es (3	2nds)
Average Spec	ific Gravity	y of Solid	S	2.60	2.60	2.60												
Percent Low G	Gravity Sol	ids		0.4%		0.4%							Bit Impac	t I	zzle ocity			
Percent Drill S				0.4%		0.4%							Force	(ft/s	sec)			\square
PPA Spurt / To			@ 0 °F				BIT D	1		anuf./Typ		IBURTON PD			I			Щ
Estimated Total		System	ppb				Size	Depth In	Ho	ours	Footage	ROP ft/h	r Motor/N	MD	Calc	. Circ.	Pres	sure
Sample Taken				C Beasley		P. Blair												
Remarks/Reco	mmendatio	ons:					Rig Activity:											

OBM RECEIVED: 3380 bls
PLAN FORWARD: POOH

2332 BBLS of OBM on location currently.

Finished running 5" casing T/9,636', swap crt and elevators to run 5.5" casing F/9,636' T/15,625'. Wash down casing with CRT F/15,616' T/15,686'. Wash/ream 20'/min F/15,686' T/18,913' at pm report time. Circulated 1.5 times casing capacity. Pump 40 BBL spacer, 297 BBL Slurry stage 1, shut down release top plug. Displace 367 BLL of H2O, bump plug. Rig up cementer to kill line for stage 2 of cement job. Pump 100 BBL kill mud on back side, 40 BBL spacer, 315 BBL Lead slurry, 49 BBL Tail slurry. Rig down cementers. Empty pits of OBM and Water and prepare to fill with 9.0 for next well.

E	ng. 1:	ı	Patric	k Blai	r	Er	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	hone: P 1			5-095 G 1				903-7 C 0	carefully	and may be	used if the user	expressed orally of	r, no representati	has been prepared from is made as to the	\$45,690.00	\$242,903.29
										•	•	INCLUD	TY CHARGES	\$45,690.00	\$401,205.80	

Date 10/30/21	Operator MAGI	NOLIA OIL	& GAS	Well Name a	N PLAINS	H02 BH	Rig Name an		ort #18
	DAILY	USAGE 8	k COST					CUMI	LATIVE
			Previous		Closing	Daily	L	Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Co
SAPP (50)	50# sk	\$46.84	42		42			4	\$1,967.2
PHPA LIQUID (pail)	5 gal	\$41.36	84		84				\$372.2
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	400		400			27	
LIME (50)	50# sk	\$5.88	500		500			39	
OPTI - G	50# sk	\$32.44	120		120			12	· '
BENTONE 38 (50)	50# sk	\$152.93	54		54			1	+ ' '
BENTONE 910 (50)	50# sk	\$55.55	55		55			2	
BENTONE 990 (50)	50# sk	\$88.61	70		70			2	
OPTI - MUL	gal	\$11.40	1100		1100			82	
OPTI - WET	gal	\$8.84	605		605			82	
NEW PHALT	50# sk	\$38.72	80		80			7	3 \$3,020.1
OIL SORB (25)	25# sk	\$4.75	47		47				1
OPTIPLUS GAL	gal	\$48.40	1100		1100				1
									1
									1
									1
NEW CARB (M)	50# sk	\$5.63	137		137			1	\$56.3
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	210		210			3	\$841.5
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							1
FIBER PLUG									
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				1
									1
									1
									1
									1
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				1.
BARITE BULK (100)	100# sk	\$8.17	1300		1300			150	\$12,279.5
									1
								1	
OPTI DRILL (OBM)	bbl	\$75.00	2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00	192 38	
OPTI DRILL (OBM) Magnolia owned mud DISCOUNTED OBM		\$75.00 \$15.00	2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud	bbl		2173	338	1929	582	\$43,650.00		
Magnolia owned mud DISCOUNTED OBM	bbl		2173	338	1929	582		38	
Magnolia owned mud DISCOUNTED OBM	bbl		2173	338	1929	582		38	
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR)	bbl	\$15.00	2173	338	1929		\$1,980.00	38	\$ \$35,640.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	bbl bbl	\$15.00 \$1990.00	2173	338	1929	2	\$1,980.00	38	\$ \$35,640.0 \$ \$1,080.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$15.00 \$15.00 \$990.00 \$30.00	2173	338	1929	2	\$1,980.00	38	\$ \$35,640.0 \$ \$1,080.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each	\$15.00 \$15.00 \$990.00 \$30.00	2173	338	1929	2	\$1,980.00	38 33 3102	\$ \$35,640.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00	2173	338	1929	2	\$1,980.00	38 33 3 102	\$35,640.0 \$1,080.0 \$1,023.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket	each bbl each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00	2173	338	1929	2	\$1,980.00	38 33 3 102	\$35,640.0 \$1,080.0 \$1,023.0 \$156.2 \$75.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket FRUCKING (cwt)	each bbl each each each each	\$15.00 \$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48	2173	338	1929	2	\$1,980.00	38 33 3 102	\$ \$35,640.0 \$ \$1,080.0 \$ \$1,023.0 \$ \$156.2 \$ \$75.0 \$ \$6,635.0
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket FRUCKING (cwt) FRUCKING (min)	each bbl each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50	2173	338	1929	2	\$1,980.00	33 3 102	\$35,640.0 \$1,080.0 \$1,023.0 \$156.2 \$75.0 \$6,635.0 \$1,625.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50 \$12.50	2173	338	1929	2	\$1,980.00	38 33 33 102 267	\$35,640.0 \$1,080.0 \$1,023.0 \$156.2 \$75.0 \$6,635.0 \$1,625.0 \$1,625.0
Magnolia owned mud DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) FORKLIFT WITH OPERATOR Scale Ticket TRUCKING (cwt) TRUCKING (min)	each bbl each each each each each	\$15.00 \$990.00 \$30.00 \$1.00 \$156.25 \$15.00 \$2.48 \$812.50	2173	338	1929	2	\$1,980.00	33 3 102	\$35,640.0 \$1,080.0 \$1,023.0 \$156.2 \$75.0 \$6,635.0 \$1,625.0 \$1,625.0

