TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

8.7° 2,988' TVD

Operator MAGI Well Name and No.	NOLIA	OIL & C	GAS		TERSO	NC	_	HINGTO	N	Engineer Start 10/0 Spud Date	Date)7/21	24 hr f	3,024 ft			25 ft	
	ORN PE	AK HO	4 RH	Rig Name an	d No. 248		State	EXAS			7/21	Currer	0 ft/hr	Activi	•	ОН	
Report for) (7 511	Report for	240		Field / OCS-G #			Fluid Type	,,,,,,,	Circula	ating Rate	Circu	ating Pre		
Kevin	Burt/Ch	nris Ma	yeux	То	ol Pus	her	GID	DINGS		W	вМ		0 gpm		p	si	
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PUN	/IP #1		PUMP #2	RI	SER B	oost	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	61	0 bbl	Liner Size	5.25	Line	r Size 5.	25 Line	er Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	54	1 bbl	Stroke	12	Str	oke 1	2 St	roke		
	I.	U.	1	10/7/21			Active	114	46 bbl	bbl/stk	0.076	3 bb	l/stk 0.0	763 bb	ol/stk	0.00)00
Time Sample	Taken			22:30			Storage	e <u>24</u>	19 bbl	stk/min	0	stk	/min (0 stl	k/min		
Sample Locati	on			PIT			Tot. on Loc	cation 35	70 bbl	gal/min	0	gal	/min (0 ga	l/min	0)
Flowline Temp	erature °F	F		96 °F				PHHP = ()	С	IRCULA	TION DA	ιΤΑ	n =	0.737	K = 15	5.441
Depth (ft)				2,185'			Bit I	Depth = 3,	,000 '		Washou	t = 5%		Pump Effic	iency :	= 95%)
Mud Weight (p	ppg)			8.9			Drill String	Volum	e to Bit	50.9 bbl	Strok	es To Bit	·	Time	To Bit		
Funnel Vis (se	c/qt)		@ 88 °F	29			Disp.	Bottoms I	Up Vol.	485.5 bbl	Bottom	sUp Stks		BottomsU	p Time		
600 rpm				5			28.1 bbl	Riser Ar	nn. Vol.	-2.6 bbl	Rise	r Strokes		Riser Circ	. Time		
300 rpm				3				DRILLIN	IG ASS	SEMBLY DA	ATA		s	OLIDS CO	ONTRO	L	
200 rpm				2			Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Unit	Sc	reens	Hou	urs
100 rpm				1			Drill Pipe	5.000	4.	276 2,	547'	0'	Shaker	1 1	140	8.0	0
6 rpm				1			Hevi Wt	5.500	3.	800 3	330'	2,547'	Shaker	2 1	140	8.0	0
3 rpm				1			Other Pipe	7.875	3.	250	85'	2,877'	Shaker	3 1	140	8.0	0
Plastic Viscos	ity (cp)		@ 120 °F	2			Dir. BHA	8.000	2.	000	38'	2,962'	Desand	ler			
Yield Point (lb.	/100 ft²)		T0 = 1	1				CASI	NG & I	HOLE DATA	4		Desilte	er			
Gel Strength (lb/100 ft²)	10	sec/10 min	1/1			Casing	OD (in.)	ID	(in.) D	epth	Тор	Centrifug	ge 1		8.0	0
Gel Strength (lb/100 ft ²)		30 min	1			Riser	20		1	08'		VOLUN	IE ACCOL	JNTING	G (bbl	s)
API Filtrate / C	Cake Thick	kness		14/1			Surface					108'	Prev. T	otal on Lo	cation		0.0
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.					108'	Transfe	erred In(+)	Out(-)	24	19.0
Retort Solids (Content			4.2%			Washout 1							Oil Add	ed (+)		0.0
Retort Oil Con	tent						Washout 2							Barite Add	ed (+)		0.0
Retort Water (Content			95.8%			Oper	n Hole Size	e 14	.175 3,	025'		Other Pr	oduct Usa	ge (+)		2.3
Sand Content				0.2%			ANI	NULAR G	EOME	TRY & RHE	OLOGY		\	Water Add	ed (+)	17	'39.2
M.B.T. (Methy	lene Blue	Capacity	y) (ppb)	5.0			annular	r m	ieas.	velocity	flow	ECD	Le	ft on Cutti	ngs (-)	-5	590.3
рН				7.0			section	ı d	epth	ft/min	reg	lb/gal	Sand	Trap Disc	harge		
Alkalinity, Muc	l Pm			0.1			0x5	1	108'	0.0		8.90					
Alkalinities, Fil	trate Pf/M	I f		0.1/0.2			14.175x	5 2,	,547'	0.0	lam	8.90	Est. T	otal on Lo	cation	35	70.2
Chlorides (mg.	/L)			700			14.175x5	5.5 2,	,877'	0.0	lam	8.90	Est. Los	ses/Gains	(-)/(+)		0.0
Calcium (ppm))			280			14.175x7.8	875 2,	,962'	0.0	lam	8.90	ВІТ	HYDRAUI	LICS D	ATA	
Excess Lime (lb/bbl)						14.175x	8 3,	,000'	0.0	lam	8.90	Bit H.S.I.	Bit ∆P	Nozz	les (32	!nds)
Average Spec	ific Gravit	y of Solid	ls	2.60	2.60	2.60							0.00	psi	14	14	14
Percent Low C	Gravity So	lids		4.1%									Bit Impact	Nozzle Velocity	14	14	14
Percent Drill S	Solids			4.1%									Force	(ft/sec)	14	14	14
PPA Spurt / To	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Type	ULTERI	RA / PDC	0 lbs	0			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	otage R	OP ft/hr	Motor/M	WD Cal	c. Circ	Press	sure
Sample Taker	Ву			N. Dilly			13 1/2	1 ft		3,0)25 ft	504.2					
Remarks/Reco	mmondati						Ria Activity:										

OBM RECEIVED: 2419 bbls

Pretreated acitve system with 10sx SAPP & 50gal Detergent.

Sweeps: 2sx SAPP & 10 gal detergent per 100bls.

Rig Activity:

Finish skidding rig and rig service. Pick up BHA. Drill from 100' to 3,025'TD. Pumped 30bls soap/sapp sweeps every connection, added soap/sapp sticks down drill pipe every connection, and pumped 100bls soap/sapp sweeps every 1000'. Dumped sand trap and diluted active system with freshwater as needed to control MW. Stopped adding SAPP at 2,600' and let weight creep up to 9.1-9.2ppg by TD. Pumped 2 tandem hi-vis sweeps at TD and circulated clean. POOH to run casing at 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	5-09	52	Ph	one:	337-2	207-8848	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 0	A 1	S 1	C 0	carefully	and may be	used if the use		er, no representa	, has been prepared ation is made as to the	\$3,445.20	\$3,445.20
												INCLUI	DING 3RD PA	RTY CHARGES	\$3,445.20	\$3,445.20

Date 10/08/21	Operator MAG I	NOLIA OIL		Well Name a BIGHO	nd No. RN PEAK H	104 BH	Rig Name ar	nd No. 48	Report No. Repo	ort #1
	DAILY	USAGE 8	COST	•						LATIVE
			Previous		Closing	Daily	<u> </u>		Cum	1
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50)	50# sk	\$46.84		126	96	30	\$1,405.20		30	\$1,405.20
PHPA LIQUID (pail)	5 gal	\$41.36		29	29					
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk 25# sk	\$11.54 \$91.16								
ALUMINUM TRISTEARATE	25# SK	\$81.16								
CACL2 (50)	50# sk	\$14.32		392	392					
LIME (50)	50# sk	\$5.88		255	255					
OPTI - G BENTONE 38 (50)	50# sk	\$32.44 \$152.93		120 68	120 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		550	550					
NEW PHALT	50# sk	\$38.72		172	172					
OIL SORB (25)	25# sk	\$4.75		60	60					
NEW CARB (M)	50# sk	\$5.63		147	147					
CYBERSEAL	25# sk	\$24.40		0.40	0.40					
MAGMAFIBER F (25) MAGMAFIBER R (30)	25# sk 30# sk	\$28.05 \$28.05		240	240					
VARISEAL	50# sk	\$26.50								
FIBER PLUG	30# sk	\$30.37						1		
NUT PLUG M (50)	50# sk	\$10.51		40	40					
(1)		, , ,								
								1		
NEW WATE (SACK BARITE)	100# sk	\$10.73		80	80					
BARITE BULK (100)	100# sk	\$8.17		840	840					
								1		
ODTI DDILL (ODV)		a -								
OPTI DRILL (OBM)	bbl	\$75.00		1801 618	1801 618					
MAGNOLIA OWNDED OBM DISCOUNTED OBM	bbl bbl	\$15.00		618	618				-	-
S.COORTED ODIVI	ומע	ψ10.00								
								ĺ		
								1		
								•		
										1
ENGINEERING (24 HR)	each	\$990.00					\$1,980.00			\$1,980.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		2	\$60.00
ENGINEERING (MILES)	each	\$1.00								
							-			
TRUCKING (t)	2: 1	#C 10								1
TRUCKING (cwt)	each	\$2.48								
TRUCKING (min) PALLETS (ea)	each	\$812.50 \$12.50					-		<u> </u>	
	each each	\$12.50 \$12.50						1		1
SHRINK WRAP (22)										
SHRINK WRAP (ea)	eacii	Ψ12.50						İ		I

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/08/21	MAGN	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 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
			inventory		inventory	Usage			Usage	
		<u></u>	<u></u>		<u></u>	<u></u>				
	Cum	ulative Tota	al AES & 3rd	d Party \$3,4	145.20					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

BIGHORN PEAK H04 BH

			WEEK 1 0/8/21 10/9/21 10/10/21 10/11/21 10/12/21 10/13/21 10/1									WEEK 2							WEEK 3			
	Date	10/8/21	10/9/21	10/10/21		10/12/21	10/13/21	10/14/21	10/15/21	10/16/21	10/17/21		10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21		10/26/21	10/27/21	10/28/21
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size																					
Grand	Starting Depth																					
Totals	Ending Depth																					
-	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Chemical Additions																					
-	Base Fluid Added																					
•	Barite Increase																					
-	Weighted Mud Added																					
-	Slurry Added																					
-	Water Added																					
-	Added for Washout																					
-	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
•	Formation Loss																					
-	Mud Loss to Cuttings																					
-	Unrecoverable Volume																					
-	Centrifuge Losses																					
-	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
-	Ending System Volume	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Recovered																					
					comments	٠.		•				omment	c.	•			•		omment	c ·	•	
		-			Omment	3.						Omment	<i>3.</i>						Omment	s.		
		10/8/21							10/15/21							10/22/21						
	_																					
		10/0/01																				
-		10/9/21							10/16/21							10/23/21						
	_	40/40/04							40/47/04							40/04/04						
		10/10/21	/10/21						10/17/21							10/24/21						
		10/11/21	/11/21						10/18/21							10/25/21						
		10/12/21	10/12/21						10/19/21							10/26/21						
		10/13/21							10/20/21							10/27/21						
		40/44/04							40/04/04							40/00/04						
		10/14/21	21						10/21/21							10/28/21						

Eng. 1:

Phone:

P 1

Patrick Blair

936-465-0952

g 1

Eng. 2:

Phone:

S 1 C 0

Nick Dilly

337-207-8848

MIDLAND

432-686-7361

Phone:

WH 2:

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.

WH #2

INCLUDING 3RD PARTY CHARGES

Rig Phone:

Daily Total

\$0.00

\$0.00

Cumulative Cost

\$3,445.20

\$3,445.20

Report #2

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.0°

	NOLIA O	IL & G	SAS		TERS	ON		IINGTON			7/21		0 ft			25 ft
	ORN PEA	K H04	ВН	Rig Name an	248			EXAS			7/21	Curren	0 ft/hr			d Rig
Report for Kevin	Burt/Chr	is May	veux	Report for	ol Pus	her	Field / OCS-G #	DINGS		Fluid Type	вм	Circula	ating Rate 0 gpm	Ci	rculating Pr	essure OSİ
			TY SPECIF					LUME (BB	L)		1P #1		PUMP #2			OOSTER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	0 !		Liner Size	5.25	Line	r Size 5.	25 L	iner Size	
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	279		Stroke	12			2	Stroke	
				10/8/21			Active	0 8	obl	bbl/stk	0.0763	bb	/stk 0.0	763	bbl/stk	0.0000
Time Sample	Taken			12:00			Storage	<u>0 l</u>	obl	stk/min	0	stk	/min	0	stk/min	
Sample Locati				PIT			Tot. on Loc			gal/min	0	gal	/min	0	gal/min	0
Flowline Temp								PHHP = 0		C	IRCULAT	ION DA	TA	l_n	= 0.737	K = 15.44
Depth (ft)				3,025'			В	Bit Depth =	1		Washout	= 5%		Pump E	fficiency	= 95%
Mud Weight (p	opg)			9.2			Drill String	Volume	to Bit	0.0 bbl	Stroke	s To Bit		Ti	me To Bit	
Funnel Vis (se	ec/qt)		@ 88 °F	36			Disp.	Bottoms U _I	p Vol.	0.0 bbl	Bottoms	Up Stks		Bottoms	sUp Time	
600 rpm				5			0.0 bbl	Riser Ann	ı. Vol.	0.0 bbl	Riser	Strokes		Riser C	Circ. Time	
300 rpm				3				DRILLING	ASS	EMBLY DA	ATA		s	OLIDS	CONTRO	DL
200 rpm				2			Tubulars	OD (in.)	ID	(in.) Le	ngth	Тор	Unit		Screens	Hours
100 rpm				1			Drill Pipe				0'	0'	Shake	1	140	6.0
6 rpm				1			Hevi Wt					0'	Shake	2	140	6.0
3 rpm				1			Other Pipe					0'	Shake	. 3	140	6.0
Plastic Viscosi	ity (cp)		@ 120 °F	2			Dir. BHA					0'	Desand	der		
Yield Point (lb/	/100 ft²)		T0 = 1	1				CASIN	G & F	OLE DATA	A		Desilte	er		
Gel Strength (lb/100 ft²)	10	sec/10 min	1/1			Casing	OD (in.)	ID	(in.) D	epth	Тор	Centrifuç	ge 1		6.0
Gel Strength (lb/100 ft ²)		30 min	1			Riser	20		1	08'		VOLUN	IE ACC	OUNTIN	G (bbls)
API Filtrate / C	ake Thickn	ess		14/1			Surface	10 3/4	9.9	950 3,	014'	108'	Prev. 1	otal on	Location	3570.2
HTHP Filtrate	/ Cake Thic	kness	@ 0 °F				Int. Csg.					108'	Transfe	erred In(+)/Out(-)	-2151.0
Retort Solids (Content			6.4%			Washout 1							Oil A	dded (+)	0.0
Retort Oil Con	tent						Washout 2							Barite A	dded (+)	0.0
Retort Water (Content			93.6%			Open	Hole Size	0.0	000 3,	025'		Other P	roduct U	sage (+)	0.0
Sand Content				0.3%			ANI	NULAR GE	OME	TRY & RHE	OLOGY		,	Water A	dded (+)	
M.B.T. (Methy	lene Blue C	apacity)	(ppb)	5.0			annular	· me	as.	velocity	flow	ECD	Le	ft on Cu	ttings (-)	0.0
рН				7.0			section	de	pth	ft/min	reg	b/gal	Sand	l Trap D	ischarge	-1139.7
Alkalinity, Mud	l Pm			0.1												
Alkalinities, Fil	trate Pf/Mf			0.1/0.2									Est. 7	otal on	Location	279.5
Chlorides (mg/	/L)			700									Est. Los	ses/Gai	ns (-)/(+)	0.0
Calcium (ppm))			280									BIT	HYDRA	ULICS [DATA
Excess Lime (lb/bbl)												Bit H.S.I.	Bit ∆	P Noz	zles (32nds)
Average Spec	ific Gravity	of Solids	3	2.60	2.60	2.60										
Percent Low G	Gravity Solid	ls		6.3%									Bit Impact	Nozzl Veloci	-	
Percent Drill S	Solids			6.3%									Force	(ft/sed	-	
PPA Spurt / To	otal (ml) @		@ 0 °F				BIT D	ATA	Ма	nuf./Type	ULTERR	A / PDC				
Estimated Tota	al LCM in S	ystem	ppb				Size	Depth In	Но	ours Foo	otage R0	OP ft/hr	Motor/M	WD C	Calc. Circ	. Pressure
Sample Taker	ı Ву			P. Blair												
Remarks/Reco	mmendation	is:					Rig Activity:									
OBM REC Transfer 2 HO4.		2419 b		ring 279b	ols in cas	sing on	and test. L/D CRT equipme bumping	Ran 10.7 , back out nt while sk plug with	75" su Iandi kiddin 9.0 p	face, racki rface casii ng joint. F g rig to the pg. OBM, pm report	ng T/3,01 R/D casin Bighorn ~109 bbl	4'. Cir g equip Pass I	culate 1.5 ment, R/L H06 BH. F	times of offline Pumped	asing concentration contents and contents and contents and contents are contents and contents are contents and contents are contents ar	apacity, t t,

Item SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) PTI - G SENTONE 38 (50) SENTONE 910 (50) SENTONE 990 (50) PTI - WLT NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL EIBER PLUG MUT PLUG M (50)	DAILY Unit 50# sk 5 gal gal 100# sk 25# sk 50# sk	\$46.84 \$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75	392 255 120 68 72 64 440 550 172 60	-392 -255 -120 -68 -72 -64 -440 -550 -172 -60	Closing Inventory	Daily Usage	Daily Cost	48	CUMUI Cum Usage	Cum Cost \$1,405.20
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) IME (50) PTI - G SENTONE 38 (50) SENTONE 910 (50) SENTONE 990 (50) PTI - MUL PTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk 5 gal gal 100# sk 25# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 25# sk	\$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75	392 255 120 68 72 64 440 550 172 60	-96 -29 -392 -255 -120 -68 -72 -64 -440 -550 -172 -60			Daily Cost		Usage	
PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) (ARISEAL FIBER PLUG	5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 25# sk 25# sk 25# sk	\$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$11.54 \$11.40 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	392 255 120 68 72 64 440 550 172 60	-29 -392 -255 -120 -68 -72 -64 -440 -550 -172 -60		Ostige				\$1,405.20
PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) (ARISEAL FIBER PLUG	5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 25# sk 25# sk 25# sk	\$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$11.54 \$11.40 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	392 255 120 68 72 64 440 550 172 60	-29 -392 -255 -120 -68 -72 -64 -440 -550 -172 -60						
ALUMINUM TRISTEARATE CACL2 (50) LIME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) MAGMAFIBER R (30) MARISEAL FIBER PLUG	gal 100# sk 25# sk 50# sk 25# sk 25# sk 25# sk 25# sk 25# sk 30# sk	\$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	392 255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
CACL2 (50) LIME (50) PTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) PTI - MUL PTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	392 255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
CACL2 (50) LIME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	392 255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
IME (50) DPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	255 120 68 72 64 440 550 172 60	-255 -120 -68 -72 -64 -440 -550 -172 -60						
DPTI - G SENTONE 38 (50) SENTONE 910 (50) SENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) SEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) MARISEAL FIBER PLUG	50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	120 68 72 64 440 550 172 60	-120 -68 -72 -64 -440 -550 -172 -60						
SENTONE 38 (50) SENTONE 910 (50) SENTONE 990 (50) DPTI - MUL DPTI - WET SEW PHALT DIL SORB (25) SEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL	50# sk 50# sk gal gal 50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 50# sk	\$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	68 72 64 440 550 172 60	-68 -72 -64 -440 -550 -172 -60						
SENTONE 910 (50) SENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) SEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk 50# sk gal gal 50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 50# sk	\$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	72 64 440 550 172 60	-72 -64 -440 -550 -172 -60						
SENTONE 990 (50) DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) SEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk gal gal 50# sk 25# sk 50# sk 25# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	64 440 550 172 60	-64 -440 -550 -172 -60						
DPTI - MUL DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	gal gal 50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 50# sk	\$11.40 \$8.84 \$38.72 \$4.75 \$5.63 \$24.40 \$28.05	440 550 172 60	-440 -550 -172 -60						
DPTI - WET NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	gal 50# sk 25# sk 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk	\$8.84 \$38.72 \$4.75 \$4.75 \$5.63 \$24.40 \$28.05	550 172 60	-550 -172 -60						
NEW PHALT DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	50# sk 25# sk 50# sk 25# sk 25# sk 30# sk 50# sk	\$38.72 \$4.75 \$5.63 \$24.40 \$28.05	172 60 147	-172 -60						
DIL SORB (25) NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 50# sk 25# sk 25# sk 30# sk 50# sk	\$4.75 \$5.63 \$24.40 \$28.05	147	-60						
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 25# sk 30# sk 50# sk	\$5.63 \$24.40 \$28.05		-147						
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 25# sk 30# sk 50# sk	\$24.40 \$28.05		-147						
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 25# sk 30# sk 50# sk	\$24.40 \$28.05		-147				i	<u></u>	. — — — — — — — — — — — — — — — — — — —
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 25# sk 30# sk 50# sk	\$24.40 \$28.05		-147						
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 25# sk 30# sk 50# sk	\$24.40 \$28.05		-147						
MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG	25# sk 30# sk 50# sk	\$28.05		1.17						
MAGMAFIBER R (30) MARISEAL FIBER PLUG	30# sk 50# sk									
/ARISEAL FIBER PLUG	50# sk	\$28 05	240	-240			<u> </u>			
FIBER PLUG										
		\$26.50								
NUT PLUG M (50)	30# sk	\$30.37								
	50# sk	\$10.51	40	-40						
	+									
NEW WATE (SACK BARITE)	100# sk	\$10.73	80	-80						
BARITE BULK (100)	100# sk	\$8.17	840	-840						
Suite Bolit (100)	100# 610	ΨΟ.11	0.10	0.10						
	+						-			
ODTI DDII I (ODM)	LL!	ф 7 Е 00	4004	4500	070					
DPTI DRILL (OBM) MAGNOLIA OWNDED OBM	bbl	\$75.00	1801 618	-1522 -618	279					
DISCOUNTED OBM	bbl	\$15.00	018	-018						
	וטטו	ψ10.00					 			
	+									
	+									
	1									
ENGINEERING (24 HR)	each	\$990.00								\$1,980.00
ENGINEERING (DIEM)	bbl	\$30.00							2	\$60.00
ENGINEERING (MILES)	each	\$1.00								
RUCKING (cwt)	each	\$2.48								
RUCKING (min)	each	\$812.50								
PALLETS (ea)	each	\$12.50								
SHRINK WRAP (ea)	each	\$12.50		<u> </u>			<u> </u>			
		Ī			Cumulat	ive Total	3.445 20		\$3./	45.20