Date	Operator			Well Name a	ind No.		Rig Name an	d No. Re	eport No.	
10/30/21	MAGN	NOLIA OIL	& GAS	BIGHOR	RN PLAINS	H02 BH	24	48	Repo	rt #18
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel 10-4-21		\$2.57								
Diesel 10-4-21	gal	\$2.57								
Diesel 10-5-21	gal	\$2.63								
Diesel Received 10-15-21	gal	\$2.70							2632	\$7,106.40
Diesel Received 10-15-21	gal	\$2.70							7200	\$19,440.00
Diesel Received 10-17-21	gal	\$2.77							7200	\$19,944.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.00
Diesel Received 10-18-21	gal	\$2.76							7000	\$19,320.0
Diesel Received 10-19-21	gal	\$2.76							7000	\$19,320.0
Diesel Received 10-21-21	gal	\$2.78							7000	\$19,460.0
Diesel Received 10-23-21	gal	\$2.73							7206	\$19,672.3
Diesel Received 10-24-21	gal	\$2.73	4300		4300				2901	\$7,919.7
PROCOR PRO V PLUS	25# sk	\$60.00	244		244				60	\$3,600.0
PROCOR PRO X	25# sk	\$70.00			304					
PROCOR SWEEP AID	25# sk	\$46.00	288		288					
PROCOR SUPERCEAL	24-hr	\$80.00	264		264				40	\$3,200.0
Diesel Received 10-27-21	gal	\$2.76	7200		7200					
								_		
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	1	1	<u> </u>	1			1		\$158,	302.51
	Cumu	ulative Total	AES & 3rd	Party \$401	,205.80					
						•				

OUTSOURCE FLUID SOLUTIONS LLC.

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

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					WEEK 1							WEEK 2							WEEK 3			
	Date	10/5/21	10/6/21	10/7/21	10/8/21	10/9/21	10/10/21	10/11/21	10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21	10/18/21	10/19/21	10/20/21	10/21/21		10/23/21	10/24/21	10/25/21
		Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	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	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145
Totals	Ending Depth	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	6,980	9,840	9,928	9,928	9,928	10,861	14,145	16,686
	Footage Drilled	_	-	_	-	_	-	-	-	_	-	-	-	-	3,960	2,860	88	-	-	933	3,284	2,541
,	New Hole Vol.		_	-	_	_		_	_	_	-		_	-	375	271	8	_	_	41	145	112
,	Starting System Volume	2,594	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816
85	Chemical Additions	ŕ	,	ŕ	ŕ										. 8	31		,	,	. 8	18	18
	Base Fluid Added														322	209	128	46	80	85	156	203
	Barite Increase															14	7			20		14
	Weighted Mud Added			285										2,047						107		
429	Slurry Added																				429	
161	Water Added														3	23		14		29	60	
-	Added for Washout																					
5,669	Total Additions	-	-	285	-	-	-	-	-	-	-	-	-	2,047	333	277	135	60	80	249	663	235
· -	Surface Losses																					
2,578	Formation Loss																			158	100	445
944	Mud Loss to Cuttings														262	325	10			68	222	57
122	Unrecoverable Volume				26													35		20	16	25
117	Centrifuge Losses																	18	30	20	24	25
3,761	Total Losses	-	-	-	26	-	-	-	-	-	-	-	-	-	262	325	10	53	30	266	362	552
2,573	Mud Transferred Out			154	2,419																	
1,929	Ending System Volume	2,594	2,594	2,725	280	280	280	280	280	280	280	280	280	2,327	2,398	2,350	2,475	2,482	2,532	2,515	2,816	2,499
-	Mud Recovered																					
				С	omment	s:					С	omments	s:					С	omment	s:		
									Comments:							Comments.						
		10/5/21	Received	2594bls fro	m Rommel	pad.			10/12/21 Lost 325bls to mud on cuttings while drilling.													
4,069		10/6/21	No losses.	-					10/13/21							10/20/21 Lost 10bls to mud on cuttings while drilling and circulating clear up cycles.					ating clean	
	•		10/14/21						10/21/21													
		d 2419bls	ols 10/15/21						10/22/21													
		10/9/21							10/16/21 107 bbls of kill mud rec from mud plant. 157 BBLS lost to seepage.								st to					
		10/10/21							10/17/21 Transferred 2047bls OBM from the HO4 to the HO2. 280bls alreadty pre-loaded in casing from surface interval.					80bls	10/24/21 Rec 429 BBLS of 9.0 OBM from mud plant							
									10/18/21 Lost 262bls to mud on cuttings while drilling. 10/25/21 rec 51 BBLS of 17.5 from mud plant													