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
10/09/21	MAGN	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	24	18	Repo	ort #2
	DAILY	USAGE 8	COST						CUMUI	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
	Cum	ulative Tota	al AES & 3rd	d Party \$3,4	145.20					
	<u> </u>					ı				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

BIGHORN PEAK H04 BH

Date	10/8/21	10/0/21	40/40/04	WEEK 1							WEEK 2										
									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	WEEK 3 10/25/21	10/26/21	10/27/21	10/28/21
	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Bit Size	13 1/2	13 1/2																			
Grand Starting Depth																					
Totals Ending Depth																					
- Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Starting System Vo	ume	2,419	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279
- Chemical Additions																					
- Base Fluid Added																					
- Barite Increase																					
2,419 Weighted Mud Adde	ed 2,419																				
- Slurry Added																					
- Water Added																					
 Added for Washout 																					
2,419 Total Additions	2,419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
- Surface Losses																					
- Formation Loss																					
- Mud Loss to Cutting																					
- Unrecoverable Volu	me																				
- Centrifuge Losses																					
- Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,140 Mud Transferred Ou	t	2,140																			
279 Ending System Vol	ime 2,419	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279	279
- Mud Recovered																					
_			С	omment	s:					С	omment	s:					С	omment	s:		
	10/8/21	Transferre	ed 2,419bls	from the H	O2 to the H	IO4.		10/15/21							10/22/21						
279	40/0/24	Transferre	ed 2,140bls	from the H	O4 to the H	IO6. Left 2	79bls in	10/16/21							10/23/21						
219	10/9/21	Transferred 2,140bls from the HO4 to the HO6. Left 279bls hole after cement job.						10/10/21							10/23/21						
	10/10/21	10/10/21						10/17/21							10/24/21						
		10/10/21																			
	10/11/21							10/18/21							10/25/21						
	10/12/21	10/12/21						10/19/21							10/26/21						
	10/13/21							10/20/21							10/27/21						
	10/14/21																				

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

8.7° 3,022' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PAT Rig Name ar	TTERSO	ON	County / Parish / WASH	Block IINGTOI	N	Engineer S 1 Spud Date	0/07		24 hr ftg	10 ft		Orilled Dep	oth ,100) ft
	ORN PE	AK H	04 BH	rag ramo a	248			EXAS			0/07	/21		 401 ft/hr		•	rilli	ng
Report for				Report for			Field / OCS-G #			Fluid Type	1		Circulati	ing Rate	(Circulating	Press	ure
В	randon	Park	s	То	ol Pusi	ner	GID	DINGS			OBI	M		561 gpm	1	2,0)52	psi
	MUD	PROPE	RTY SPECIF	ICATION	s	1	MUD VO	LUME (BB	BL)	F	PUMP	#1		PUMP #2		RISEF	BO	OSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	587	7 bbl	Liner S	Size	5.25	Liner	Size 5.	25	Liner Si	ze	
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	257	7 bbl	Strok	е	12	Stro	ke 1	2	Stroke	:	
				10/14/21		10/13/21	Active	837	7 bbl	bbl/st	tk	0.0763	bbl/	stk 0.0	763	bbl/stl	(0.0000
Time Sample	Taken			0:30		10:30	Storage	<u>182</u>	0 bbl	stk/m	in	87	stk/r	min 8	88	stk/mi	า	
Sample Locati	ion			pit		pit	Tot. on Loc	cation 266	4 bbl	gal/m	in	279	gal/r	min 28	82	gal/mi	n	0
Flowline Temp	oerature °F	F		108 °F				PHHP = 67	1		CIR	CULATIO	N DAT	ГΑ		n = 0.5	85 K	(= 212.503
Depth (ft)				3,035'		3,025'	Bit [Depth = 3,0	035 '		V	/ashout =	5%	!	Pump	Efficien	cy =	95%
Mud Weight (p	opg)			9.0		8.8	Drill String	Volume	to Bit	49.8 k	obl	Strokes	To Bit	653	1	ime To	Bit	4 min
Funnel Vis (se	ec/qt)		@ 98 °F	50		51	Disp.	Bottoms U	lp Vol.	200.5	bbl	BottomsUp	Stks	2,627	Botton	nsUp Tii	ne	15 min
600 rpm				24		29	31.3 bbl	Riser Anı	n. Vol.	-2.6 b	obl	Riser St	rokes	-34	Riser	Circ. Ti	ne	0 min
300 rpm				16		19		DRILLING	G ASS	SEMBLY	DAT	·A		S	OLIDS	CONT	ROL	
200 rpm				13		14	Tubulars	OD (in.)	ID	(in.)	Leng	gth T	ор	Unit		Screen	าร	Hours
100 rpm				8		11	Drill Pipe	5.000	4.	276	2,39	96'	0'	Shaker	1	140		7.0
6 rpm				5		5	Hevi Wt	5.000	3.	800	338	3' 2,3	396'	Shaker	2	140		7.0
3 rpm				4		4	Collars	6.500	2.	750	186	6' 2,7	734'	Shaker	3	140		7.0
Plastic Viscos	ity (cp)		@ 150 °F	8		10	Collars	8.000	3.	250	115	5' 2,9	920'	Desand	ler			
Yield Point (lb.	/100 ft²)		T0 = 3	8		9		CASIN	IG & I	HOLE D	ATA			Desilte	er			
Gel Strength (lb/100 ft²)	1	10 sec/10 min	4/5		4/8	Casing	OD (in.)	ID	(in.)	Dep	th T	ор	Centrifug	je 1			12.0
Gel Strength (lb/100 ft ²)		30 min	7		12	Riser	20			108	3'	-	VOLUM	IE AC	COUNT	ING	(bbls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	7.6		10.0	Surface	10 3/4	9.	950	3,01	4' 10	08'	Prev. T	otal or	n Locati	on	279.5
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.					10	08'	Transfe	erred In	ı(+)/Out	:(-)	2362.0
Retort Solids (Content			9.5%		9%	Washout 1								Oil	Added	(+)	74.0
Corrected Soli	ids (vol%)			6.8%		6.5%	Washout 2							ļ	Barite .	Added	(+)	0.0
Retort Oil Con	itent			61.5%		65%	Open	Hole Size	10	.369	3,10	00'		Other Pr	oduct	Usage	(+)	10.0
Retort Water (Content			29%		26%	ANI	NULAR GE	ОМЕ	TRY & F	RHEO	LOGY		١	Water .	Added	(+)	
O/W Ratio				68:32		71:29	annular		200	veloc	it.	flow E	CD	Le	ft on C	uttings	(-)	-1.6
Whole Mud Cl	hlorides (n	ng/L)		68,000		62,000	section		eas. epth	ft/mi			'gal	Non-Rec	overat	ole Vol.	(-)	
Water Phase	Salinity (p	pm)		268,839		272,160	0x5	1(08'	-549.	.9	9.	52		(Centrifu	ge	-59.8
Whole Mud Al	kalinity, P	om		1.6		2.2	9.95x5	2,3	396'	185.	8	lam 9.	71	Est. T	otal or	n Locati	on	2664.1
Excess Lime (2.1 ppb		2.9 ppb	9.95x5	2,7	734'	185.			.18	Est. Los			_	0.0
Electrical Stab	· ')		340 v		310 v	9.95x6.5	5 2,9	920'	242.			.66			AULICS	. ,	TA
Average Spec			ids	2.68		2.58	9.95x8		014'	392.			.17	Bit H.S.I.	Bit 2			s (32nds)
Percent Low 0	•		-	5.5%		5.7%	10.369x		035'	315.			.69	0.50	117	-		14 14
ppb Low Grav		•		45 ppb		47 ppb		-,-				·	-		Noz	-	-	14 14
Percent Barite				1.3%		0.8%								Bit Impact Force	Velo	city		16 16
ppb Barite	•			18 ppb		12 ppb	BIT D	ATA	Ma	anuf./Typ	oe I	ULTERRA	/ PDC	316 lbs	12	´ -	+	- 10
Estimated Tot	al I CM in	System	ppb				Size	Depth In			Foota		ft/hr	Motor/M\			irc	Pressure
Sample Taker		J, 0.GIII	. 440	N. Dilly	0	M. Washburn	9 7/8	3,025 ft		1.0	75		5.0	1,548 p			052	
Cample Takel	. Бу			11. Dilly	Ū	· · · · · · · · · · · · · · · · ·	3 1/10	0,020 II			, 0	/	0	1,040	-01	۷,	JJ2	۲۰,

Remarks/Recommendations:

OBM RECEIVED: 2641 bbls

Transfer 2362bls OBM from the HO6 to HO4 leaving 444bls in casing on HO6.

Cut MW back from 9.8ppg to desired drill out weight of 8.8ppg with centrifuge and diesel addtions.

Pretreat Active with Lime, Opti G, Bentone 910/990, Mul, & WA prior to drill out.

Increased water phase due to incidental water incorporation from

surface cement job, line flushing, and BOP test.

Rig Activity:

Skid rig from H06 to H04. Nipple up, test, & service rig. P/U BHA #2 and TIH. Tag cement at 2,933'. Drill out shoe track, float equipment, and 10' of new formation. Perform FIT to 11.6ppg EMW. Drilling ahead at 3,100' at report time. Maintaining MW 8.8-9.0ppg with centrifuge and diesel additions. ROP 401'/hr. MWD Temp 113 $\,$ F.

	ng. 1: none:			k Bla 5-09			ng. 2: hone:		k 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 1	g 1	G 1	H 2	O 1	carefully	and may be		elects, however	, no representati	nas been prepared on is made as to the	\$6,157.13	\$9,602.33
												INCLUDI	NG 3RD PAR	TY CHARGES	\$14,101.97	\$17,547.17

Date 10/14/21	Operator MAG I	NOLIA OIL		Well Name a BIGHO	na No. RN PEAK H	104 BH	Rig Name an	d No. Repo	rt No. Repo	ort #3
	DAILY	USAGE 8	& COST					С	UMU	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		um	Cum Cos
			Inventory		Inventory	Usage	Daily Gost	Us	age	
SAPP (50)	50# sk	\$46.84		42 29	42 29				30	\$1,405.20
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								
ALOMINOM TRIOTEARATE	25# 31	ψ01.10								
CACL2 (50)	50# sk	\$14.32		476	476					
LIME (50)	50# sk	\$5.88		175	125	50	\$294.00		50	
OPTI - G	50# sk	\$32.44		220	168	52	\$1,686.88		52	\$1,686.88
BENTONE 38 (50)	50# sk	\$152.93		68	68					
BENTONE 910 (50)	50# sk	\$55.55		53	48	5	\$277.75		5	<u> </u>
BENTONE 990 (50)	50# sk	\$88.61		80	70	10	\$886.10		10	\$886.10
OPTI - MUL	gal	\$11.40		495	495					
OPTI - WET	gal	\$8.84		330	220	110	\$972.40		110	\$972.40
NEW PHALT	50# sk	\$38.72		168	168					
OIL SORB (25)	25# sk	\$4.75		47	47					
NIFIAL CARR (AA)	50# als	Ф Г 00		4.47	4.47					
NEW CARB (M) CYBERSEAL	50# sk 25# sk	\$5.63 \$24.40		147	147					
MAGMAFIBER F (25)	25# sk	\$28.05		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		64	64					
MICA F (50)	50# sk	\$10.38		40	40					
GRAPHITE - FINE (50)	50# sk	\$25.59		64	64					
0.01.1112 1.112 (00)	00# 0K	Ψ20.00		01	01			-		
NEW WATE (SACK BARITE)	100# sk	\$10.73		80	80					
BARITE BULK (100)	100# sk	\$8.17		1350	1350					
- (/		* -								
		<u></u>								
OPTI DRILL (OBM)	bbl	\$75.00	279	2027	2306					
MAGNOLIA OWNDED OBM	bbl			335	335					
DISCOUNTED OBM	bbl	\$15.00								
								<u> </u>		
								<u> </u>		
ENGINEEDING (2.1.12)	 	655					04.00-	<u> </u>		00.000
ENGINEERING (24 HR)	each	\$990.00					\$1,980.00	<u> </u>		\$3,960.00
ENCINEEDING (DIENA)	bbl	\$30.00				2	\$60.00	 	4	\$120.00
	each	\$1.00								
ENGINEERING (DIEM) ENGINEERING (MILES)			ı							
								J.		
ENGINEERING (MILES)		ne								
ENGINEERING (MILES) TRUCKING (cwt)	each	\$2.48								
ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each	\$812.50								
ENGINEERING (MILES) TRUCKING (cwt)										

Date	Operator			Well Name a	nd No.		Rig Name ar	id No.	Report No.	
10/14/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	ort #3
	DAILY	USAGE 8	COST						CUMUL	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63		1172		1172	\$3,082.36		1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66		3200	1372	1828	\$4,862.48		1828	\$4,862.48
Diesel Received 10-11-21	gal	\$2.66		7200	7200					
Diesel Received 10-12-21	gal	\$2.72		2500	2500					
					Daily S	ub-Total \$7	7,944.84		\$7,94	14.84
	2::	ulativa T-1	LAECCO	Dorte 64-	E 47 47					
	Cum	uiative 10ta	i A⊆3 & 310	l Party \$17,	341.17					
		· <u></u> -			· <u></u> -					

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

BIGHORN PEAK H04 BH

					WEEK 1							WEEK 2							WEEK 3			
	Date	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		10/19/21	10/20/21	10/21/21	10/22/21	10/23/21	10/24/21		10/26/21	10/27/21	10/28/21
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	9 7/8														
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100													
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100														
75	Footage Drilled	-	-	-		-	-	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	New Hole Vol.	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664
10	Chemical Additions		_,					10	_,-,	_,,	_,,	_,,	_,,	_,,	_,	_,-,	_,-,	_,,	_,-,	_,	_,,	_,-,
	Base Fluid Added							74														
-	Barite Increase																					
4,781	Weighted Mud Added	2,419						2,362														
-	Slurry Added																					
-	Water Added																					
-	Added for Washout																					
4,865	Total Additions	2,419	-	-	-	-	-	2,446	-	-	-	-	-	-	-	-	-	-	-	-	-	•
-	Surface Losses																					
-	Formation Loss																					
2	·							2														
-	Unrecoverable Volume																					
59	Centrifuge Losses							59														
61	Total Losses	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,140	Mud Transferred Out		2,140																			
2,664	Ending System Volume	2,419	279	279	279	279	279	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664	2,664
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		10/8/21	Transferre	d 2,419bls	from the H	O2 to the H	IO4.		10/15/21							10/22/21						
	1																					
2,641		10/9/21	77 Transferred 2,140bls from the HO4 to the HO6. Left 279bls in hole after cement job.													10/23/21						
		10/10/21	0/10/21													10/24/21						
		10/11/21	11/21													10/25/21						
		10/12/21	0/12/21													10/26/21						
		10/13/21							10/20/21							10/27/21						
		10/14/21	Lost 2bls t	o mud on c to 8.8ppg fo	euttings and or drill out.	59bls to co	entrifuge w	hile cutting	10/21/21							10/28/21						

OUTSOURCE FLUID SOLUTIONS LLC.

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

2.3° 8,258' TVD

	NOLIA (OIL & G	AS		TERSO	ON	_	HINGTO	N	1	O/07/21		5,242 ft			epth 8,34	2 ft	
Well Name and No. BIGHO	RN PE	AK H04	I BH	Rig Name an	248		State T E	EXAS		Spud Date	· 0/07/21		330 ft/hi		Activity D	RILI	LING	3
Report for				Report for			Field / OCS-G #			Fluid Type		Circu	lating Rate		Circulation	ng Pres	sure	
Br	randon	Parks		То	ol Pusi	ner	GID	DINGS			OBM		705 gpm	1	4	,050	ps	i
	MUD	PROPER	TY SPECIF	ICATION	s		MUD VO	LUME (BB	BL)	P	PUMP #1		PUMP #2		RISE	R B	OOST	ΓER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	500) bbl	Liner S	Size 5.	.25 Lin	er Size 5.	.25	Liner	Size		
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	770) bbl	Strok	e ´	12 S	roke 1	12	Strol	ке		
				10/15/21		10/14/21	Active	127	0 bbl	bbl/st	tk 0.0	763 b	ol/stk 0.0	763	bbl/s	stk	0.00	000
Time Sample T	Γaken			0:30		13:30	Storage	130	0 bbl	stk/m	in 1	10 st	k/min 1	10	stk/n	nin		
Sample Location	on			pit		pit	Tot. on Loc	cation 257	0 bbl	gal/m	in 3	53 ga	al/min 3	53	gal/n	nin	0)
Flowline Tempo	erature °F	=		152 °F		130 °F	F	PHHP = 166	66		CIRCUI	ATION D	ATA		n = 0.	628	K = 22	:3.367
Depth (ft)				8,086'		6,771'	Bit I	Depth = 8,3	342 '		Wash	out = 5%		Pump	Efficie	ncy =	95%	,
Mud Weight (p	pg)			9.5		9.2	Drill String	Volume	to Bit	144.1	bbl St	rokes To B	it 1,888		Time T	o Bit	9 m	nin
Funnel Vis (sed	c/qt)		@ 140 °F	43		59	Disp.	Bottoms U	p Vol.	625.9	bbl Bott	omsUp Stk	s 8,202	Botto	msUp 7	Гime	37 r	min
600 rpm				34		37	66.0 bbl	Riser Anr	n. Vol.	-2.6 b	bbl R	iser Stroke	s -34	Rise	r Circ. 7	Γime	0 m	nin
300 rpm				22		24		DRILLING	G ASS	SEMBLY	/ DATA		s	OLID	S CON	TRO	L	
200 rpm				19		20	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit		Scree	ens	Hou	urs
100 rpm				13		14	Drill Pipe	5.000	4.	276	7,703'	0'	Shaker	r 1	140	0	24	⊦.0
6 rpm				6		7	Hevi Wt	5.000	3.	800	338'	7,703'	Shaker	r 2	140	0	24	٠.0
3 rpm				5		6	Collars	6.500	2.	750	186'	8,041'	Shaker	r 3	140	0	24	.0
Plastic Viscosit	(4)		@ 150 °F	12		13	Collars	8.000	3.	250	115'	8,227'	Desand	der				
Yield Point (lb/	100 ft²)		T0 = 4	10		11		CASIN	IG & F	HOLE D	ATA		Desilte	er				
Gel Strength (II	b/100 ft ²)	10	sec/10 min	6/7		7/8	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifuç	ge 1			5.	.0
Gel Strength (II	b/100 ft ²)		30 min	8		12	Riser	20			108'		VOLUN	IE AC	COUN	TING	(bbl	s)
HTHP Filtrate ((cm/30 mi	in)	@ 300 °F	9.2		7.0	Surface	10 3/4	9.	950	3,014'	108'	Prev. 7	otal o	n Loca	ition	26	63.7
HTHP Cake Th	nickness ((32nds)		2.0		2.0	Int. Csg.					108'	Transfe	erred li	n(+)/O	ut(-)		
Retort Solids C	Content			12%		10.5%	Washout 1							Oil	Added	d (+)	2	230.5
Corrected Solid	ds (vol%)			9.5%		8.1%	Washout 2							Barite	Added	d (+)		17.4
Retort Oil Cont	tent			61%		60.5%	Oper	Hole Size	10	.369	8,342'		Other Pr	roduct	Usage	(+)		13.1
Retort Water C	Content			27%		29%	ANI	NULAR GE	OME	TRY & F	RHEOLO	ΒY	,	Water	Added	d (+)		
O/W Ratio				69:31		68:32	annulai	r me	eas.	veloci	ity flow	ECD	Le	eft on C	Cutting	s (-)	-3	328.5
Whole Mud Ch	nlorides (n	ng/L)		62,000		62,000	section		pth	ft/mii	-	lb/gal	Non-Red	covera	ble Vo	l. (-)		
Water Phase S	Salinity (p	om)		264,748		251,074	0x5	10	08'	-691	.3	9.83			Centrif	uge	-	-26.2
Whole Mud Alk	kalinity, P	om		2.9		2.2	9.95x5	3,0	014'	233.	5 lam	10.04	Est. 7	Total o	n Loca	ition	25	570.0
Excess Lime (II	b/bbl)			3.8 ppb		2.9 ppb	10.369x	5 7,7	703'	209.	4 lam	10.16	Est. Los	ses/G	ains (-))/(+)		0.0
Electrical Stabi	ility (volts))		451 v		315 v	10.369x	5 8,0	041'	209.	4 lam	10.48	ВІТ	HYDR	RAULIC	CS D	ATA	
Average Speci	fic Gravity	y of Solids	3	2.89		2.76	10.369x6	5.5 8,2	227'	264.	8 turb	10.80	Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	2nds)
Percent Low G	ravity Sol	lids		6.6%		6.2%	10.369x	8 8,3	342'	397.	1 turb	11.13	1.05	196	psi	14	14	14
ppb Low Gravit	ty Solids			54 ppb		51 ppb							Bit Impact	Noz		14	14	14
Percent Barite				2.9%		1.9%							Force	Velo (ft/s		16	16	16
ppb Barite				42 ppb		27 ppb	BIT D	ATA	Ма	anuf./Typ	oe ULTI	ERRA / PD	526 lbs	15	52			
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours	Footage	ROP ft/h	r Motor/M	WD	Calc.	Circ.	Pres	sure
Sample Taken	Ву			N. Dilly	0	M. Washburn	9 7/8	3,025 ft	2	2.0	5,317 ft	241.7	2,545	psi		4,050	psi	
Remarks/Recor	mmendation	ons:					Rig Activity:			1		1	_	l				

TOTAL OBM RECEIVED: 2641 bbls

Plan Forward: TD intermediate interval and POOH.

Increasing mud weight 0.2ppg every 1000' starting at 6,400' to a desired 9.8ppg at TD.

Treating active with maintenance amounts of Lime, Opti G,

Bentone 910/990, Mul, CaCl, & WA.

Pumping 10bls hi-vis sweeps every 300'.

Drill ahead from 3,100' to 8,342'. Weigh up to 9.2ppg by 6,400' (Midway), 9.4ppg by 7,400' (Navarro), and currently weighing up to achieve 9.6ppg by 8,800' (Pecan Gap). Adding diesel to maintain MW, control LGS, and for oil wetting of solids. Drilling ahead at report time. ROP 330'/hr. MWD Temp 208 F.

Eı	ng. 1:	F	atric	k Bla	ir	Er	ng. 2:	Nie	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Pł	none:	93	36-46	55-09	52	Pł	hone:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 0	P 0	Y 1	E 0	C 0	g 1	G 1	H 2	O 1	carefully	and may be	ecommendation, execused if the user so eation, and this is a	elects, however	, no representati	nas been prepared on is made as to the	\$18,687.72	\$28,290.05
												INCLUDI	NG 3RD PAR	TY CHARGES	\$42,109,40	\$59.656.57

Date 10/15/21	Operator MAG I	NOLIA OIL		Well Name a BIGHO	RN PEAK I	104 BH	Rig Name ar 2	48	Report No. Repo	ort #4
	DAILY	USAGE 8	& COST				•		CUMU	LATIVE
ltom			Previous	Dessived	Closing	Daily	Daily Cost		Cum	Cum Coo
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42				30	\$1,405.20
PHPA LIQUID (pail) EVO-LUBE	5 gal	\$41.36			29					
NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$11.54								
ALUMINUM TRISTEARATE	25# sk	\$81.16								
ALOMINOM TRIOTEARATE	25# 31	ψ01.10								
CACL2 (50)	50# sk	\$14.32	476		448	28	\$400.96		28	\$400.9
LIME (50)	50# sk	\$5.88	125	400	425	100	\$588.00		150	\$882.0
OPTI - G	50# sk	\$32.44	168		140	28	\$908.32		80	\$2,595.20
BENTONE 38 (50)	50# sk	\$152.93	68		68					
BENTONE 910 (50)	50# sk	\$55.55	48		48				5	· ·
BENTONE 990 (50)	50# sk	\$88.61	70		46	24			34	
OPTI - MUL	gal	\$11.40	495	440	275	660			660	
OPTI - WET	gal	\$8.84	220	440	440	220	\$1,944.80		330	\$2,917.2
NEW PHALT	50# sk 25# sk	\$38.72 \$4.75	168 47		168 47					
OIL SORB (25)	∠o# SK	ֆ4./ 5	47		47					
					+					
					+					
NEW CARB (M)	50# sk	\$5.63	147		147					
CYBERSEAL	25# sk	\$24.40			1					
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	64		64					
MICA F (50)	50# sk	\$10.38	40		40					
GRAPHITE - FINE (50)	50# sk	\$25.59	64		64					
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80					
BARITE BULK (100)	100# sk	\$8.17	1350		1100	250	\$2,042.50		250	\$2,042.50
ODTI DDILL (ODM)		Ф 7 Е 00	0000		0000					
OPTI DRILL (OBM)	bbl	\$75.00			2306					
MAGNOLIA OWNDED OBM	bbl	¢45.00	335		335					
DISCOUNTED OBM	bbl	\$15.00								
	+									
					-					
	+									
					+					
					+					
	each	\$990.00			+	2	\$1,980.00		6	\$5,940.00
ENGINEERING (24 HR)	-	\$30.00				2	\$60.00		6	
	l hhl						\$00.00			\$100.00
ENGINEERING (DIEM)	bbl each	\$1 00						ı		-
ENGINEERING (DIEM)	bbl each	\$1.00								
ENGINEERING (DIEM)		\$1.00								
ENGINEERING (DIEM)		\$1.00								
ENGINEERING (DIEM) ENGINEERING (MILES)	each									
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt)	each	\$2.48				1	\$812.50		1	\$812.50
ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min)	each	\$2.48 \$812.50				1 16	\$812.50 \$200.00		1 16	-
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) TRUCKING (cwt) TRUCKING (min) PALLETS (ea) SHRINK WRAP (ea)	each each	\$2.48					\$200.00			\$200.00

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
10/15/21	MAG	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	ort #4
	DAILY	USAGE 8	& COST						СПМП	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66	1372			1372	\$3,649.52		3200	\$8,512.00
Diesel Received 10-11-21	gal	\$2.66	7200			7200	\$19,152.00		7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72	2500		2272	228	\$620.16		228	\$620.16
Diesel Received 10-15-21	gal	\$2.70		7000	7000					
		1								
]		
		1								
		1						-		
								1		
		<u> </u>					<u> </u>	1		
					Daily Su	ub-Total \$2	3,421.68		\$31,3	66.52
	-					1				
	Cum	ulative Tota	ıl AES & 3rd	Party \$59	656.57					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: Well Name:

MAGNOLIA OIL & GAS

248

BIGHORN PEAK H04 BH

					WEEK 1							WEEK 2							WEEK 3			
	Date	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		10/26/21	10/27/21	10/28/21
	54.0	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	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	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342												
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	-,												
		<u> </u>	3,023																			
	Footage Drilled	-	-	-	-	-	-	75	5,242	-	-	-	-	-	-	-	-	-	-	-	-	-
504	New Hole Vol.	-		-	-	-	-	7	497			-	-	-	-		-		-	-		
22	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570
	Chemical Additions							10	13													
	Base Fluid Added							74	230													
	Barite Increase	0.440						0.000	17													
	Weighted Mud Added	2,419						2,362														
	Slurry Added																					
-	Water Added																					
	Added for Washout																					
5,125	Total Additions	2,419	-		-	-	-	2,446	260	-	-		-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
330	Mud Loss to Cuttings							2	328													
-	Unrecoverable Volume																					
85	Centrifuge Losses							59	26													
415	Total Losses	-	-	-	-	-	-	61	354	-	-	-	-	-	-	-	-	-	-	-	-	-
2,140	Mud Transferred Out		2,140																			
2,570	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570	2,570
-	Mud Recovered																					
				C	omment	s:					C	omment	s:					-	omment	s:		
						-							-									
		10/8/21	Transferre	ed 2,419bls	from the H	O2 to the H	IO4.		10/15/21	Lost 328ble processing			and 26bls to	centrifuge		10/22/21						
2,641			Transferred 2,140bls from the HO4 to the HO6. Left 279bls in hole after cement job.													10/23/21						
	I	10/10/21							10/17/21							10/24/21						
		10/11/21							10/18/21							10/25/21						
		10/12/21							10/19/21							10/26/21						
		10/13/21							10/20/21							10/27/21						
		10/14/21 Lost 2bls to mud on cuttings and 59bls to centrifuge while of MW back to 8.8ppg for drill out.														10/28/21						

0' TVD

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.0°

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS		TTERSO	ON		Block	N		0/07		24 hr f	itg. 1,448 1	t	Drilled	9,79	00 ft	
	ORN PE	AK HO	04 BH	Rig Name ar	1d No. 248		State TE	EXAS		Spud Dat	e 0/07	7/21	Currer	nt ROP Oft/hi		Activity R		asin	ıa
Report for				Report for			Field / OCS-G #			Fluid Typ			Circula	ating Rate			ting Pre		3
В	randon	Parks	5	То	ol Pusi	ner	GID	DINGS			ОВ	М		0 gpm	1		p	si	
	MUD	PROPE	RTY SPECIF	ICATION	S	T	MUD VO	LUME (BE	BL)	١	PUMI	P #1		PUMP #	2	RIS	ER B	OOST	ΈR
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	53	5 bbl	Liner	Size	5.25	Line	r Size	5.25	Liner	Size		
9-18	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	98	7 bbl	Strol	ke	12	Str	oke	12	Stro	oke		
				10/16/21		10/15/21	Active	53	5 bbl	bbl/s	stk	0.076	3 bb	l/stk 0	.0763	bbl	/stk	0.00	000
Time Sample	Taken			0:30		2:30	Storage	100	00 bbl	stk/n	nin	0	stk	/min	0	stk/	min		
Sample Locati	on			pit		pit	Tot. on Loc	cation 252	22 bbl	gal/n	nin	0	gal	l/min	0	gal/	min	0)
Flowline Temp	erature °F	=				158 °F		PHHP = 0	l		CII	RCULA	TION DA	ATA		n = 0).637	K = 25	8.527
Depth (ft)				9,790'		9,790'	E	Bit Depth =	'		\	Vashou	t = 5%		Pump	Effici	ency :	= 95%)
Mud Weight (p	opg)			9.9		9.8	Drill String	Volume	e to Bit	0.0 k	obl	Strok	es To Bit			Time '	To Bit		
Funnel Vis (se	c/qt)		@ 136 °F	50		55	Disp.	Bottoms L	Jp Vol.	0.0 k	obl	Bottom	sUp Stks		Botto	msUp	Time		
600 rpm				42		42	0.0 bbl	Riser An	n. Vol.	0.0 k	obl	Rise	Strokes	i	Rise	er Circ.	Time		
300 rpm				27		27		DRILLIN	G ASS	SEMBL	Y DA	ГА			SOLID	s co	NTRO	L	
200 rpm				22		23	Tubulars	OD (in.)	ID	(in.)	Len	gth	Тор	Un	it	Scre	eens	Ηοι	urs
100 rpm				16		15	Drill Pipe	7.625	6.	875	C)'	0'	Shak	er 1	14	40	19	.0
6 rpm				7		7	Hevi Wt						0'	Shak	er 2	14	40	19	.0
3 rpm				6		6	Collars						0'	Shak	er 3	14	40	19	.0
Plastic Viscos	Plastic Viscosity (cp) @ 150			15		15	Collars						0'	Desai	nder				
Yield Point (lb.	Yield Point (lb/100 ft ²) $T0 =$			12		12		CASI	NG & H	HOLE D	ATA			Desi	lter				
Gel Strength (lb/100 ft ²)	1	0 sec/10 min	8/10		8/12	Casing	OD (in.)	ID	(in.)	De	oth	Тор	Centrif	uge 1			0.0	0
Gel Strength (lb/100 ft ²)		30 min	11		14	Riser	20			10	18'		VOLU	ME AC	COU	NTING	G (bbl	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	8.8		8.0	Surface	10 3/4	9.	950	3,0	14'	108'	Prev.	Total of	on Loc	ation	25	570.0
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.						108'	Trans	ferred	In(+)/C	Out(-)		
Retort Solids (Content			13.7%		13.5%	Washout 1								Oi	l Adde	ed (+)		97.6
Corrected Soli	ds (vol%)			11.2%		11.1%	Washout 2								Barite	Adde	ed (+)		24.4
Retort Oil Con	tent			62.9%		62.5%	Oper	Hole Size	10	.369	9,7	90'		Other I	Produc	t Usag	je (+)		11.5
Retort Water (Content			23.4%		24%	ANI	NULAR GI	EOME	TRY &	RHE	DLOGY			Water	r Adde	ed (+)		0.2
O/W Ratio				73:27		72:28	annular		eas.	velo		flow	ECD	L	eft on	Cutting	gs (-)	-1	181.5
Whole Mud Cl	nlorides (n	ng/L)		60,000		59,000	section	d€	epth	ft/m	iin	reg	lb/gal	Non-Re	ecovera	able V	ol. (-)		
Water Phase	Salinity (pp	pm)		286,770		278,232										Centr	ifuge		
Whole Mud Al	kalinity, Po	om		2.8		2.2								Est.	Total of	on Loc	ation	25	522.2
Excess Lime (lb/bbl)			3.6 ppb		2.9 ppb								Est. Lo	sses/G	ains (-)/(+)		0.0
Electrical Stab	ility (volts))		457 v		510 v								BI	T HYDI	RAUL	ICS D	ATA	
Average Spec	ific Gravity	y of Solid	ds	3.08		2.99								Bit H.S.I	. Bit	ΔΡ	Nozz	les (32	2nds)
Percent Low 0	Gravity Sol	lids		6.6%		7%								0.00		psi	14	14	14
ppb Low Grav	ity Solids			54 ppb		58 ppb								Bit Impac	~+ I	zzle ocity	14	14	14
Percent Barite	1			4.7%		4.1%								Force		sec)	16	16	16
ppb Barite				67 ppb		59 ppb	BIT D	ATA	Ma	anuf./Ty	ре	ULTER	RA / PDC	0 lbs		0			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	ours	Foot	age R	OP ft/hr	Motor/I	MWD	Calc	. Circ	Press	sure
Sample Taker	в Ву			N. Dilly	0	M. Washburn	9 7/8	3,025 ft	3	4.0	6,76	55 ft	199.0						

Remarks/Recommendations:

TOTAL OBM RECEIVED: 2641 bbls

Plan Forward: Run 7 5/8" casing and cement same.

Increased mud weight 0.2ppg every 1000' starting at 6,400' to a desired 9.8ppg at TD. $\,$

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

Pumped 10bls hi-vis sweeps every 300' to TD.

Rig Activity:

Drill 9-7/8" intermediate hole section to TD of 9,790' MD, 9689 TVD (AC). Kick off and build to 20.92 deg inclination. Pump a 30 bbl Hi Visc sweep at TD and circulate hole clean. Observed a few pieces of blocky lignite at shakers up to 3" which is typical in this interval. Mud wt was increased to 9.8 before TD. Slug pipe and POOH. Rigging up 7 5/8" casing tools and testing at report time.

	Eng. 1:		Patric	k Blai	ir	Er	ng. 2:	Ni	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	Phone:	9	36-46	5-09	52	Pł	hone:	337-	207-8848	Phone:	432-686-7361	Phone:	-			
V\ 1	/ P 0	Y 1	E 0	C 2	g 1	G 1	H 2	O 1	carefully	and may be	ecommendation, ex used if the user so ation, and this is a	elects, however	no representati	nas been prepared on is made as to the	\$13,594.95	\$39,349.86
												INCLUDI	NG 3RD PAR	TY CHARGES	\$24,116.39	\$81,237.82

Date 10/16/21	Operator MAG I	NOLIA OIL		Well Name a BIGHO	nd No. RN PEAK H		Rig Name an		No. Report :	#5
	DAILY	USAGE 8	k COST				I.		MULA	
			Previous		Closing	Daily		Cur	n	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usa	ge	ım Cos
SAPP (50)	50# sk	\$46.84	42		42				30 \$1	1,405.20
PHPA LIQUID (pail)	5 gal	\$41.36	29		29					
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk 25# sk	\$11.54 \$81.16								
ALUWINUW TRISTEARATE	25# SK	φο1.10								
CACL2 (50)	50# sk	\$14.32	448		448				28	\$400.96
LIME (50)	50# sk	\$5.88	425		398	27	\$158.76		177 \$1	1,040.76
OPTI - G	50# sk	\$32.44	140		80	60	\$1,946.40		140 \$4	4,541.60
BENTONE 38 (50)	50# sk	\$152.93	68		68					
BENTONE 910 (50)	50# sk	\$55.55	48		35	13	\$722.15			\$999.90
BENTONE 990 (50)	50# sk	\$88.61	70		56	14	<u> </u>			2,126.64
OPTI - MUL	gal	\$11.40	275		165	110	\$1,254.00			8,778.00
OPTI - WET NEW PHALT	gal 50# sk	\$8.84 \$38.72	440 168		330 158	110 10	\$972.40 \$387.20			3,889.60 \$387.20
OIL SORB (25)	25# sk	\$4.75	47		47	10	φ301.2U		10	φ307.20
OIL SOND (23)	25# 38	ψ4.73	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	64		64					
MICA F (50)	50# sk	\$10.38	40		40					
GRAPHITE - FINE (50)	50# sk	\$25.59	64		64					
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80		******			
BARITE BULK (100)	100# sk	\$8.17	1150	800	1600	350	\$2,859.50		550 \$2	4,493.50
	+									
					1					
OPTI DRILL (OBM)	bbl	\$75.00	2306		2306					
MAGNOLIA OWNDED OBM	bbl		335		335		L_			
DISCOUNTED OBM	bbl	\$15.00								
							ı ———		-	
ENCINEEDING (O.L.P.)		these are					C 4 000 0			7,000
. ,	each	\$990.00					\$1,980.00			
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl	\$30.00				2 2	\$1,980.00 \$60.00			
. ,										
ENGINEERING (DIEM)	bbl	\$30.00								
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				2	\$60.00		8	\$240.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00				2	\$60.00 \$30.00		2	\$240.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each	\$30.00 \$1.00 \$15.00 \$2.48				2	\$60.00 \$30.00		2 800 \$	\$240.00 \$30.00 1,984.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	bbl each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50				2	\$60.00 \$30.00		2 800 \$1	\$240.00 \$30.00 1,984.00 \$812.50
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each each	\$30.00 \$1.00 \$15.00 \$2.48				2	\$60.00 \$30.00		2 800 \$1 16	7,920.00 \$240.00 \$30.00 1,984.00 \$812.50 \$200.00 \$100.00

Date	Operator			Well Name a	nd No.		Rig Name and	l No.	Report No.	
10/16/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	24	8	Repo	rt #5
	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 Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66							3200	\$8,512.00
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72	2272			2272				\$6,800.00
Diesel Received 10-15-21	gal	\$2.70	7000		5392	1608	\$4,341.60		1608	\$4,341.60
Diesel Received 10-15-21	gal	\$2.70		7200	7200					
		•			Daily Si	ıb-Total \$1	0,521.44		\$41,8	87.96
					20, 30		- /		\$41,0	
	Cum	ulative Tota	I AES & 3rd	Party \$81,	237.82					
						•				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

BIGHORN PEAK H04 BH

					WEEK 1							WEEK 2							WEEK 3			
	Date	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	10/26/21	10/27/21	10/28/21
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	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												
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790											
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790												
6,765	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	-	-	-	-	-	-	-	-	-	-
641	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	-	ı	-	-	-	-	-	-	-	-
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522
32	Chemical Additions							10	11	11												
402	Base Fluid Added							74	230	98												
	Barite Increase								14	24												
4,781	Weighted Mud Added	2,419						2,362														
-	Slurry Added																					
5	Water Added								5													
-	Added for Washout																					
5,258	Total Additions	2,419	-	-	-	-	-	2,446	260	133	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
511	Mud Loss to Cuttings							2	328	181												
-	Unrecoverable Volume																					
85	Centrifuge Losses							59	26													
596	Total Losses	-	-	-	-	-	-	61	354	181	-	-	-	-	-	-	-	-	-	-	-	-
2,140	Mud Transferred Out		2,140																			
2,522	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522	2,522
_	Mud Recovered																					
			•		omment	c ·	•	•				omment	c.		•				omment	te.		•
					Omment	<u>. </u>			-			Omment	<u>. </u>						Omment			
		10/8/21	Transferre	d 2,419bls	from the H	O2 to the H	1O4.		10/15/21	Lost 328ble processing	s to mud or active sys	n cuttings a tem.	and 26bls to	centrifuge	•	10/22/21						
2,641]	10/9/21 Transferred 2,140bls from the HO4 to the HO6. Left 279bls in hole after cement job.							10/16/21	Lost 181ble	s to mud o	n cuttings w	vhile drilling	and circul	ating hole	10/23/21						
		note and contempos.																				
		10/10/21														10/24/21						
		10/11/21														10/25/21						
		10/12/21														10/26/21						
		10/13/21							10/20/21							10/27/21						

TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

Operator MAG Well Name and No	NOLIA (OIL &	GAS	Contractor PA1 Rig Name ar	TTERSO	ON	County / Parish / WASH	Block	N	Engineer S 10 Spud Date	0/07/		24 hr ftg	0 ft		Orilled D	9, 7 9	0 ft	
	ORN PE	AK H	04 BH		248			EXAS			0/07/	21		0 ft/hr		-	Skid	Rig	3
Report for				Report for			Field / OCS-G #			Fluid Type			Circulati	ing Rate	(Circulati	ng Pres	ssure	
В	randon	Park	S	То	ol Pusi	ner	GID	DINGS			OBN	1		0 gpm			р	si	
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	Р	UMP	#1		PUMP #2		RISE	R B	oos	TER
Weight	PV	ΥP	E.S.	CaCl2	GELS	HTHP	In Pits	0	bbl	Liner S	ize	5.25	Liner	Size 5.	25	Liner	Size		
9-18	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	44	4 bbl	Stroke	е	12	Stro	ke 1	2	Stro	ke		
				10/17/21		10/16/21	Active	0	bbl	bbl/st	k	0.0763	bbl/	stk 0.0	763	bbl/s	stk	0.0	0000
Time Sample	Taken			0:30		12:30	Storage	<u>0</u>	<u>bbl</u>	stk/mi	in	0	stk/r	min	0	stk/r	nin		
Sample Locati	ion			pit		pit	Tot. on Loc	cation 44	4 bbl	gal/mi	in	0	gal/r	min	0	gal/r	nin		0
Flowline Temp	oerature °F	=						PHHP = 0	l		CIRC	ULATIO	N DA	ТА		n = 0	628	K = 2	23.367
Depth (ft)				9,790'		9,790'	E	Bit Depth =	1		W	ashout =	5%		Pump	Efficie	ency =	95%	6
Mud Weight (բ	opg)			9.6		9.8	Drill String	Volume	e to Bit	0.0 bl	bl	Strokes	To Bit		1	ime T	o Bit		
Funnel Vis (se	ec/qt)		@ 106 °F	52		53	Disp.	Bottoms U	Jp Vol.	0.0 bl	bl E	ottomsUp	Stks		Botton	nsUp [*]	Time		
600 rpm	·					41	0.0 bbl	Riser An	n. Vol.	0.0 bl	bl	Riser St	rokes		Riser	Circ.	Time		
300 rpm				22		25		DRILLIN	G ASS	SEMBLY	DATA	١		s	OLIDS	CON	ITRO	L	
200 rpm				17		21	Tubulars	OD (in.)	ID	(in.)	Leng	h To	ор	Unit		Scre	ens	Но	ours
100 rpm				12		14	Drill Pipe				0'	()'	Shaker	1	14	0	18	8.0
6 rpm				6		6	Hevi Wt					()'	Shaker	2	14	0	18	8.0
3 rpm				5		5	Collars					()'	Shakei	. 3	14	0	18	8.0
Plastic Viscos	ity (cp)		@ 150 °F	12		16	Collars					()'	Desand	der				
Yield Point (lb.	/100 ft²)		T0 = 4	10		9		CASII	NG & I	HOLE D	ATA			Desilte	er				
Gel Strength (Ib/100 ft ²)	1	0 sec/10 min	6/8		7/9	Casing	OD (in.)	ID	(in.)	Dept	h To	ор	Centrifuç	ge 1			8	3.0
Gel Strength ((lb/100 ft ²)		30 min	9		11	Riser	20			108			VOLUN	IE AC	COUN	ITING	(bb	ls)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	9.4		8.4	Surface	10 3/4	9.	950	3,014	l' 10	08'	Prev. T	otal or	n Loca	ation	2	522.2
HTHP Cake T	hickness ((32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875	9,779	9' 10	08'	Transfe	erred In	ı(+)/O	ut(-)	-2	040.0
Retort Solids (Content			12.5%		13.5%	Washout 1								Oil	Adde	(+) b		65.7
Corrected Sol	ids (vol%)			10.2%		11%	Washout 2								Barite .	Adde	(+)		0.0
Retort Oil Con	ntent			63.5%		63.5%	Oper	Hole Size	0.	000	9,790)'		Other Pr	roduct	Usage	e (+)		0.0
Retort Water	Content			24%		23%	ANI	NULAR G	EOME	TRY & R	RHEOL	.OGY		,	Water .	Adde	(+)		
O/W Ratio				73:27		73:27	annular	, m	eas.	veloci	tv fl	ow E0	CD	Le	ft on C	utting	s (-)		0.0
Whole Mud C	hlorides (n	ng/L)		57,000		61,000	section		epth	ft/mir			gal		D	umpe	d (-)		-65.0
Water Phase	Salinity (p	pm)		271,360		293,727					<u> </u>	<u> </u>			(Centri	fuge		-38.9
Whole Mud Al	lkalinity, P	om		2.5		3.0								Est. T	otal or	n Loca	ation		444.0
Excess Lime ((lb/bbl)			3.3 ppb		3.9 ppb								Est. Los	ses/Ga	ains (-	_)/(+)		0.0
Electrical Stab	oility (volts))		465 v		490 v							-	BIT	HYDR	AULI	CS D	ATA	
Average Spec	cific Gravity	y of Soli	ds	2.98		3.01							-	Bit H.S.I.	Bit /	ΔP	Nozzl	es (3	2nds)
Percent Low 0	•			6.5%		6.9%										}			
ppb Low Grav	rity Solids			54 ppb		56 ppb							-	Bit Impact	Noz				
Percent Barite				3.7%		4.2%								Force	Velo	-			
ppb Barite				53 ppb		60 ppb	BIT D	ATA	Ma	anuf./Typ	е								\vdash
Estimated Tot	al LCM in	System	ppb				Size	Depth In			Foota	ge ROP	ft/hr	Motor/M	WD	Calc.	Circ.	Pres	ssure
Sample Taker		, .	I. I.	N. Dilly	0	M. Washburn	-												
-apio raitei	,			,	<u> </u>				1										

Remarks/Recommendations:

TOTAL OBM RECEIVED: 2641 bbls

Plan Forward: Skid rig to Bighorn Plains HO2 BH

Transfer 2047bls OBM to HO2 leaving 444bls in casing on HO4.

Rig Activity:

Ran 7 5/8" casing to 9,779' LP with no issues. Circulate 1 1/2 casing capacity and rig down casing tools. Rig up cementing equipment and test lines. Pump 50bls 10.5ppg spacer, 283bls 11.8ppg lead, & 78bls 16.2ppg Tail. Drop plug and displace with 445bls of active 9.8ppg OBM. Dumped 65bls of OBM/Spacer interface. Bump plug and test casing to 3500psi. Rig down cementers and flush lines. Nipple down and install well cap. Preparing to skid rig. Currently in the process of cutting MW in active from 9.8ppg back to 8.8ppg with diesel additions and centrifuge.

_																
E	ng. 1:	- 1	Patric	k Blai	ir	E	ng. 2:	Nic	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Р	none:	9	36-46	5-09	52	PI	hone:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	carefully	and may be	used if the user		r, no representati	nas been prepared on is made as to the	\$0.00	\$39,349.86
												INCLUD	ING 3RD PAR	TY CHARGES	\$7,452.00	\$88,689.82

Date 10/17/21	Operator MAGI	NOLIA OIL		Well Name a	nd No. RN PEAK I	H04 RH	Rig Name and			ort #6
10/17/21	•	USAGE 8		Бібію	KN FLAK	104 BH	240			LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		um age	Cum Cos
SAPP (50)	50# sk	\$46.84	inventory 42	-42	inventory	Usage		US		\$1,405.2
PHPA LIQUID (pail)	5 gal	\$41.36	29	-29					30	\$1,400.2
EVO-LUBE	gal	\$14.00	20	20						
NEW GEL (PREMIUM)	100# sk	\$11.54								
ALUMINUM TRISTEARATE	25# sk	\$81.16								
ALOMINOM TRIOTEAUXTE	20# 310	ψ01.10								
CACL2 (50)	50# sk	\$14.32	448	-448					28	\$400.9
LIME (50)	50# sk	\$5.88	398	-398					177	
OPTI - G	50# sk	\$32.44	80	-80					140	
BENTONE 38 (50)	50# sk	\$152.93	68	-68					140	Ψ+,0+1.0
BENTONE 910 (50)	50# sk	\$55.55	35	-35					18	\$999.9
BENTONE 910 (50)	50# sk	\$88.61	56	-56				-	24	
·								-		
OPTI - MUL OPTI - WET	gal	\$11.40	165	-165					770	
	gal	\$8.84	330	-330					440	
NEW PHALT	50# sk	\$38.72	158	-158					10	\$387.2
OIL SORB (25)	25# sk	\$4.75	47	-47			+			
							 			
								<u> </u>		
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	64	-64						
MICA F (50)	50# sk	\$10.38	40	-40						
GRAPHITE - FINE (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					550	\$4,493.50
OPTI DRILL (OBM)	bbl	\$75.00	2306	-1862	444					
MAGNOLIA OWNDED OBM	bbl		335	-185		150			150	
DISCOUNTED OBM	bbl	\$15.00								
	1							<u> </u>		
	1									
	1									
								-		
	+						+	-		
	+							-		
	+							 		
	+						+	-		
	+						+	-		
ENGINEERING (24 HR)	oc-h	\$990.00					+	-	^	\$7,920.0
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$990.00					+		8	
	1	-					+	<u> </u>	8	\$240.00
ENGINEERING (MILES)	each	\$1.00					+	<u> </u>		
							 	<u> </u>		
Ocale Ticket	-	A							-	*
Scale Ticket	each .	\$15.00						<u> </u>	2	
TRUCKING (cwt)	each	\$2.48						<u> </u>		\$1,984.0
TRUCKING (min)	each	\$812.50							1	
PALLETS (ea)	each	\$12.50							16	
SHRINK WRAP (ea)	each	\$12.50							8	\$100.00
		Ī					20 240 22			40.00
					Gumulati	ve Total \$.00,043.00		ψ . 3	349.86

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
10/17/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	ort #6
	DAILY	USAGE 8	k COST						СПМП	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66								\$8,512.00
Diesel Received 10-11-21	gal	\$2.66								\$19,152.00
Diesel Received 10-12-21	gal	\$2.72								\$6,800.00
Diesel Received 10-15-21	gal	\$2.70			2632	2760	\$7,452.00			\$11,793.60
Diesel Received 10-15-21	gal	\$2.70			7200		V 1,10=100			***,********
2.000.7.000.700 10 10 2.	94.	Ψ2σ	.200		. 200					
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								1		
	•				Daily 9	uh-Total &	7 452 00]	\$49,3	30 0E
					Daily S	ub-Total \$,432.00		\$49,3	J9.90
	-									
	Cum	ulative Tota	I AES & 3rd	Party \$88,	689.82					
						l				

OUTSOURCE FLUID SOLUTIONS LLC.

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

248

BIGHORN PEAK H04 BH

					WEEK 1							WEEK 2							WEEK 3			
	Date	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	10/26/21	10/27/21	10/28/21
		Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
	Bit Size	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	9 7/8											
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790										
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790											
6,765	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	-	-	-	-	-	-	-	-	-	-
641	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	-	-	-	-	-	-	-	-	-	
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	444	444	444	444	444	444	444	444	444	444
32	Chemical Additions							10	11	11												
	Base Fluid Added							74	230	98	66											
	Barite Increase								14	24												
4,781	Weighted Mud Added	2,419						2,362														
-	Slurry Added																					
5									5													
-	Added for Washout																					
5,324	Total Additions	2,419	-	-	-	-	-	2,446	260	133	66	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings							2	328	181												
65											65											
124	Centrifuge Losses							59	26		39											
700	Total Losses	-	-	-	-	-	-	61	354	181	104	-	-	-	-	-	-	-	-	-	-	-
4,180	Mud Transferred Out		2,140								2,040											
444	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	444	444	444	444	444	444	444	444	444	444	444
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					C	omment	s:		
	٦	10/8/21	Transferre	ed 2,419bls	from the H	O2 to the H	104.			Lost 328bl processing		n cuttings a tem.	nd 26bls to	centrifuge		10/22/21						
601		10/9/21	Transferre hole after		from the H	O4 to the H	IO6. Left 27	79bls in		Lost 181bl clean.	s to mud o	n cuttings w	hile drilling	and circula	ating hole	10/23/21						
		10/10/21							10/17/21			nterfaced o				10/24/21						
		10/11/21							10/18/21							10/25/21						
		10/12/21							10/19/21							10/26/21						
									10,10,21							10/27/21						
		10/13/21							10/20/21							10/27/21						

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	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	6	\$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
								<u> </u>	
								 	
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				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

BIGHORN PLAINS H02 BH

					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.

20.9°

14,132' TVD

TEL: (337) 394-1078

Operator MAG Well Name and No	NOLIA (OIL &	GAS	PATRIG Name ar	TTERSO	ON	County / Parish / WASH	Block	ON	Engineer Sta 10 Spud Date	rt Date /07/21	24 hr f	tg. 3,624 ft nt ROP	:	rilled Depth	547 ft	t
	ORN PE	AK HO	04 BH	rtig ivallie al	248			EXAS			/07/21	Curren	240 ft/hı		•	illing	
Report for	D	- ni - Na		Report for	al Dual		Field / OCS-G #	DINO		Fluid Type			ating Rate		irculating P		
Kevin	Burt/Ch		-		ol Pusi	ner		DINGS			DBM		445 gpm			l0 psi	
NA/-1-I-4		1	RTY SPECIF		l	LITLID	MUD VO				IMP #1	-	PUMP #2		RISER		EK
Weight 9-18	PV 8-20	YP 5-20	E.S. >200	CaCl2	GELS <10 <12	HTHP <10	In Pits		67 bbl 74 bbl	Liner Siz	e 5.2 12			.25 L 12	iner Size	,	
9-10	0-20	5-20	>200	±270K 11/2/21	<10 < 12	11/1/21	In Hole Active		241 bbl	Stroke bbl/stk	0.07			763	bbl/stk	0.00	000
Time Sample	Takan			0:30		14:30	Storage		95 bbl	stk/min				51	stk/min	0.00	500
Sample Locati				pit		flowline	Tot. on Loc	·						63	gal/min	0	0
Flowline Temp				135 °F		138 °F		PHHP = 1		gal/min		3			$gavmin$ $1 = 0.62^{\circ}$		
Depth (ft)	Derature 1	Г		14,547'		12,795		Depth = 1				ation da out = 0%			fficiency		
Mud Weight (r	20a)			9.1		9.1	DIL L	1		205.6 bl				1	ime To B		
			@ 110 °F	48		48	Drill String Disp.					kes To Bit	,				
Funnel Vis (se	ec/qt)		@ 110 F	40			81.6 bbl		•	367.9 bl		nsUp Stks			sUp Time		
600 rpm						38	61.6		nn. Vol.			er Strokes	1	<u> </u>	Circ. Time		11111
300 rpm				26		25	Tubulara			SEMBLY I		Ton	Unit				
200 rpm				21		21	Tubulars	,	•	` '	ength	Top 0'			Screens	Hou	urs
100 rpm				16 8		18 9	Drill Pipe				4,386'		Shaker		140		
6 rpm				7			Hevi Wt			000	34'	14,386'	Shaker		140		
3 rpm	· (·)		@ 450 °E			8	Collars		۷.	680	127'	14,420'	Shaker		140		
Plastic Viscos			@ 150 °F	14		13	Collars		INC 9 I	HOLE DA	ΓΛ	14,547'	Desand Desilte				
Yield Point (lb.		4	T0 = 6	8/11		10/12	Casina					Тор					
Gel Strength (0 sec/10 min 30 min	13		14	Casing Riser	•	טו ((in.)	Depth 108'	тор	Centrifuç		OLINITIA	IC /hhl	la\
Gel Strength (·		@ 300 °F	7.4		8.0	Surface	10 3/4	۵	950	3,014'	108'			Location		362.9
	`		@ 300 T	2.0		2.0	Int. Csg.	7 5/8			9,779'	108'			+)/Out(-		310.0
HTHP Cake T		(32HuS)		10.5%		10.5%	Washout 1	1 3/0	0.	013	5,115	100	Hansie		(+)/Out(- \dded (+	,	91.7
Corrected Soli				8%		8%	Washout 2								Added (+		7.0
Retort Oil Con	. ,			63.5%		65.5%		n Hole Siz	, 6	750 1	4,547'		Other Pi		•	•	13.7
Retort Water				26%		24%				TRY & RH		v	_		Added (+	,	26.0
O/W Ratio	Content			71:29		73:27	AN	INOLAIC	CONIC			•			uttings (-	,	192.5
Whole Mud C	hloridos (r	ma/L)		62,800		62,000	annular section		neas. depth	velocity ft/min	flow reg	ECD lb/gal	Le		eturns (-	,	248.2
Water Phase	•			274,707		288,301	0x4.5		108'	-539.2		9.27	Non-Red		•	•	-35.0
Whole Mud Al				3.0		3.0	6.875x4.		9,779'	404.2	turb	10.33			Location	•	835.6
Excess Lime (OIII		3.9 ppb		3.9 ppb	6.75x4.		4,386'	431.4	turb	10.54	Est. Los				0.0
Electrical Stab	• •	.)		452 v		506 v	6.75x5.2		4,420'	606.6	turb	10.72			AULICS		
Average Spec		*	de .	2.70		2.82	6.75x5.12		4,547'	565.8	turb	10.72	Bit H.S.I.	Bit Δ		zzles (32	2nds)
Percent Low 0			<u>.</u>	6.4%		5.8%	0.7000.12		1,0-11	505.6	เนเม	10.31	0.54	75 p			18
ppb Low Grav				52 ppb		48 ppb								Nozz		+ +	18
Percent Barite				1.6%		2.2%							Bit Impact Force	Veloc (ft/se	ity	10	10
ppb Barite	•			23 ppb		31 ppb	BIT D	ΑΤΔ	Ma	anuf./Type	Hal	liburton	201 lbs	96	´	+	\vdash
Estimated Tot	al I CM in	System	ppb	20 pp0		01 pps	Size	Depth I	_		ı	ROP ft/hr		<u> </u>	Calc. Cir	C Pres	SUITE
Sample Taker		Jysiciii	եհո	C. Beasley	0	P. Blair	6 3/4	9,790 f			,757 ft	110.6	5,102			59 psi	
Dample Taker				J. Doubley		Diali	Dia Activity	5,7301	`	J.J	,, 0, 11	. 10.0	5,102	P-01	7,0	20 bai	

Remarks/Recommendations:

TOTAL OBM RECEIVED: 2842 bbls

Plan Forward: TIH Drilling out
Transfer 1929 bls OBM F HO2

SWEEP: Pumping 15 PPB LCM sweeps as needed or every

300'.

Rig Activity:

Rot/Sld Drlg F/10,923' T/12,900' at pm report time. Increased density T/9.1 ppg, max gas units at 2748. Minor seepage losses F/11,556' T/11,779' @ 10 bbls/hr. Incorporated Procor material into sweep, 5 ppb Superceal and 7 ppb Pro-V with 5 ppb Magmafiber fine, pumped 10 bbls of same, losses subsided. Pumped 10 bbls/stand, currently pumping 10 bbls every other stand. Constantly monitoring flow line OWR for substantial water cation increases, 1% increase from previous am report, all water contaminated fluid has been eliminated from auxiliary storage, will continue to monitor. Drilled to 14,547'. Water increased 2% since mid day report. Water is off and will continue to monitor. 100% AC, Max Gas 1875 units, Casing psi 0. Seepage averaged at 10 BBL/HR over last 24 HRS..

	Eng. 1:		k Bla		9		Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
-	Phone: P 1		65-09: C 1			O 1	carefully	and may be	432-686-7361 ecommendation, exp used if the user so ation, and this is a r	elects, however	, no representation	nas been prepared on is made as to the	\$13,066.11	\$68,708.42
					•			•		INCLUDI	NG 3RD PAR	TY CHARGES	\$23,394.03	\$149,788.38

Date 11/02/21	Operator MAG I	NOLIA OIL		Well Name a BIGHO	ind No. RN PEAK H		Rig Name and N 248		ort #9
	DAILY	USAGE 8	COST					CUML	ILATIVE
ltem	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 94		42 94			30	\$1,405.20
PHPA LIQUID (pail) EVO-LUBE	5 gal gal	\$41.36 \$14.00	94		94				
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	232		168	64	\$916.48	260	\$3,723.20
LIME (50)	50# sk	\$5.88	380		300	80	\$470.40	377	
OPTI - G	50# sk	\$32.44	80		65	15	\$486.60	195	+
BENTONE 38 (50)	50# sk	\$152.93	48		48			(\$917.58
BENTONE 910 (50)	50# sk	\$55.55	43		35	8	\$444.40	38	3 \$2,110.90
BENTONE 990 (50)	50# sk	\$88.61	55		45	10	\$886.10	49	+ ' '
OPTI - MUL	gal	\$11.40	880		825	55	\$627.00	1045	· ·
OPTI - WET	gal	\$8.84	440		385	55	\$486.20	660	<u> </u>
NEW PHALT OIL SORB (25)	50# sk	\$38.72 \$4.75	72 30		72 15	4.5	¢74.05	32	
OIL SORB (25) OPTIPLUS	25# sk gal	\$4.75 \$48.40	1100		15 1100	15	\$71.25	32	2 \$152.00
O. 111 E00	yaı	ψ40.40	1100		1100				1
									1
NEW CARB (M)	50# sk	\$5.63	132		126	6	\$33.78	11	\$61.93
CYBERSEAL	25# sk	\$24.40							1
MAGMAFIBER F (25)	25# sk	\$28.05	192		174	18	\$504.90	36	\$1,009.80
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL FIBER PLUG	50# sk 30# sk	\$26.50 \$30.37							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE - FINE (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	400	1600	100	\$817.00	650	\$5,310.50
								<u> </u>	1
								<u> </u>	1
OPTI DRILL (OBM)	bbl	\$75.00	2842	115	2900	57	\$4,275.00	57	7 \$4,275.00
MAGNOLIA OWNDED OBM	bbl	\$75.00	110	195		305	φ4,275.00	455	+
DISCOUNTED OBM	bbl	\$15.00	110	133		303		400	7
2.000022 02		ψ.σ.σσ							
									<u>L</u>
								<u> </u>	1
								<u> </u>	1
								<u> </u>	1
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00	1.	1 \$13,860.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	14	
ENGINEERING (MILES)	each	\$1.00					Ψ55.55		₩ 120.0C
- (=-/	23011	Ţ.,00							
Scale Ticket	each	\$15.00				1	\$15.00	3	
	each	\$2.48				400	\$992.00	1200	
TRUCKING (cwt)							. –	1	
TRUCKING (min)	each	\$812.50							*
TRUCKING (min) PALLETS (ea)	each	\$12.50						16	\$200.00
TRUCKING (min)									\$200.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.		
11/02/21	MAG	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	ort #9	
	DAILY	USAGE 8	k COST						CUMULATIV		
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36	
Diesel Received 10-11-21	gal	\$2.66							3200	\$8,512.00	
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.00	
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.00	
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.60	
Diesel Received 10-15-21	gal	\$2.70									
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76	3742			3742	\$10,327.92		11500	\$31,740.00	
Diesel Received 10-31-21	gal	\$2.72	7200		7200						
Diesel Received 11-1-21	gal	\$2.72		7000	7000						
PROCOR PRO V PLUS	25# sk		244		200	44			44		
PROCOR PRO X	25# sk		304		304						
PROCOR SWEEP AID	25# sk		288		288						
PROCOR SUPERCEAL	25# sk		264		240	24			24		
	<u> </u>	<u> </u>	<u> </u>		Delle C	ıb Total At	0 227 02		604.0	70.06	
					Daily St	ıb-Total \$1	U,327.92		\$81,0	79.96	
	Cumu	ılative Total	AES & 3rd	Party \$149	,788.38						
						l					

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

BIGHORN PEAK H04 BH

					WEEK 1				WEEK 2								WEEK 3						
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21	
	24.0	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4									
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547								
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	,								
	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	_	_	_	_		_	_	_	
	New Hole Vol.		-	-	-	-	-	73	497	137	-		50	160	-	-	-	-	-			-	
001		_	- 0.440	- 070																			
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	
	Chemical Additions							10	11	11		10	19	14									
	Base Fluid Added							74	230	98	66	100	93	92									
	Barite Increase	0.440						0.000	14	24		0.000		7									
	Weighted Mud Added	2,419						2,362				2,398		310									
- 46	Slurry Added Water Added								5				15	26			-						
40	Added for Washout								5				15	20									
0.400		0.440						0.440	000	400		0.500	407	440									
8,408		2,419	-	-	-	-	-	2,446	260	133	66	2,508	127	449	-	-	-	-	-	•	-	-	
-	Surface Losses																						
370									222	101			122	248									
	·							2	328	181	0.5		59	192									
									00		65		15	11									
169	Centrifuge Losses							59	26		39		20	25									
1,392	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	-	-	-	-	-	-	-	-	
4,180	Mud Transferred Out		2,140								2,040												
2,836	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	2,836	
_	Mud Recovered																						
				С	omment	s:					С	omment	s:					С	omment	s:			
		10/21/21	Transferre	d 2,419bls	from the H	O2 to the H	IO4.			Lost 328bl processing			and 26bls to	centrifuge		11/4/21							
3,309		10/22/21	Transferre		from the H	O4 to the H	IO6. Left 27	79bls in		Lost 181bl clean.	s to mud or	n cuttings v	vhile drilling	and circula	ating hole	11/5/21							
	J	10/23/21							10/30/21				dumped dur and cutting I			d 11/6/21							
		10/24/21							10/31/21							11/7/21							
		10/25/21							11/1/21							11/8/21							
		10/26/21							11/2/21 310 BBLS received from mudplant							11/9/21							
		10/27/21	Lost 2bls t	o mud on c to 8.8ppg fo	cuttings and or drill out.	59bls to co	entrifuge w	hile cutting	11/3/21						11/10/21								

OUTSOURCE FLUID SOLUTIONS LLC.

Report #10 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

20.9° 14,317' TVD

Operator MAGNOLIA OIL & GAS				Contractor	TERS	ON.	County / Parish /	Block IINGTO	N	Engineer Start	Date)7/21	24 hr f	tg. 2,337 ft		Orilled De		4 ft	
Well Name and No			-	Rig Name an	_		State	EXAS	•••	Spud Date	07/21	Currer	Current ROP 0 ft/hr			Activity		
Report for	JKN FL	AK HU	+ БП	Report for	240		Field / OCS-G #	LAAG		Fluid Type	71721	Circula	ating Rate	(Circulating			
Kevin	Burt/Cl	nris Ma	yeux	То	ol Pus	her	GID	DINGS		w	вм		0 gpm		psi			
	MUD	PROPER	RTY SPECIF	ICATION	S		MUD VO	LUME (B	BL)	PUN	/IP #1		PUMP #2		RISER BOOSTER			
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	50	9 bbl	Liner Size	5.2	5 Line	r Size 5.	.25	Liner S	ze		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	67	6 bbl	Stroke	12	Str	oke 1	12	Stroke	•		
				11/3/21			Active	109	90 bbl	bbl/stk	0.07	63 bb	l/stk 0.0	763	bbl/st	<	0.0000	
Time Sample	Taken			12:00			Storage	18	58 bbl	stk/min		stk	/min		stk/mi	n		
Sample Locati	ion			PIT			Tot. on Loc	cation 304	43 bbl	gal/min	0	gal	l/min	0	gal/mi	n	0	
Flowline Temp	perature °l	=						PHHP = ()	С	IRCUL	ATION DA	ATA		n = 0.7	37 K	(= 15.441	
Depth (ft)				16,884'			Bit D	epth = 14	,745 '		Washo	ut = 0%		Pump	Efficien	cy =	95%	
Mud Weight (բ	opg)			8.4			Drill String	Volum	e to Bit	208.4 bbl	Stro	kes To Bit	i	1	ime To	Bit		
Funnel Vis (se	ec/qt)		@ 88 °F	27			Disp.	Bottoms I	Jp Vol.	372.8 bbl	Bottor	nsUp Stks		Botton	nsUp Ti	me		
600 rpm				5			82.6 bbl	Riser Ar	n. Vol.	-2.1 bbl	Ris	er Strokes		Riser	Circ. Ti	me		
300 rpm				3				DRILLIN	IG ASS	SEMBLY D	ATA		S	OLIDS	CONT	ROL		
200 rpm				2			Tubulars	OD (in.)	ID	(in.) Le	ength	Тор	Unit		Scree	าร	Hours	
100 rpm				1			Drill Pipe	4.500	3.	826 14	,584'	0'	Shaker	r 1	140			
6 rpm				1			Hevi Wt	5.250	2.	000	34'	14,584'	Shaker	r 2	140			
3 rpm				1			Collars	5.125	2.	680	127'	14,618'	Shaker	r 3	140			
Plastic Viscos	ity (cp)		@ 120 °F	2			Collars					14,745'	Desand	der				
Yield Point (lb.	/100 ft²)		T0 = 1	1				CASI	NG & I	HOLE DAT	A		Desilte	er				
Gel Strength (lb/100 ft²)	10	sec/10 min	1/1			Casing	OD (in.)	ID	(in.) D	epth	Тор	Centrifuç	ge 1				
Gel Strength (lb/100 ft ²)		30 min	1			Riser	20		,	108'		VOLUN	ME AC	COUNT	ING	(bbls)	
API Filtrate / 0	Cake Thick	kness					Surface	10 3/4	9.	950 3	,014'	108'	Prev. 7	otal or	Locat	on	2835.5	
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	.875 9	,779'	108'	Transfe	erred In	ı(+)/Ou	t(-)	207.0	
Retort Solids (Content			0.4%			Washout 1							Oil	Added	(+)	178.0	
Retort Oil Con	itent						Washout 2							Barite .	Added	(+)	27.8	
Retort Water	Content			99.6%			Oper	Hole Size	e 6.	750 16	5,884'		Other Pr	roduct	Usage	(+)	17.2	
Sand Content				0.3%			ANI	NULAR G	ЕОМЕ	TRY & RHI	EOLOG	Y	,	Water	Added	(+)	675.5	
M.B.T. (Methy	lene Blue	Capacity)) (ppb)	5.0			annular	· m	ieas.	velocity	flow	ECD	Le	ft on C	uttings	(-)	-124.1	
рН				7.0			section	d	epth	ft/min	reg	lb/gal		Lost F	Returns	(-)	-739.0	
Alkalinity, Muc	l Pm			0.1			0x4.5		108'	0.0		8.40	Non-Red	coverat	ole Vol.	(-)	-35.0	
Alkalinities, Fi	Itrate Pf/M	lf		0.1/0.2			6.875x4.	5 9,	,779'	0.0	lam	8.40	Est. T	Total or	Locat	on	3042.9	
Chlorides (mg	/L)			700			6.75x4.	5 14	,584'	0.0	lam	8.40	Est. Los	ses/Ga	ains (-)/	(+)	-0.1	
Calcium (ppm)			280			6.75x5.2	5 14	,618'	0.0	lam	8.40	BIT	HYDR	AULIC	S DA	TA	
Excess Lime (lb/bbl)						6.75x5.12	25 14	,745'	0.0	lam	8.40	Bit H.S.I.	Bit /	ΔP N	ozzle	s (32nds)	
Average Spec	ific Gravit	y of Solids	s	2.60	2.60	2.60							0.00	p:	si 1	8	18 18	
Percent Low 0	Gravity So	lids		0.4%									Bit Impact	Noz:		8	18 18	
Percent Drill S	Solids			0.4%									Force	Velo				
PPA Spurt / T	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Type	Hal	liburton	0 lbs	0				
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Н	ours Fo	otage	ROP ft/hr	Motor/M	WD	Calc. C	Circ. I	Pressure	
Sample Taker	п Ву			C Beasley			6 3/4	9,790 ft	4	3.0 7,0	096 ft	165.0	5,102	psi				
						1		l		I								

Remarks/Recommendations:

Slug Pit: Fresh water / Tank 7: 9.1 OBM / Tank 5&6: Kill Mud

Plan Forward: POOH & P/U new motor.

Transfer 1929 bls OBM F HO2

SWEEP: Pumping H20 contaminated OBM.

Rig Activity:

Rot/Sld Drlg 14,547', experienced mud volume gains at 15,470' MD ~10 bbls/hr. Frequent retort reports trending water influx F/27% water content @ 06:00 T/31% water content @ 13:00, corresponding ES F/452 volts T/219 volts at flow line. Adding diesel @ 21 bbls/hr, emulsifier at 1/2 drum per hour. Adding Calcium chloride to increase water phase salinity. Monitoring closely at flow line for water flow increases/retort content. Drilled to 16884'. work pipe free @ 16884'. Attempt to stage up MP's to full GPM rate but was unable to. Circulate B/U while preparing mud cap. Pumped 120 BBLS of 17# kill mud down back side with casing psi 0. Strip out of hole with calculated fill on backside with kill mud.

1 1	1	1	1	0	1	0	0			used if the user so ation, and this is a r	ecommendation	only.	on is made as to the	\$96,367.10	\$246,155.48
W P	Υ	a	G	q	Α	S	С			ecommendation, ex				\$76,783.10	\$145,491.52
Phone:	9	36-46	55-09	52	Ph	none:	903-7	47-5377	Phone:	432-686-7361	Phone:	-			
Eng. 1:		Patric	k Bla	ir	En	ng. 2:	Chris	Beasley	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost

11/03/21	Operator MAGI	NOLIA OIL		Well Name a BIGHO	nd No. RN PEAK I	104 BH	Rig Name and 24		ort #10
	DAILY	USAGE 8	COST					CUMU	LATIVE
			Previous		Closing	Daily		Cum	Τ
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50)	50# sk	\$46.84	42		42			30	\$1,405.20
PHPA LIQUID (pail)	5 gal	\$41.36	94		94				
EVO-LUBE NEW GEL (PREMIUM)	gal 100# sk	\$14.00 \$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
	20% 01.	ţoo							
CACL2 (50)	50# sk	\$14.32	168	448	560	56	\$801.92	316	\$4,525.12
LIME (50)	50# sk	\$5.88	300		250	50	\$294.00	427	
OPTI - G	50# sk	\$32.44	65	160	160	65	\$2,108.60	260	\$8,434.40
BENTONE 38 (50)	50# sk	\$152.93	48	40	88			(\$917.58
BENTONE 910 (50)	50# sk	\$55.55	35	40	75			38	\$2,110.90
BENTONE 990 (50)	50# sk	\$88.61	45	40	69	16		65	+ ' '
OPTI - MUL	gal	\$11.40	825		660	165	\$1,881.00	1210	-
OPTI - WET	gal	\$8.84	385	660	935	110	\$972.40	770	+ ' '
NEW PHALT OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	72 15		72 15			32	+
OPTIPLUS	gal	\$48.40	1100		935	165	\$7,986.00	165	
01111 200	gai	ψ40.40	1100		933	103	\$1,900.00	100	φτ,900.00
NEW CARB (M)	50# sk	\$5.63	126		126			1.	\$61.93
CYBERSEAL	25# sk	\$24.40	120		120				Ψ01.83
MAGMAFIBER F (25)	25# sk	\$28.05	174		120	54	\$1,514.70	90	\$2,524.50
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 - FINE (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		1200	400	\$3,268.00	1050	\$8,578.50
									1
		\$75.00	2900	207	2400	707	\$53,025.00	76/	\$57,300.00
OPTLDRILL (OBM)	l hhl	φ, σ.σσ	2000	201	2100	101	ψου,υ20.00	455	-
OPTI DRILL (OBM) MAGNOLIA OWNDED OBM	bbl								
OPTI DRILL (OBM) MAGNOLIA OWNDED OBM DISCOUNTED OBM	bbl bbl	\$15.00							1
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM	bbl	\$15.00							
MAGNOLIA OWNDED OBM DISCOUNTED OBM	bbl					2	\$1,980,00	10	
MAGNOLIA OWNDED OBM DISCOUNTED OBM ENGINEERING (24 HR)	bbl	\$990.00				2 2 2	\$1,980.00	16	\$15,840.00
MAGNOLIA OWNDED OBM DISCOUNTED OBM	bbl bbl						\$1,980.00		\$ \$15,840.00
MAGNOLIA OWNDED OBM DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$990.00							\$15,840.00
MAGNOLIA OWNDED OBM DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$990.00							\$15,840.00
MAGNOLIA OWNDED OBM DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$990.00							\$ \$15,840.00 \$ \$480.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each bbl each	\$990.00 \$30.00 \$1.00					\$60.00	16	\$ \$15,840.00 \$ \$480.00 3 \$4,037.22
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (Cwt) TRUCKING (min)	each bbl each	\$990.00 \$30.00 \$1.00				2	\$60.00	1628	\$ \$15,840.00 6 \$480.00 8 \$45.00 8 \$4,037.22 \$812.50
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each bbl each each each each each	\$990.00 \$30.00 \$1.00 \$15.00 \$2.48 \$812.50				428	\$60.00 \$1,061.22 \$225.00	1628	\$ \$15,840.00 6 \$480.00 8 \$4,037.22 \$812.50 4 \$425.00
MAGNOLIA OWNDED OBM DISCOUNTED OBM DISCOUNTED OBM ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each bbl each each each each	\$990.00 \$30.00 \$1.00 \$15.00 \$2.48 \$812.50				428	\$60.00 \$1,061.22	1628	\$ \$15,840.00 6 \$480.00 8 \$4,037.22 \$812.50 4 \$425.00

Date	Operator			Well Name a	ind No.		Rig Name an	d No.	Report No.	
11/03/21	MAG	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	rt #10
	DAILY	USAGE 8	k COST						сими	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66							3200	\$8,512.00
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.00
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.60
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76								\$31,740.00
Diesel Received 10-31-21	gal	\$2.72	7200			7200	\$19,584.00		7200	\$19,584.00
Diesel Received 11-1-21	gal	\$2.72	7000		7000					
PROCOR PRO V PLUS	25# sk		200		180	20			64	
PROCOR PRO X	25# sk		304		304					
PROCOR SWEEP AID	25# sk		288		288					
PROCOR SUPERCEAL	25# sk		240		200	40			64	
					Daily Su	ıb-Total \$1	9,584.00		\$100,6	663.96
	<u></u>							1		
	Cumi	ılative Total	AES & 3rd	Party \$246	5,155.48					
			/	, 						

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

BIGHORN PEAK H04 BH

					WEEK 1							WEEK 2				WEEK 3							
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21	
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4								
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884							
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884								
13.859	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	2,337	-	-	-	-	-	-	-	
	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	50	160	103	-	-	-	-	-	-	-	
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	2,367	2,367	2,367	2,367	2,367	2,367	2,367	
92	Chemical Additions		_,					10	11	11	_,-,	10	19	14	17	_,	_,	2,001	_,	_,00:	_,	_,	
	Base Fluid Added							74	230	98	66	100	93	92	178								
	Barite Increase								14	24		.00		7	28								
	Weighted Mud Added	2,419						2,362				2,398		310	207								
-	Slurry Added	2,						2,002				2,000		0.0									
46	-								5				15	26									
-	Added for Washout																						
8.838	Total Additions	2,419	-	-	-	-	-	2,446	260	133	66	2,508	127	449	430	-	-	-	-	-	-	-	
	Surface Losses	_,						_,				_,											
1.109	Formation Loss												122	248	739								
	Mud Loss to Cuttings							2	328	181			59	192	125								
	Unrecoverable Volume										65		15	11	15								
	Centrifuge Losses							59	26		39		20	25	20								
							· · · · · · · · · · · · · · · · · · ·										· · · · · · · · · · · · · · · · · · ·			!			
2,291	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	-	-	-	-	-	-	-	
4,180	Mud Transferred Out		2,140						2,040														
2,367	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570 2,522 444 2,952 2,863 2,836 2,367							2,367	2,367	2,367	2,367	2,367	2,367	2,367	
-	Mud Recovered																						
-	Mud Recovered			C	omment	· ·					C	omment	ç.					C	omment	ç.			
-	Mud Recovered			С	omments	s:					С	omment	s:					С	omment	s:			
-	Mud Recovered	10/21/21	Transferred				104.			Lost 328bl	s to mud or	n cuttings a		centrifuge		11/4/21		С	omment	s:			
	Mud Recovered	10/21/21	Transferred				HO4.			Lost 328bl:	s to mud or	n cuttings a		centrifuge		11/4/21		С	omment	s:			
	Mud Recovered	10/21/21	Transferred				HO4.				s to mud or	n cuttings a		centrifuge		11/4/21		С	omment	s:			
3 516]	10/22/24	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/28/21	processing Lost 181ble	s to mud or active sys	n cuttings a tem.	nd 26bls to					C	omment	s:			
3,516]	10/22/24		d 2,419bls	from the Ho	O2 to the H		79bls in	10/28/21	processing	s to mud or active sys	n cuttings a tem.	nd 26bls to			11/4/21		C	omment	s:			
3,516]	10/22/24	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean.	s to mud or active sys	n cuttings a tem. n cuttings w	nd 26bls to	g and circul	ating hole			C	omment	s:			
3,516]	10/22/24	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	processing Lost 181ble	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole			C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181bls clean.	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21 10/30/21 10/31/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21 10/30/21 10/31/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w	nd 26bls to hile drilling	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21		C	omment	s:			
3,516]	10/22/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21 10/30/21 10/31/21 11/1/21	Lost 181ble clean. Lost 65bls 39bls to ce	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w nterfaced daintaining a	nd 26bls to	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21		C	omment	s:			
3,516]	10/22/21 10/23/21 10/24/21 10/25/21	Transferred	d 2,419bls	from the Ho	O2 to the H		79bls in	10/29/21 10/30/21 10/31/21 11/1/21	Lost 181bl: clean. Lost 65bls 39bls to ce well.	s to mud or active sys s to mud or to spacer i	n cuttings a tem. n cuttings w nterfaced daintaining a	nd 26bls to	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21 11/8/21		C	omment	s:			
3,516]	10/22/21 10/23/21 10/24/21 10/25/21	Transferred	d 2,419bls d 2,140bls ement job.	from the Ho	O2 to the H	106. Left 27		10/29/21 10/30/21 10/31/21 11/1/21	Lost 181bl: clean. Lost 65bls 39bls to ce well.	s to mud or active sys s to mud or to spacer i ntrifuge ma	n cuttings a tem. n cuttings w nterfaced d aintaining a	nd 26bls to	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21 11/8/21		C	omment	s:			
3,516]	10/22/21 10/23/21 10/24/21 10/25/21 10/26/21	Transferred hole after c	d 2,419bls d 2,140bls sement job.	from the Ho	O2 to the H	106. Left 27		10/29/21 10/30/21 10/31/21 11/1/21	Lost 181bl: clean. Lost 65bls 39bls to ce well.	s to mud or active sys s to mud or to spacer i ntrifuge ma	n cuttings a tem. n cuttings w nterfaced d aintaining a	nd 26bls to	and circularing cement	ating hole	11/5/21 11/6/21 11/7/21 11/8/21		C	omment	s:			

Report #11 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

20.9°

9,590' TVD

	NOLIA (OIL & G			TERS	NC		Block HINGTO	N		rt Date /07/21	24 hr	0 ft		Prilled Depth 16,8	884 f	ft
	ORN PE	AK H04	4 BH	Rig Name an	d No. 248			EXAS			07/21		0 ft/hr		Rig S		
Report for Kevin I	Surt / C	hrie Ma	WALLY	Report for	ol Pus	hor	Field / OCS-G #	DINGS		Fluid Type	/BM	Circul	ating Rate 0 gpm	C	Circulating Pr	essure OSİ	
1.071111			RTY SPECIF					LUME (B	RI \		MP #1		PUMP #2		RISER E		TER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits		12 bbl	Liner Size		5 Line			Liner Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole		3 bbl	Stroke	12			12	Stroke		
				11/4/21			Active		27 bbl	bbl/stk	0.06			0625	bbl/stk	0.0	0000
Time Sample	Taken			0:30			Storage	e <u>12</u>	48 bbl	stk/min	0	stk	r/min	0	stk/min		
Sample Locat	ion			PIT			Tot. on Lo	cation 21	93 bbl	gal/min	0	ga	l/min	0	gal/min		0
Flowline Temp	perature °F	=						PHHP = (0		CIRCUL	ATION DA	ATA	<u> </u>	n = 0.737	K = '	15.441
Depth (ft)				16,884'			Bit I	Depth = 9,	,684 '		Washo	ut = 0%		Pump E	Efficiency	= 95	%
Mud Weight (opg)			8.4			Drill String	Volum	e to Bit	136.4 bb	ol Stro	kes To Bi	t	Т	ime To Bi	i	
Funnel Vis (se	ec/qt)		@ 88 °F	27			Disp.	Bottoms	Up Vol.	248.2 bb	ol Botto	nsUp Stks	3	Bottom	nsUp Time		
600 rpm				5			55.0 bbl	Riser Ar	nn. Vol.	-2.1 bbl	Ris	er Strokes	3	Riser	Circ. Time		
300 rpm				3				DRILLIN	IG ASS	SEMBLY D	DATA		S	OLIDS	CONTR)L	
200 rpm				2			Tubulars	OD (in.)	ID	(in.) L	ength.	Тор	Unit		Screens	Н	ours
100 rpm				1			Drill Pipe	4.500	3.	826 9	9,523'	0'	Shake	r 1	140		
6 rpm				1			Hevi Wt	5.250	2.	000	34'	9,523'	Shake	r 2	140		
3 rpm				1			Collars	5.125	2.	680	127'	9,557'	Shake	r 3	140		
Plastic Viscos	ity (cp)		@ 120 °F	2			Collars					9,684'	Desand	der			
Yield Point (lb	/100 ft²)		T0 = 1	1				CASI	NG & F	HOLE DAT	ГА		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	COUNTIN	G (bl	ols)
API Filtrate / 0	Cake Thick	rness					Surface	10 3/4	9.	950 3	3,014'	108'	Prev. 1	Total on	Location	3	3042.9
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875 9	9,779'	108'	Transfe	erred In	(+)/Out(-)		
Retort Solids	Content			0.4%			Washout 1							Oil A	Added (+)		0.0
Retort Oil Cor	ntent						Washout 2							Barite /	Added (+)		20.9
Retort Water	Content			99.6%			Oper	n Hole Size	e 6.	750 1	6,884'		Other P	roduct l	Jsage (+)		0.0
Sand Content				0.3%			ANI	NULAR G	EOME	TRY & RH	IEOLOG	Υ	,	Water A	Added (+)		
M.B.T. (Methy	lene Blue	Capacity) (ppb)	5.0			annulai	r m	neas.	velocity	flow	ECD	Le	eft on C	uttings (-)		0.0
рН				7.0			section	n d	epth	ft/min	reg	lb/gal		Lost R	teturns (-)		-195.3
Alkalinity, Mud	d Pm			0.1			0x4.5	•	108'	0.0		8.40	Non-Red	coverab	ole Vol. (-)		-675.0
Alkalinities, Fi	Itrate Pf/M	lf		0.1/0.2			6.875x4	.5 9	,523'	0.0	lam	8.40	Est. 7	Γotal on	Location	2	2193.5
Chlorides (mg	/L)			700			6.875x5.	25 9	,557'	0.0	lam	8.40	Est. Los	sses/Ga	ins (-)/(+)	1	0.0
Calcium (ppm)			280			6.875x5.1	125 9	,684'	0.0	lam	8.40	BIT	HYDR	AULICS I	DATA	1
Excess Lime ((lb/bbl)												Bit H.S.I.	Bit A	\P Noz	zles (3	32nds)
Average Spec	ific Gravit	y of Solids	S	2.60	2.60	2.60							0.00	ps	si 18	18	18
Percent Low (Gravity So	lids		0.4%									Bit Impact	Nozz Veloc		18	18
Percent Drill S	Solids			0.4%									Force	(ft/se	-		
PPA Spurt / T	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ма	anuf./Type	Hallibu	irton / PDC	0 lbs	0			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	H H	ours Fo	ootage	ROP ft/hr	Motor/M	WD	Calc. Cire	. Pre	ssure
Sample Taker	п Ву						6 3/4	16,884 f	t								
Remarks/Reco	mmendati	one:					Rig Activity:										

Slug Pit: Fresh water / Tank 7: 9.1 OBM / Tank 5&6: Kill Mud

Plan Forward: Finish TIH and drill to TD of production hole with brine/fresh water under mud cap.

Transferred 1929bls OBM F/HO2.

SWEEP: Pumping 10bls of H20 contaminated OBM every 300'.

Rig Activity:

Finished stripping out of hole pumping 17# kill mud down back side with casing psi 0. Change out BHA (motor locked up). TIH to 12,996'. Pull back up inside shoe to 9,684' while working on rig traveling assembly. Servicing rig at report time. Will be drilling ahead with produced brine & freshwater under mud cap once rig repair is complete.

Eng.	1:	Patric	k Blai	ir	Er	ng. 2:	Nie	ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
Phon	ie: 9	936-46	55-09	52	Ph	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W F	> Y 1 1	g 1	G 1	р 0	A 1	S 0	C 0	carefully	y and may be	used if the user		r, no representati	nas been prepared on is made as to the	\$21,023.00	\$166,514.52
											INCLUD	ING 3RD PAR	TY CHARGES	\$21,023.00	\$267,178.48

Item SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	DAILY Unit 50# sk 5 gal gal 100# sk 25# sk	Unit Cost \$46.84 \$41.36 \$14.00 \$11.54 \$81.16	Previous Inventory 42 94	Received	Closing Inventory 42 94	Daily Usage	Daily Cost	CUMU Cum Usage	Cum Cost) \$1,405.20
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	Unit 50# sk 5 gal gal 100# sk	\$46.84 \$41.36 \$14.00 \$11.54	Previous Inventory	Received	Inventory 42	-	Daily Cost	Cum Usage	Cum Cost
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	50# sk 5 gal gal 100# sk	\$46.84 \$41.36 \$14.00 \$11.54	Inventory 42	Received	Inventory 42	-	Daily Cost	Usage	
PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	5 gal gal 100# sk	\$41.36 \$14.00 \$11.54			-			30	\$1,405.20
EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	gal 100# sk	\$14.00 \$11.54	94		94	ĺ	1		
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	100# sk	\$11.54							
ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)									1
CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)	2011 311	φσ1.10				-			
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)									
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)									
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50)									
OPTI - G BENTONE 38 (50) BENTONE 910 (50)	50# sk	\$14.32	560		560			316	+
BENTONE 38 (50) BENTONE 910 (50)	50# sk 50# sk	\$5.88 \$32.44	250 160		250 160	-		427 260	+
BENTONE 910 (50)	50# sk	\$152.93	88		88			200	+
	50# sk	\$55.55	75		75			38	<u> </u>
BENTONE 990 (50)	50# sk	\$88.61	69		69			65	
OPTI - MUL	gal	\$11.40	660		660			1210	\$13,794.00
OPTI - WET	gal	\$8.84	935		935			770	\$6,806.80
NEW PHALT	50# sk	\$38.72	72		72		ļ	18	
OIL SORB (25)	25# sk	\$4.75	15		15			32	
OPTIPLUS	gal	\$48.40	935		935			165	\$7,986.00
NEW CARB (M)	50# sk	\$5.63	126		126			11	\$61.93
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	120		120		ļ	90	\$2,524.50
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL FIBER PLUG	50# sk	\$26.50							
NUT PLUG M (50)	30# sk 50# sk	\$30.37 \$10.51	40		40				
MICA F (50)	50# sk	\$10.31	40		40				
GRAPHITE - FINE (50)	50# sk	\$25.59	64		64				
STOTE THE (50)	30# 3K	Ψ20.00	04		04				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1200	400	1300	300	\$2,451.00	1350	\$11,029.50
							<u> </u>		
	<u></u> L	<u> </u>							
OPTI DRILL (OBM)	bbl	\$75.00	2400		2193	207	\$15,525.00	074	\$72,825.00
MAGNOLIA OWNDED OBM	bbl	Ψ10.00	2-700		2133	207	J. 3,020.00	455	
DISCOUNTED OBM	bbl	\$15.00							1
					 				
ENGINEERING (24 HR)	each	\$990.00			 	2	\$1,980.00	18	3 \$17,820.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	18	\$540.00
ENGINEERING (MILES)	each	\$1.00							
	each	\$15.00				1	\$15.00	4	
Scale Ticket	1	\$2.48				400	\$992.00	2028	\$5,029.22
TRUCKING (cwt)	each		i						
TRUCKING (cwt) TRUCKING (min)	each	\$812.50						1	
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$812.50 \$12.50						34	\$425.00
TRUCKING (cwt) TRUCKING (min)	each	\$812.50							\$425.00

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
11/04/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	24	48	Repo	rt #11
	DAILY	USAGE 8	COST						CUMUI	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	_	Cum Usage	Cum Cos
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.3
Diesel Received 10-11-21	gal	\$2.66								\$8,512.0
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.0
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.0
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.6
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76							11500	\$31,740.0
Diesel Received 10-31-21	gal	\$2.72							7200	\$19,584.0
Diesel Received 11-1-21	gal	\$2.72	7000		7000					
Diesel Received 11-3-21	gal	\$2.70		7000	7000					
								 - -		
PROCOR PRO V PLUS	25# sk		180		180				64	
PROCOR PRO X	25# sk		304		304					
PROCOR SWEEP AID	25# sk		288		288					
PROCOR SUPERCEAL	25# sk		200		200				64	
								-		
									\$100,6	663.96
	<u></u>							. •		
	Cumi	ulative Total	AES & 3rd	Party \$267	.178.48					
				, +=3.						

OUTSOURCE FLUID SOLUTIONS LLC.

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

ne: 248

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4						
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884					
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884						
13,859	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	2,337	-	-	-	-		-	-
955	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	50	160	103	-	-	-	-	-	-	-
	Starting System Volume	Î	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,193	2,193	2,193	2,193	2,193
92	Chemical Additions		, -					10	11	11	,-	10	19	14	17	- ,-	,	,	,	,	,	,
	Base Fluid Added							74	230	98	66	100	93	92	178							
	Barite Increase								14	24				7	28	21						
	Weighted Mud Added	2,419						2,362				2,398		310	207							
	Slurry Added							_,-,														
	Water Added								5				15	26	675							
	Added for Washout																					
	Total Additions	2.419	_	_	_	_	_	2,446	260	133	66	2,508	127	449	1,105	21	_	_	_	_		_
•	Surface Losses	2,413	_		_	_		2,770	200	100	- 00	2,300	121	773	1,103		_	_	_	_		_
		<u> </u>											100	240	720	105	-					
	Formation Loss	1						0	200	404			122	248	739	195						
	Mud Loss to Cuttings	<u> </u>						2	328	181	05		59	192	125	075						
	Unrecoverable Volume										65		15	11	15	675						
189	Centrifuge Losses							59	26		39		20	25	20							
3,161	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	870	-	-	-	-	-	-
4,180	Mud Transferred Out		2,140								2,040											
2,193	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,193	2,193	2,193	2,193	2,193	2,193
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
	1	10/21/21	Transferre	d 2,419bls	from the H	O2 to the H	104.		10/28/21	Lost 328bl processing			and 26bls to	centrifuge		11/4/21	195bls los hole.	t downhole	while bullh	eading fluid	d and stripp	oing out of
3,516		10/22/21	Transferre hole after		from the H	O4 to the H	IO6. Left 27	79bls in	10/29/21	Lost 181bl clean.	s to mud or	n cuttings v	vhile drilling	g and circul	ating hole	11/5/21						
		10/23/21											dumped dui and cutting			11/6/21						
		10/24/21							10/31/21							11/7/21						
		10/25/21							11/1/21							11/8/21						
		10/26/21							11/2/21	310 BBLS	received fr	om mudpla	ant			11/9/21						
		10/27/21	Lost 2bls t	o mud on c	cuttings and or drill out.	59bls to ce	entrifuge w	hile cutting	ile cutting 11/3/21 207 BBLS received from mudplant							11/10/21						

Report #12 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

.LC.

87.9°

10,568' TVD

Operator MAGI Well Name and No.	NOLIA (OIL &	GAS	Contractor PA1 Rig Name an	TERS(ON	County / Parish / WASH	Block IINGTOI	N	Engineer S 10 Spud Date	0/07		24 hr ftg.	946 ft		Drilled D	-	30 ft	
BIGHO	ORN PE	AK H	04 BH		248		TE	EXAS		l -	0/07	/21	1	75 ft/hr	r		Drill	ing	
Report for				Report for			Field / OCS-G #			Fluid Type	ı		Circulatin	ng Rate		Circulati	-		
Kevin E	Burt / C	hris M	layeux	То	ol Pus	her	GID	DINGS			WB	M	3	91 gpm	1	4	,600	psi	i
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	P	PUMP	#1	F	PUMP #2		RISE	RBC	OOST	ER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	224	4 bbl	Liner S	Size	4.75	Liner S	Size 4.	75	Liner	Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	70′	1 bbl	Strok	е	12	Strok	ke 1	2	Strol	ke		
				11/5/21		11/4/21	Active	925	5 bbl	bbl/st	tk	0.0625	bbl/s	stk 0.0	625	bbl/s	stk	0.00)00
Time Sample	Taken			0:30		12:30	Storage	<u>164</u>	0 bbl	stk/m	in	73	stk/m	nin 7	76	stk/n	nin		
Sample Locati	on			pit		pit	Tot. on Loc	cation 256	5 bbl	gal/m	in	192	gal/m	nin 19	99	gal/n	nin	0	J
Flowline Temp	erature °F	F					F	PHHP = 104	19		CIR	CULATIO	N DAT	Ά		n = 0.	585	K = 26	3.563
Depth (ft)				17,827'		16,996'	Bit D	epth = 17,	830 '		V	/ashout =	0%		Pump	Efficie	ncy =	95%	11
Mud Weight (p	ppg)			8.4		8.5	Drill String	Volume	to Bit	252.3	bbl	Strokes	To Bit	4,039	-	Time T	o Bit	27 n	nin
Funnel Vis (se	ec/qt)		@ 86 °F	27		28	Disp.	Bottoms U	lp Vol.	448.7	bbl	BottomsUp	Stks	7,183	Bottor	msUp ⁻	Гime	48 n	nin
600 rpm				3		5	99.5 bbl	Riser Anı	n. Vol.	-2.1 b	bl	Riser St	rokes	-34	Riser	r Circ.	Гime	0 m	nin
300 rpm				2		3		DRILLING	G ASS	SEMBLY	/ DAT	A		S	OLIDS	S CON	ITRO	L	
200 rpm				1		2	Tubulars	OD (in.)	ID	(in.)	Lenç	gth To	ор	Unit		Scre	ens	Hou	ırs
100 rpm				1		1	Drill Pipe	4.500	3.	826	17,6	69' ()'	Shaker	1	14	0		
6 rpm				1		1	Hevi Wt	5.250	2.	000	34	17,0	669'	Shaker	2	14	0		
3 rpm				1		1	Collars	5.125	2.	680	127	7' 17,	703'	Shaker	. 3	14	0		
Plastic Viscos	ity (cp)		@ 120 °F	1		2	Collars					17,8	830'	Desand	der				
Yield Point (lb.	/100 ft²)		T0 = 1	1		1		CASIN	IG & I	HOLE D	ATA			Desilte	er				
Gel Strength (lb/100 ft²)	1	0 sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Dep	th To	ор	Centrifug	ge 1				
Gel Strength (lb/100 ft ²)		30 min	1		1	Riser	20			108	3'		VOLUN	IE AC	COUN	ITING	(bbls	s)
API Filtrate / C	Cake Thick	kness					Surface	10 3/4	9.	950	3,01	4' 10	08'	Prev. T	otal o	n Loca	ation	219	93.5
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875	9,77	7 9' 10	08'	Transfe	erred Ir	n(+)/O	ut(-)	4	12.0
Retort Solids (Content			0.6%		1.1%	Washout 1								Oil	Added	d (+)		52.4
Retort Oil Con	tent			2%		3%	Washout 2							ı	Barite	Added	d (+)		0.0
Retort Water (Content			97.4%		95.9%	Open	Hole Size	6.	750	17,8	30'		Other Pr	roduct	Usage	e (+)		2.6
Sand Content				0.1%		0.2%	ANI	NULAR GE	ОМЕ	TRY & F	RHEO	LOGY		١	Water	Added	d (+)		
M.B.T. (Methy	lene Blue	Capacit	y) (ppb)				annular		200	veloc	it.	flow E0	CD	Le	ft on C	Cutting	s (-)		0.0
pН				7.0		8.5	section		eas. epth	ft/mii			gal		Lost F	Return	s (-)	-9	95.6
Alkalinity, Muc	l Pm			0.1		0.1	0x4.5	1	08'	-473.	.1	8.	54	Non-Rec	overal	ble Vo	l. (-)		
Alkalinities, Fil	trate Pf/M	1f		0.1/0.2		0.1/0.5	6.875x4.	5 9,7	779'	354.	7	turb 8.	99	Est. T	otal o	n Loca	ation	256	64.9
Chlorides (mg.				1700		25000	6.75x4.5	5 17,	669'	378.	5	turb 9.	50	Est. Los	ses/Ga	ains (-	_)/(+)		0.0
Calcium (ppm)				280		320	6.75x5.2		703'	532.			69		HYDR			ATA	
Excess Lime (6.75x5.12		830'	496.			-	Bit H.S.I.	Bit			es (32)	nds)
Average Spec		y of Soli	ds	2.60	2.60	2.60								0.34	53	-	18	18	18
Percent Low 0				0.5%		0%							-	Dit Imn = -	Noz		18	18	18
Percent Drill S				0.5%										Bit Impact Force	Velo (ft/s	-			
PPA Spurt / To		<u> </u>	@ 0 °F				BIT D	ATA	Ma	anuf./Typ	oe l	Halliburton /	PDC	143 lbs	84	´ -	+		_
Estimated Tot	. ,						Size	Depth In		- ·	Foota			Motor/M			Circ.	Press	sure
Sample Taker		-,0.0.11		N. Dilly		P. Blair	6 3/4	16,884 ft		3.0	946		2.8	3,369 p			4,600		
Campie Takel	. <i>D</i> y			Jany		Dian	3 0/ 7	. 5,557 11	<u> </u>		5 10			2,000	- 01		.,550	ان	

Remarks/Recommendations:

Slug Pit: Fresh water / Tank 7: 9.1 OBM / Tank 5&6 17.0ppg Kill Mud

Plan Forward: Finish drilling to TD of production hole with brine/freshwater under mud cap.

Total OBM Received (Consignment Volume): 2607bls.

Received 412bls 17.0ppg OBM from mud plant on 11/4.

Mud check derived from drill water in pit #8 while drilling.

Rig Activity:

Finished working on rig traveling assembly. Pump 50bls of 17.0ppg kill mud on backside. TIH F/9,684' T/14,603'. Continue TIH inspecting every connection down to 16,591'. Wash down bo bottom 16,884'. Spot 30bls 17.0ppg OBM on backside to pull and repair rotating head. Drill ahead from 16,884' to 17,830' with produced brine hauled in and freshwater. Spotted 40bls of 17.0ppg kill mud on backside at 17,810' to drop casing pressure from 100psi to 0. Treating drill water with 3.5bls/hr diesel and 1.5gal/hr PHPA for torque. Drilling ahead at report time with freshwater under OBM cap.

	ng. 1: hone:		Patric 36-46				ng. 2: none:		k Dilly 07-8848	WH 1: Phone:	MIDLAND 432-686-7361	WH 2: Phone:	WH #2 -	Rig Phone:	Daily Total	Cumulative Cost
W 1	P 1	Y 1	g 1	G 1	р 0	A 1	S 0	C 0	carefully	and may be	used if the user s		, no representati	nas been prepared on is made as to the	\$3,697.92	\$170,212.44
												INCLUDI	NG 3RD PAR	TY CHARGES	\$9,687.36	\$276,865.84

Date 11/05/21	Operator MAGI	NOLIA OIL		Well Name a BIGHO	na No. RN PEAK H		Rig Name and No. 248		rt #12
	DAILY	USAGE 8	COST					-	LATIVE
			Previous		Closing	Daily		Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42			30	\$1,405.2
PHPA LIQUID (pail)	5 gal	\$41.36	94		72	22	\$909.92	22	\$909.9
EVO-LUBE	gal	\$14.00							
NEW GEL (PREMIUM)	100# sk	\$11.54							
ALUMINUM TRISTEARATE	25# sk	\$81.16							
CACL2 (50)	50# sk	\$14.32	560		560			316	\$4,525.1
LIME (50)	50# sk	\$5.88	250		250			427	\$2,510.7
OPTI - G	50# sk	\$32.44	160		160			260	
BENTONE 38 (50)	50# sk	\$152.93	88		88			6	
BENTONE 910 (50)	50# sk	\$55.55	75		75			38	
BENTONE 990 (50)	50# sk	\$88.61	69		69			65	
OPTI - MUL	gal	\$11.40	660		660				\$13,794.0
OPTI - WET	gal	\$8.84	935		935			770	
NEW PHALT	50# sk	\$38.72	72		72			18	
OIL SORB (25)	25# sk	\$4.75	15		15			32	\$152.0
OPTIPLUS	gal	\$48.40	935		935			165	-
NEW CARB (M)	50# sk	\$5.63	126		126			11	\$61.9
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	120		120			90	\$2,524.5
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 - FINE (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			1350	\$11,029.5
							<u> </u>		
							<u> </u>		
							<u> </u>	<u> </u>	
OPTI PRILL (CC)									0===
OPTI DRILL (OBM)	bbl	\$75.00	2193	414	2607				\$72,825.0
MAGNOLIA OWNDED OBM	bbl	045.00						455	
DISCOUNTED OBM	bbl	\$15.00							
							 		-
							 		
							 		
							 		
ENGINEERING (24 HR)	oc sh	\$990.00				0	\$1,980.00		\$19,800.0
ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$990.00				2		20	
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl					748	·	748	
LIVOHVEENHVO (IVIILES)	each	\$1.00				748	\$748.00	/48	φ/48.0
							 	 	
Scala Ticket	A # - I-	¢45.00					 	<u> </u>	#co.1
Scale Ticket	each	\$15.00					 	2020	
FRUCKING (cwt)	each	\$2.48					 		\$5,029.2
TRUCKING (min)	each	\$812.50						1	***
PALLETS (ea)	each	\$12.50						34	\$425.0
SHRINK WRAP (ea)	each	\$12.50						23	\$287.5
· /	•							l l	

Date	Operator			Well Name a	nd No.		Rig Name ar	id No.	Report No.	
11/05/21	MAG	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	rt #12
	DAILY	USAGE 8	k COST						сими	_ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66							3200	\$8,512.00
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.00
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.60
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76							11500	\$31,740.00
Diesel Received 10-31-21	gal	\$2.72							7200	\$19,584.00
Diesel Received 11-1-21	gal	\$2.72	7000		4798	2202	\$5,989.44		2202	\$5,989.44
Diesel Received 11-3-21	gal	\$2.70	7000		7000					
PROCOR PRO V PLUS	25# sk		180		180				64	
PROCOR PRO X	25# sk		304		304					
PROCOR SWEEP AID	25# sk		288		288					
PROCOR SUPERCEAL	25# sk		200		200				64	
					Daily S	ub-Total \$5	5,989.44		\$106,0	653.40
	Cumu	ulative Total	AES & 3rd	Party \$276	i,865.84					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4					
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830				
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830					
14,805	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	2,337	-	946	-	-	-	-	-
997	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	50	160	103	-	42	-	-	-	-	-
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,564	2,564	2,564	2,564	2,564
95	Chemical Additions							10	11	11		10	19	14	17		3					
983	Base Fluid Added							74	230	98	66	100	93	92	178		52					
94	Barite Increase								14	24				7	28	21						
8,108	Weighted Mud Added	2,419						2,362				2,398		310	207		412					
	Slurry Added																					
	Water Added								5				15	26	675							
	Added for Washout	ļ																				<u> </u>
10,001	Total Additions	2,419	-	-	-		-	2,446	260	133	66	2,508	127	449	1,105	21	467	-		-	-	<u> </u>
-	Surface Losses																					
1,400	Formation Loss												122	248	739	195	96					
887	Mud Loss to Cuttings							2	328	181			59	192	125							
781	Unrecoverable Volume										65		15	11	15	675						
189	Centrifuge Losses							59	26		39		20	25	20							
3,257	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	870	96	-	-	-	-	-
4,180	Mud Transferred Out		2,140								2,040											
2,564	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,564	2,564	2,564	2,564	2,564	2,564
-	Mud Recovered																					
				C	omment	s:					C	omment	s:					С	omment	s:		
	٦	10/21/21	Transferre	ed 2,419bls	from the H	O2 to the H	IO4.			Lost 328bl: processing			nd 26bls to	centrifuge		11/4/21	195bls los hole.	t downhole	while bullh	eading fluid	d and stripp	ping out of
3,928		10/22/21	Transferre hole after		from the H	O4 to the H	IO6. Left 2	79bls in		Lost 181ble clean.	s to mud or	n cuttings w	hile drilling	g and circul	ating hole	11/5/21	96bls lost	to hole fillir	ng backside	with kill m	ud.	
		10/23/21							10/30/21	Lost 65bls 39bls to ce well.						11/6/21						
		10/24/21							10/31/21							11/7/21						
		10/25/21							11/1/21							11/8/21						
		10/26/21							11/2/21	310 BBLS	received fre	om mudpla	ınt			11/9/21						
	Lost 2bls to mud on cuttings and 59bls to centrifuge while cutting MW back to 8.8ppg for drill out. 10/27/21 Lost 2bls to mud on cuttings and 59bls to centrifuge while cutting 11/3/21 207 BBLS received from mudplant																					

Report #13 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

87.6°

10,563' TVD

Operator MAGNOLIA OIL & GAS	Contractor PA1	TTERSO	ON	County / Parish /	Block HINGTO	N	Engineer S	Start Date 0/07/21	24 hr f	tg. 1,723 ft		rilled Depth 19,5	53 ft
Well Name and No. BIGHORN PEAK H04 BH	Rig Name an	nd No.		State	EXAS		Spud Date	0/07/21		nt ROP Oft/hr	A	Backre	eaming
Report for	Report for			Field / OCS-G #			Fluid Type			ating Rate	C	Circulating Pre	_
Kevin Burt / Chris Mayeux	То	ol Pus	her	GID	DINGS			WBM		394 gpr	n	4,09	0 psi
MUD PROPERTY SPECIF	ICATION	s		MUD VO	LUME (B	BL)	F	PUMP #1		PUMP #2	2	RISER B	OOSTER
Weight PV YP GELS	рН	API fl	% Solids	In Pits	28	88 bbl	Liner S	Size 4.	.75 Line	r Size 4	.75	Liner Size	
8.4-9.6 0-10 0-10 <5 <10	8.4-9	<25	2-10	In Hole	77	'8 bbl	Strok	ie ´	12 Str	oke	12	Stroke	
	11/6/21		11/5/21	Active	98	34 bbl	bbl/st	tk 0.0)625 bb	l/stk 0.0	0625	bbl/stk	0.0000
Time Sample Taken	0:30		13:00	Storage	<u>15</u>	00 bbl	stk/m	nin 7	74 stk	/min	76	stk/min	
Sample Location	pit		pit	Tot. on Lo	cation 25	66 bbl	gal/m	nin 1	94 gal	l/min 1	199	gal/min	0
Flowline Temperature °F					PHHP = 9	39		CIRCUI	LATION DA	ATA	I	n = 0.585	K = 26.563
Depth (ft)	19,553'		19,232'	Bit [Depth = 17	7,700 '		Wash	nout = 0%		Pump E	Efficiency	= 95%
Mud Weight (ppg)	8.4		8.5	Drill String	Volum	e to Bit	250.4	bbl St	rokes To Bit	4,009	Т	ime To Bit	27 min
Funnel Vis (sec/qt) @ 89 °F	27		28	Disp.	Bottoms	Up Vol.	445.5	bbl Bott	omsUp Stks	7,131	Bottom	nsUp Time	48 min
600 rpm	3		5	98.7 bbl	Riser Ar	nn. Vol.	-2.1 b	obl R	iser Strokes	-34	Riser	Circ. Time	0 min
300 rpm	2		3		DRILLIN	IG ASS	SEMBLY	DATA			SOLIDS	CONTRO	DL
200 rpm	1		2	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Uni	t	Screens	Hours
100 rpm	1		1	Drill Pipe	4.500	3.	826	17,539'	0'	Shake	er 1	140	
6 rpm	1		1	Hevi Wt	5.250	2.	000	34'	17,539'	Shake	er 2	140	
3 rpm	1		1	Collars	5.125	2.	680	127'	17,573'	Shake	er 3	140	
Plastic Viscosity (cp) @ 120 °F	1		2	Collars					17,700'	Desan	der		
Yield Point (lb/100 ft²) T0 = 1	1		1		CASI	NG & H	HOLE D	ATA		Desilt	ter		
Gel Strength (lb/100 ft²) 10 sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifu	ige 1		
Gel Strength (lb/100 ft²) 30 min	1		1	Riser	20			108'		VOLUI	ME ACC	OUNTIN	G (bbls)
API Filtrate / Cake Thickness				Surface	10 3/4	9.	950	3,014'	108'	Prev.	Total on	Location	2564.9
HTHP Filtrate / Cake Thickness @ 0 °F				Int. Csg.	7 5/8	6.	875	9,779'	108'	Transf	erred In	(+)/Out(-)	
Retort Solids Content	0.4%		1%	Washout 1							Oil A	Added (+)	56.0
Retort Oil Content			3%	Washout 2							Barite /	Added (+)	0.0
Retort Water Content	99.6%		96%	Oper	n Hole Siz	e 6.	750	19,553'		Other P	roduct l	Jsage (+)	0.8
Sand Content	0%		0.2%	AN	NULAR G	EOME	TRY & F	RHEOLO	GY		Water A	Added (+)	
M.B.T. (Methylene Blue Capacity) (ppb)				annula	r m	neas.	veloc	ity flow	ECD	L	eft on C	uttings (-)	0.0
рН	7.0		8.4	section		epth	ft/mi	,			Lost R	eturns (-)	-55.9
Alkalinity, Mud Pm	0.1		0.1	0x4.5		108'	-476	.3	8.40	Non-Re	coverab	le Vol. (-)	
Alkalinities, Filtrate Pf/Mf	0.1/0.2		0.1/0.5	6.875x4	.5 9	,779'	357.	.0 turb	8.82	Est.	Total on	Location	2565.9
Chlorides (mg/L)	1400		23000	6.75x4.	5 17	7,539'	381.	.1 turb	9.15	Est. Los	sses/Ga	ins (-)/(+)	0.0
Calcium (ppm)	240		360	6.75x5.2	25 17	7,573'	535.	9 turb	9.15	ВІТ	HYDR	AULICS E	ATA
Excess Lime (lb/bbl)				6.75x5.1	25 17	7,700'	499.	.8 turb	9.17	Bit H.S.I.	Bit A	AP Nozz	zles (32nds)
Average Specific Gravity of Solids	2.60	2.60	2.60							0.35	54 p	osi 18	18 18
Percent Low Gravity Solids	0.3%		0%							Bit Impac	Nozz		18 18
Percent Drill Solids	0.3%									Force	Veloc (ft/se	-	
PPA Spurt / Total (ml) @ @ 0 °F				BIT D	ATA	Ma	anuf./Typ	pe Hallil	burton / PDC	145 lbs	85		
Estimated Total LCM in System ppb				Size	Depth In) Ho	ours	Footage	ROP ft/hr	Motor/N	1WD	Calc. Circ	. Pressure
Sample Taken By	N. Dilly		P. Blair	6 3/4	16,884 f	t 1	3.0	2,669 ft	205.3	2,854	psi	4,09	0 psi
Remarks/Recommendations:				Rig Activity:			1		•	1			

Slug Pit: Fresh water / Tank 7: 9.1 OBM / Tank 5&6 17.0ppg Kill Mud

Plan Forward: Backream out of hole until able to pull on slips. Finish POOH and run production casing.

Total OBM Received (Consignment Volume): 2607bls.

Received 412bls 17.0ppg OBM from mud plant on 11/4.

Mud check derived from drill water in pit #8 while drilling.

Rot/Sld Drlg F/17,827' T/19,553' TD with produced brine and freshwater. Torque 12-23k. Treated drill water with 3.5bls/hr diesel and 1.5gal/hr PHPA for lubricity. Pumped remaining brine followed by freshwater downhole for 3xBU volumes. Backream off bottom pumping freshwater to 17,700'. Continue backreaming at report time.

Eı	ng. 1:	ı	Patric	k Bla	ir	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	9:	36-46	5-09	52	Pł	none:	337-2	07-8848	Phone:	432-686-736	1 Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 0	A 1	S 0	0 0	carefully	and may be	used if the user		r, no representat	has been prepared ion is made as to the	\$5,404.52	\$175,616.96
												INCLUD	ING 3RD PAR	TY CHARGES	\$11,807.40	\$288,673.24

Item SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	DAILY Unit 50# sk 5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk gal gal 50# sk 25# sk 9al sol 50# sk 25# sk 50# sk 50# sk 50# sk 100# sk	\$46.84 \$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	Previous Inventory 42 72 560 250 160 88 75 69 660 935 72 15 935 126 120 40 40 64	-935 935	Closing Inventory 42 65 65 65 660 250 660 935 72 15 935 126 120 40 40 64	Daily Usage	Daily Cost \$289.52
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 9al gal 50# sk 25# sk 9al gal 50# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk	\$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$38.72 \$4.75 \$48.40 \$13.70 \$56.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	\$60 250 160 88 75 69 660 935 72 15 935	-935	120 40 40 40 40 42 42 42	Usage	-
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 9al gal 50# sk 25# sk 9al gal 50# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk	\$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$38.72 \$4.75 \$48.40 \$13.70 \$56.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	\$60 250 160 88 75 69 660 935 72 15 935	-935	120 40 40 40 40 42 42 42	Usage	-
PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk 100# sk	\$41.36 \$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$11.54 \$11.54 \$11.54 \$13.70 \$15.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	72 560 250 160 88 75 69 660 935 72 15 935 126 120 40 40 64		560 250 160 88 75 69 660 935 72 15 126 120	7	\$289.52
EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk	\$14.00 \$11.54 \$81.16 \$11.54 \$81.16 \$11.54 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$56.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38	560 250 160 88 75 69 660 935 72 15 935 126 120		560 250 160 88 75 69 660 935 72 15 935 126 120	7	\$289.52
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 50# sk 50# sk 50# sk 50# sk	\$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38	560 250 160 88 75 69 660 935 72 15 935 126 120		250 160 88 75 69 660 935 72 15 935 126 120		
ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk 50# sk	\$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38	250 160 88 75 69 660 935 72 15 935 126 120 40 40 64		250 160 88 75 69 660 935 72 15 935 126 120		
CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk 50# sk	\$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38	250 160 88 75 69 660 935 72 15 935 126 120 40 40 64		250 160 88 75 69 660 935 72 15 935 126 120		
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	250 160 88 75 69 660 935 72 15 935 126 120 40 40 64		250 160 88 75 69 660 935 72 15 935 126 120		
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	250 160 88 75 69 660 935 72 15 935 126 120 40 40 64		250 160 88 75 69 660 935 72 15 935 126 120		
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	160 88 75 69 660 935 72 15 935 126 120		160 88 75 69 660 935 72 15 935 126		
BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	88 75 69 660 935 72 15 935 126 120 40 40 64		88 75 69 660 935 72 15 935 126 120		
BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	75 69 660 935 72 15 935 126 120		75 69 660 935 72 15 935 126 120		
BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk gal gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk	\$88.61 \$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	69 660 935 72 15 935 126 120 40 40 64		935 72 15 935 126 120 40		
OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal gal gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$11.40 \$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	126 120 40 64		935 72 15 935 126 120 40		
OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal 50# sk 25# sk gal gal 50# sk 25# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$8.84 \$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	935 72 15 935 126 120 40 40 64		935 72 15 935 126 120 40		
NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 25# sk gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$38.72 \$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	72 15 935 126 120 40 40 64		72 15 935 126 120 40 40		
OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk gal gal solve sk 25# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 100# sk 100# sk	\$4.75 \$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	15 935 126 120 40 40 64		15 935 126 120 40 40		
OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk	\$48.40 \$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	935 126 120 40 40 64		935 126 120 40 40		
NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal 50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 100# sk	\$13.70 \$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	126 120 40 40 64		126 120 40 40		
NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$5.63 \$24.40 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	40 40 64		126 120 40 40		
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	40 40 64		120 40 40		
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk 25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$24.40 \$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	40 40 64		120 40 40		
MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk 30# sk 50# sk 50# sk 50# sk 50# sk	\$28.05 \$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	40 40 64		40		
MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	30# sk 50# sk 30# sk 50# sk 50# sk 50# sk	\$28.05 \$26.50 \$30.37 \$10.51 \$10.38 \$25.59	40 40 64		40		
VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	30# sk 50# sk 50# sk 50# sk	\$30.37 \$10.51 \$10.38 \$25.59 \$10.73	40 64		40		
NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 100# sk	\$10.51 \$10.38 \$25.59 \$10.73	40 64		40		
MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 100# sk	\$10.38 \$25.59 \$10.73	40 64		40		
GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 100# sk	\$25.59 \$10.73	64				
NEW WATE (SACK BARITE)	100# sk	\$10.73			64		
` '			80				
` '			80				
` ′			80				
` ′			80				
BARITE BULK (100)	100# sk	⊕ ∩ 4 →			80		
		\$8.17	1300		1300		
OPTI DRILL (OBM)	bbl	\$75.00	2607		2566	/11	\$3,075.00
MAGNOLIA OWNDED OBM	bbl	ψ/ 0.00	2007		2000	• • • • • • • • • • • • • • • • • • • •	ψο,ονο.οο
DISCOUNTED OBM	bbl	\$15.00					
ENGINEERING (24 HR)	each	\$990.00					\$1,980.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00
ENGINEERING (MILES)	each	\$1.00					
Scale Ticket	each	\$15.00					
TRUCKING (cwt)	each	\$2.48					
TRUCKING (min)	each	\$812.50					
PALLETS (ea)	each	\$12.50					
SHRINK WRAP (ea)		\$12.50					
	each	1	ub-Total \$5				

Date	Operator			Well Name a	ind No.		Rig Name ar	id No.	Report No.	
11/06/21	MAG	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	rt #13
	DAILY	USAGE 8	k COST						СПМП	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66							3200	\$8,512.00
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.00
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.60
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76							11500	\$31,740.00
Diesel Received 10-31-21	gal	\$2.72							7200	\$19,584.00
Diesel Received 11-1-21	gal	\$2.72	4798		2444	2354	\$6,402.88		4556	\$12,392.32
Diesel Received 11-3-21	gal	\$2.70	7000		7000					
Diesel Received 11-5-21	gal	\$2.70		3000	3000					
PROCOR PRO V PLUS	25# sk		180		180				64	
PROCOR PRO X	25# sk		304		304				0.1	
PROCOR SWEEP AID	25# sk		288		288					
PROCOR SUPERCEAL	25# sk		200		200				64	
T NOOCK COT ENCERE	2011 010		200		200				0.1	
								l.		
	·				Daily S	ub-Total \$6	6,402.88		\$113,0	056.28
	<u> </u>							•		
	Cumu	ılative Total	AES & 3rd	Party \$288	3,673.24					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4				
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553			
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553				
16,528	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	2,337	-	946	1,723	-	-	-	-
1,073	_	-	-	-	-	-	-	7	497	137	-	-	50	160	103	-	42	76	-	-	-	-
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,566	2,566	2,566
95	Chemical Additions		_,					10	11	11	_,	10	19	14	17	-,	3	_,	_,-,	_,	_,,	_,-,
	Base Fluid Added							74	230	98	66	100	93	92	178		52	56				
,									14	24				7	28	21						
8,110	Weighted Mud Added	2,419						2,362				2,398		310	207		414					
-	Slurry Added																					
721	Water Added								5				15	26	675							
-	Added for Washout																					
10,059	Total Additions	2,419			-	-	-	2,446	260	133	66	2,508	127	449	1,105	21	469	56	-	-	-	-
-	Surface Losses																					
1,456	Formation Loss												122	248	739	195	96	56				
887	Mud Loss to Cuttings							2	328	181			59	192	125							
781	Unrecoverable Volume										65		15	11	15	675						
189	Centrifuge Losses							59	26		39		20	25	20							
3,313	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	870	96	56	-	-	-	-
4,180	Mud Transferred Out		2,140								2,040											
2,566	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,566	2,566	2,566	2,566
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
	1	10/21/21	Transferre	d 2,419bls	from the H	O2 to the H	04.			Lost 328bl processing			and 26bls to	centrifuge		11/4/21	195bls los hole.	t downhole	while bullh	eading flui	d and stripp	oing out of
3,930		10/22/21	Transferre hole after of			O4 to the H	O6. Left 27	9bls in		Lost 181bl clean.	s to mud or	n cuttings w	vhile drilling	and circula	ating hole	11/5/21	96bls lost	to hole fillin	g backside	with kill m	ud.	
		10/23/21							10/30/21				dumped dur and cutting N			11/6/21	Lost 56bls	downhole t	to diesel ad	dded to dril	water.	
		10/24/21							10/31/21							11/7/21						
		10/25/21							11/1/21							11/8/21						
		10/26/21							11/2/21	310 BBLS	received fr	om mudpla	ant			11/9/21						
		10/27/21	Lost 2bls to	o mud on c to 8.8ppg fo	uttings and or drill out.	59bls to ce	entrifuge wl	hile cutting	11/3/21	207 BBLS	received fr	om mudpla	ant			11/10/21						_

Report #14 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

87.5°

10,239' TVD

Operator MAGI Well Name and No	NOLIA (OIL & (GAS	Contractor PAT Rig Name an	TERS(ON	County / Parish / WASH	Block	ON	Engineer Start I 10/0 Spud Date		24 hr ft	0 ft		Drilled	19,5	53 ft
	DRN PE	AK HO	4 BH	Rig Name an	248			EXAS		10/0	7/21	Curren	0 ft/hr		1 1		asing
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate			ting Pre	•
Kevin I	Burt / Cl	hris M	ayeux	То	ol Pus	her	GID	DINGS	3	WE	3 M		0 gpm			р	si
	MUD	PROPE	RTY SPECIF	CATIONS	S		MUD VO	LUME (E	BBL)	PUM	IP #1		PUMP #2	!	RIS	ER B	OOSTER
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	2	95 bbl	Liner Size	4.75	Line	r Size 4	.75	Liner	Size	
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole	7	'96 bbl	Stroke	12	Str	oke	12	Stro	oke	
				11/7/21		11/6/21	Active	7	'65 bbl	bbl/stk	0.0625	bbl	/stk 0.0	0625	bbl	/stk	0.0000
Time Sample	Taken			0:30		13:00	Storage	e <u>g</u>	949 bbl	stk/min	0	stk	/min	0	stk/	min	
Sample Locati	ion			pit		pit	Tot. on Lo	cation 2	040 bbl	gal/min	0	gal	/min	0	gal/	min	0
Flowline Temp	oerature °F	F						PHHP =	: 0	CI	RCULAT	ON DA	TA		n = 0).585	K = 26.563
Depth (ft)				19,553'		19,553'	Bit D	Depth = 1	2,183 '		Washout	= 0%		Pump	Effici	ency =	= 95%
Mud Weight (բ	ppg)			8.4		8.4	Drill String	Volur	me to Bit	224.1 bbl	Stroke	s To Bit			Time	To Bit	
Funnel Vis (se	ec/qt)		@ 89 °F	27		28	Disp.	Bottoms	Up Vol.	245.5 bbl	Bottoms	Up Stks		Botto	msUp	Time	
600 rpm				3		3	80.9 bbl	Riser A	Ann. Vol.	-3.2 bbl	Riser	Strokes		Rise	er Circ.	Time	
300 rpm				2		2		DRILLI	NG ASS	SEMBLY DA	TA		8	SOLID	s col	NTRO	Ĺ
200 rpm				1		1	Tubulars	OD (in	.) ID	(in.) Le	ngth	Тор	Unit	t	Scre	ens	Hours
100 rpm				1		1	Drill Pipe	5.500	4.	768 1,	775'	0'	Shake	r 1	14	40	
6 rpm				1		1	Hevi Wt	5.000	4.	276 10,	408' 1	,775'	Shake	r 2	14	40	
3 rpm				1		1	Collars				1:	2,183'	Shake	r 3	14	40	
Plastic Viscos	ity (cp)		@ 120 °F	1		1	Collars				1:	2,183'	Desan	der			
Yield Point (lb.	/100 ft²)		T0 = 1	1		1		CAS	SING & F	HOLE DATA	\		Desilt	er			
Gel Strength ((lb/100 ft²)	10) sec/10 min	1/1		1/1	Casing	OD (in	.) ID	(in.) De	epth	Тор	Centrifu	ge 1			
Gel Strength ((lb/100 ft ²)		30 min	1		1	Riser	20		1	08'		VOLU	ME AC	COU	NTING	6 (bbls)
API Filtrate / C	Cake Thick	kness					Surface	10 3/4	9.	950 3,0	014'	108'	Prev.	Total o	on Loc	ation	2565.9
HTHP Filtrate	/ Cake Th	nickness	@ 0 °F				Int. Csg.	7 5/8	6.	875 9,	779'	108'	Transf	erred	In(+)/C	Out(-)	
Retort Solids (Content			0.4%		0.4%	Washout 1							Oi	l Adde	ed (+)	45.8
Retort Oil Con	ntent						Washout 2							Barite	Adde	ed (+)	13.9
Retort Water	Content			99.6%		99.6%	Oper	n Hole Si	ze 6.	750 19,	553'		Other P	roduc	t Usag	je (+)	0.0
Sand Content				0%		0%	ANI	NULAR (GEOME	TRY & RHE	OLOGY			Wate	r Adde	ed (+)	
M.B.T. (Methy	lene Blue	Capacity	/) (ppb)				annulai	r	meas.	velocity	flow	ECD	Le	eft on	Cutting	gs (-)	0.0
рН				7.0		7.0	section		depth	ft/min		b/gal		Lost	Returi	ns (-)	-585.8
Alkalinity, Muc	d Pm			0.1		0.1	0x5.5		108'	0.0		8.40	Non-Re	covera	able V	ol. (-)	
Alkalinities, Fi	Itrate Pf/M	lf		0.1/0.2		0.1/0.2	6.875x5	.5	1,775'	0.0	lam	8.40	Est.	Total o	on Loc	ation	2039.8
Chlorides (mg	/L)			1200		1200	6.875x5	5 !	9,779'	0.0	lam	8.40	Est. Los	sses/G	ains (-)/(+)	0.0
Calcium (ppm)			200		240	6.75x5	5 1	2,183'	0.0	lam	8.40	ВІТ	HYDI	RAULI	ICS D	ATA
Excess Lime ((lb/bbl)												Bit H.S.I.	Bit	ΔΡ	Nozz	es (32nds)
Average Spec	ific Gravity	y of Solic	ls	2.60	2.60	2.60											
Percent Low 0	Gravity So	lids		0.3%		0.3%							Bit Impact	1	zzle		
Percent Drill S	Solids			0.3%		0.3%							Force	vei	ocity sec)		
PPA Spurt / T	otal (ml) @	0	@ 0 °F				BIT D	ATA	Ma	anuf./Type			1				
Estimated Tot	al LCM in	System	ppb				Size	Depth I	In Ho	ours Foo	otage RC	OP ft/hr	Motor/N	lWD	Calc	. Circ.	Pressure
Sample Taker	า By			N. Dilly		P. Blair	6 3/4										ļ
Remarks/Reco	ommendatio	ons:		<u>. </u>			Rig Activity:	1	<u> </u>	1			1		1		

Slug Pit: Fresh water / Tank 7: 10.0ppg OBM / Tank 5&6: 17.0ppg Kill Mud

Plan Forward: Land casing, cement, & skid rig.

Total OBM Received (Consignment Volume): 2607bls

Ordered OBM required to complete next well.

Mud check derived from drill water in pit #8.

Backream out of hole to 17,636'. POOH on slips F/17,636' T/7,702'. SOOH F/7,702' T/2,961'. Filled backside while tripping with 9.1ppg/10.0ppg reserve OBM. Pumped 50 bbls 17.0ppg kill mud 3 times at 17,636 after backreaming, 9,785' at shoe, and 2,961' when removing trip nipple. Finished POOH F/2,961' and lay down BHA. R/Ucasing equipment and M/U shoe track. at pm report time for production casing run. Run 5" casing to 10,408'. Swap out casing tools and continue running 5 1/2" casing to 12,183' at report time. Filling casing with freshwater.

Е	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
Р	hone:	9:	36-46	5-09	52	Ph	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	g 1	G 1	р 0	A 1	S 0	C 0	carefully	and may be	used if the user s		nas been prepared on is made as to the	\$43,162.00	\$218,778.96	
												INCLUD	TY CHARGES	\$48,395.28	\$337,068.52	

11/07/21	Operator MAGI	NOLIA OIL		Well Name a BIGHO	ind No. RN PEAK I	H04 BH	Rig Name an	d No. 18	Report No. Repo	rt #14
	DAILY	USAGE 8	k COST				I.		CUMU	LATIVE
			Previous		Closing	Daily			Cum	
ltem	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cos
SAPP (50)	50# sk	\$46.84	42		42				30	\$1,405.20
PHPA LIQUID (pail)	5 gal	\$41.36	65		65				29	\$1,199.44
EVO-LUBE	gal	\$14.00								
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE	100# sk 25# sk	\$11.54 \$81.16								
ALUMINUM TRISTEARATE	25# SK	φο1.10								
CACL2 (50)	50# sk	\$14.32	560		560				316	\$4,525.12
LIME (50)	50# sk	\$5.88	250		250				427	\$2,510.76
OPTI - G	50# sk	\$32.44	160		160				260	· ,
BENTONE 38 (50)	50# sk	\$152.93	88		88				6	
BENTONE 910 (50)	50# sk	\$55.55	75 60		75 C0				38	· ,
BENTONE 990 (50) OPTI - MUL	50# sk	\$88.61 \$11.40	69 660		69 660				65	\$5,759.65 \$13,794.00
OPTI - WET	gal gal	\$8.84	935		935				770	
NEW PHALT	50# sk	\$38.72	72		72				18	
OIL SORB (25)	25# sk	\$4.75	15		7	8	\$38.00		40	\$190.00
OPTIPLUS	gal	\$48.40							165	\$7,986.00
OPTIPLUS	gal	\$13.70	935		935					
NEW CARB (M)	50# sk	\$5.63	126		126				11	\$61.93
CYBERSEAL	25# sk	\$24.40								*******
MAGMAFIBER F (25)	25# sk	\$28.05	120		120				90	\$2,524.50
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 - FINE (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		1100	200	\$1,634.00		1550	\$12,663.50
OPTI DRILL (OBM)	bbl	\$75.00	2566		2040	526	\$39,450.00		-	\$115,350.00
MAGNOLIA OWNDED OBM	bbl	045.55							455	
DISCOUNTED OBM	bbl	\$15.00								
	+									
				_						
					Ī					
							<u></u>			<u></u>
ENGINEERING (24 HR)	each	\$990.00				2	\$1,980.00		24	\$23,760.00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each bbl	\$990.00 \$30.00				2 2	\$1,980.00 \$60.00		24	\$23,760.00 \$720.00
									-	\$720.00
ENGINEERING (DIEM)	bbl	\$30.00							24	\$720.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00							748	\$720.00 \$748.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00							24 748 4	\$720.00 \$748.00 \$60.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each	\$30.00 \$1.00 \$15.00 \$2.48							24 748 4 2028	\$720.00 \$748.00 \$60.00 \$5,029.22
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50							24 748 4 2028	\$720.00 \$748.00 \$60.00 \$5,029.22 \$812.50
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50 \$12.50							24 748 4 2028 1 34	\$720.00 \$748.00 \$60.00 \$5,029.22 \$812.50 \$425.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50							24 748 4 2028	\$720.00 \$748.00 \$60.00 \$5,029.22 \$812.50

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
11/07/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	24	48	Repo	rt #14
	DAILY	USAGE 8	& COST	l			1		CUMU	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.36
Diesel Received 10-11-21	gal	\$2.66							3200	
Diesel Received 10-11-21	gal	\$2.66						-	7200	\$19,152.00
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.00
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.60
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76							11500	\$31,740.00
Diesel Received 10-31-21	gal	\$2.72							7200	\$19,584.00
Diesel Received 11-1-21	gal	\$2.72	2444		520	1924	\$5,233.28		6480	\$17,625.60
Diesel Received 11-3-21	gal	\$2.70	7000		7000					
Diesel Received 11-5-21	gal	\$2.70	3000		3000					
Diesel Received 11-6-21	gal	\$2.66		7000	7000					
								-		
								-		
								-		
	+							-		
PROCOR PRO V PLUS	25# sk		180		180			-	64	
PROCOR PRO X	25# sk		304		304			-		
								_		
PROCOR SWEEP AID	25# sk		288		288			_	C4	
PROCOR SUPERCEAL	25# sk		200		200				64	
								-		
								_		
								_		
	1									
	1									
	+									
	+	1								
	+									
	+									
	+	1								
	+									
		1								
					Daily S	ub-Total \$	5,233.28		\$118,	289.56
								L		
		ulation T 1	LAEC 0.0 :	Dawin Ass	000 50					
	Cumi	ulative Total	AES & 3rd	гапту \$337	,008.52					
1						=				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name:

MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: BIGH

					WEEK 1							WEEK 2							WEEK 3			
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/2
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4			
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553	19,553		
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553	19,553			
	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	-	-	1,133	3,624	2,337	-	946	1,723	-	-	<u> </u>	-
	New Hole Vol.	-	-	-	-	_	_	7	497	137	-	<u> </u>	50	160	103	_	42	76	-	_	-	-
1,073	Starting System Volume		2.419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,040	2,040	2,040
05	Chemical Additions		2,413	213	213	213	213	10	11	11	2,322	10		14	17	3,042	2,193	2,300	2,300	2,040	2,040	2,04
	Base Fluid Added							74	230	98	66	100	19 93	92	178		52	56	46			
	Barite Increase	1						74	14	24	00	100	93	7	28	21	52	50	14			
	Weighted Mud Added	2,419						2,362	17	24		2,398		310	207		414		17			
	Slurry Added	2,413						2,002				2,000		310	201		717					
721	Water Added								5				15	26	675							
	Added for Washout								Ů					20	0.0							
10,119	Total Additions	2,419	_	_	_	_	_	2,446	260	133	66	2,508	127	449	1,105	21	469	56	60	_	_	_
10,119	Surface Losses	2,713	_	-	=	-	I -	2,770	200	133	- 00	2,300	121	773	1,103		703	- 30	- 55	-	-	-
2,042													122	248	739	195	96	56	586			
	Mud Loss to Cuttings							2	328	181			59	192	125	193	30	30	300			
781	Unrecoverable Volume								320	101	65		15	11	15	675						
189	Centrifuge Losses							59	26		39		20	25	20	0/3						
							1	1														
3,899	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	870	96	56	586	-	-	-
4,180	Mud Transferred Out		2,140								2,040											
2,040	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,040	2,040	2,040	2,040
-	Mud Recovered																					
				С	omment	s:					C	omment	s:					С	omment	s <i>:</i>		
		10/21/21	Transferre	ed 2,419bls	from the H	O2 to the H	IO4.			Lost 328bl processing			and 26bls to	centrifuge		11/4/21	195bls los hole.	t downhole	while bullh	eading fluid	d and strip	oing out o
3,930		10/22/21		ed 2,140bls cement job.	from the H	O4 to the H	IO6. Left 27	79bls in		Lost 181bl clean.	s to mud o	n cuttings v	vhile drilling	g and circula	ating hole	11/5/21	96bls lost	to hole fillir	ng backside	with kill m	iud.	
	•	10/23/21							10/30/21					ring cement MW back fo		11/6/21	Lost 56bls	downhole	to diesel ad	dded to dril	l water.	
		10/24/21							10/31/21							11/7/21		ls to format out of hole.	ion while ba	ackreaming	g, tripping,	and
		10/25/21							11/1/21							11/8/21						
		10/26/21							11/2/21	310 BBLS	received fi	rom mudpla	ant			11/9/21						
		10/27/21	Lost 2bls t MW back	to mud on c to 8.8ppg fo	uttings and or drill out.	59bls to c	entrifuge w	hile cutting	11/3/21	207 BBLS	received fr	rom mudpla	ant			11/10/21						

Report #15 TEL: (337) 394-1078

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 0' TVD

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 10/07/21 0 ft 19,553 ft Well Name and No Name and No. **TEXAS** 10/07/21 **BIGHORN PEAK H04 BH** 248 0 ft/hr Skid Rig Field / OCS-G # Report fo luid Type rculating Rate irculating Pressure **Tool Pusher GIDDINGS WBM Kevin Burt / Chris Maveux** 0 gpm psi MUD PROPERTY SPECIFICATIONS PUMP #1 PUMP #2 RISER BOOSTER MUD VOLUME (BBL) Weight **GELS** рΗ API fl % Solids In Pits 0 bbl Liner Size 4.75 Liner Size 4.75 Liner Size 8.4-9.6 0-10 <5 <10 8.4-9 <25 2-10 In Hole 0 bbl Stroke 12 Stroke 12 Stroke 0-10 0 bbl bbl/stk 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 stk/min 0 0 Time Sample Taken Storage 0 bbl stk/min stk/min gal/min gal/min Sample Location Tot. on Location 0 bbl gal/min Λ O 0 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) Bit Depth = Washout = 0% Pump Efficiency = 95% Mud Weight (ppg) Volume to Bit 0.0 bbl Strokes To Bit Time To Bit **Drill String** Disp. Funnel Vis (sec/qt) @ 89 °F Bottoms Up Vol. 0.0 bbl BottomsUp Stks BottomsUp Time 600 rpm 0.0 bbl Riser Ann Vol 0.0 bbl Riser Strokes Riser Circ. Time **SOLIDS CONTROL** 300 rpm **DRILLING ASSEMBLY DATA** OD (in.) ID (in.) Unit Screens 200 rpm **Tubulars** Length Top Hours Drill Pipe 0 0' Shaker 1 100 rpm 140 Shaker 2 140 Hevi Wt 6 rpm Collars 0' Shaker 3 140 3 rpm Collars Desander Plastic Viscosity (cp) Yield Point (lb/100 ft²) T0 = **CASING & HOLE DATA** Desilter OD (in.) ID (in.) Centrifuge 1 Gel Strength (lb/100 ft²) 10 sec/10 min Casing Depth Top 30 min 108' **VOLUME ACCOUNTING (bbls)** Riser 20 Gel Strength (lb/100 ft2) API Filtrate / Cake Thickness Surface 10 3/4 3,014' 108' 2039.8 Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg 7 5/8 9,779' 108' Transferred In(+)/Out(-) -1210.0 Retort Solids Content Prod 5 1/2 9,135' U, Oil Added (+) 0.0 Retort Oil Content Prod. 5 19,543 9.135 Barite Added (+) 0.0 Retort Water Content Open Hole Size 0.000 19.553 Other Product Usage (+) 0.0 **ANNULAR GEOMETRY & RHEOLOGY** Sand Content Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular velocity flow FCD meas section depth ft/min reg lb/gal Lost Returns (-) -829.8 Ha Non-Recoverable Vol. (-) Alkalinity, Mud Pm Alkalinities, Filtrate Pf/Mf Est. Total on Location 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) 0.0 **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Excess Lime (lb/bbl) Βίτ ΔΡ Nozzles (32nds) 2.60 2.60 Average Specific Gravity of Solids 2.60 Nozzle Percent Low Gravity Solids Bit Impact Velocity Force Percent Drill Solids PPA Spurt / Total (ml) @ @ 0 °F **BIT DATA** Manuf./Type ROP ft/hr Motor/MWD Estimated Total LCM in System ppb Size Depth In Hours Footage Calc. Circ. Pressure N. Dilly Sample Taken By Rig Activity: Remarks/Recommendations: Transfer 1210bls OBM to HO6. Run 5 1/2" casing to 19,543' washing down last 3 joints with freshwater. R/U TIW Transfer all inventory to HO6. and cement crew. Pump 125bbls 17.0ppg kill mud down back side. Pump 40 bbls spacer @ 10.5 ppg, pump 319 bbls cement @ 13.5 ppg, and displace w/383bbls Lost all OBM in hole to formation during cement job. fresh water to bump plug. R/U cementers to kill line and pump top job with 40bls spacer @ 10.5ppg, 346bls lead cement @ 13.5ppg, and 50bls tail cement @14.8ppg. Rig down cement equipment and nipple down. Skidding rig at report time. Patrick Blair Eng. 1: Eng. 2: Nick Dilly MIDLAND WH 2: WH #2 Rig Phone: Daily Total **Cumulative Cost** 337-207-8848 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 \$62,250,00 \$281.028.96 Ρ

0 0

validity of this information, and this is a recommendation only

INCLUDING 3RD PARTY CHARGES

\$62,250.00

\$399,318.52

Item SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE) BARITE BULK (100)	50# sk 5 gal gal 100# sk 25# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk gal gal 50# sk	\$46.84 \$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72 \$4.75	## COST Previous	-560 -250 -160 -88	Closing	Daily Usage	Daily Cost		MUI n	Cum Cost \$1,405.20 \$1,199.44
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk	\$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	\$100 \$42 \$65 \$60	-42 -65 -560 -250 -160 -88	-	-	Daily Cost		ge 30	\$1,405.20
SAPP (50) PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk	\$46.84 \$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	42 65 560 250 160 88 75 69	-42 -65 -560 -250 -160 -88	Inventory	Usage		Usa	30	\$1,405.20
PHPA LIQUID (pail) EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	5 gal gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 50# sk 25# sk gal gal 50# sk gal gal	\$41.36 \$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	560 250 160 88 75 69	-560 -250 -160						
EVO-LUBE NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PUG M (50) MICA F (50) GRAPHITE - FINE (50)	gal 100# sk 25# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk	\$14.00 \$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	560 250 160 88 75 69	-560 -250 -160 -88					23	ψ1,100.4-
NEW GEL (PREMIUM) ALUMINUM TRISTEARATE CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	100# sk 25# sk 25# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$11.54 \$81.16 \$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
CACL2 (50) LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	50# sk 50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk	\$14.32 \$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
LIME (50) OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$5.88 \$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	250 160 88 75 69	-250 -160 -88						
OPTI - G BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$32.44 \$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	160 88 75 69	-160 -88					316	\$4,525.12
BENTONE 38 (50) BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	50# sk 50# sk 50# sk gal gal 50# sk 25# sk gal	\$152.93 \$55.55 \$88.61 \$11.40 \$8.84 \$38.72	88 75 69	-88			1		427	\$2,510.76
BENTONE 910 (50) BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 50# sk gal gal 50# sk 25# sk gal	\$55.55 \$88.61 \$11.40 \$8.84 \$38.72	75 69						260	\$8,434.40
BENTONE 990 (50) OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk gal gal 50# sk 25# sk gal	\$88.61 \$11.40 \$8.84 \$38.72	69						6	\$917.58
OPTI - MUL OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal gal 50# sk 25# sk gal gal	\$11.40 \$8.84 \$38.72		-75					38	\$2,110.90
OPTI - WET NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal 50# sk 25# sk gal gal	\$8.84 \$38.72	660	-69					65	\$5,759.65
NEW PHALT OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk 25# sk gal gal	\$38.72		-660					1210	\$13,794.00
OIL SORB (25) OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk gal gal		935	-935					770	\$6,806.80
OPTIPLUS OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal gal	\$4.75	72	-72				<u> </u>	18	\$696.96
OPTIPLUS NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	gal		7	-7				<u> </u>	40	\$190.00
NEW CARB (M) CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)		\$48.40						<u> </u>	165	\$7,986.00
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)		\$13.70	935	-935						
CYBERSEAL MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)										***
MAGMAFIBER F (25) MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50)	50# sk	\$5.63	126	-126				 	11	\$61.93
MAGMAFIBER R (30) VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	25# sk 25# sk	\$24.40 \$28.05	120	-120					90	\$2,524.50
VARISEAL FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)			120	-120					90	\$2,524.50
FIBER PLUG NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	30# sk	\$28.05								
NUT PLUG M (50) MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk	\$26.50								
MICA F (50) GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	30# sk	\$30.37	40	40						
GRAPHITE - FINE (50) NEW WATE (SACK BARITE)	50# sk	\$10.51	40	-40						
NEW WATE (SACK BARITE)	50# sk	\$10.38	40	-40						
	50# sk	\$25.59	64	-64						
BARITE BULK (100)	100# sk	\$10.73	80	-80						
	100# sk	\$8.17	1100	-1100					1550	\$12,663.50
OPTI DRILL (OBM)	bbl	\$75.00	2040	-1210		830	\$62,250.00		2368	\$177,600.00
MAGNOLIA OWNDED OBM	bbl								455	
DISCOUNTED OBM	bbl	\$15.00								
ENGINEERING (24 HR)	each	\$990.00							24	\$23,760.00
ENGINEERING (DIEM)	bbl	\$30.00							24	\$720.00
ENGINEERING (MILES)	each	\$1.00						 	748	\$748.00
	GaUII	ψ1.00							, 40	ψι +0.00
Scale Ticket	each	\$15.00							4	\$60.00
TRUCKING (cwt)	each	\$2.48						 	2028	
TRUCKING (cwt) TRUCKING (min)	-	\$2.48 \$812.50							2028	\$5,029.22
	each								34	\$425.00
PALLETS (ea) SHRINK WRAP (ea)	each each	\$12.50 \$12.50							23	\$287.50
OFINING WINAF (Ed)	ı eacn	φ1∠.50		<u> </u>			I	├	23	φ∠87.50
		D-11	ub-Total \$62		İ				281,0	28.96

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
11/08/21	MAGI	NOLIA OIL	& GAS	BIGHO	RN PEAK	H04 BH	2	48	Repo	rt #15
	DAILY	USAGE 8	COST						CUMU	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cos
Diesel Received 10-5-21	gal	\$2.63							1172	\$3,082.3
Diesel Received 10-11-21	gal	\$2.66								\$8,512.0
Diesel Received 10-11-21	gal	\$2.66							7200	\$19,152.0
Diesel Received 10-12-21	gal	\$2.72							2500	\$6,800.0
Diesel Received 10-15-21	gal	\$2.70							4368	\$11,793.6
Diesel Received 10-15-21	gal	\$2.70								
Diesel transfer F/Bighorn Plains H02BH	gal	\$2.76							11500	\$31,740.0
Diesel Received 10-31-21	gal	\$2.72							7200	\$19,584.0
Diesel Received 11-1-21	gal	\$2.72	520	-520					6480	\$17,625.6
Diesel Received 11-3-21	gal	\$2.70	7000	-7000						
Diesel Received 11-5-21	gal	\$2.70	3000	-3000						
Diesel Received 11-6-21	gal	\$2.66	7000	-7000						
	-									
PROCOR PRO V PLUS	25# sk		180	-180					64	
PROCOR PRO X	25# sk		304	-304					- 04	
PROCOR SWEEP AID	25# sk		288	-288					C4	
PROCOR SUPERCEAL	25# sk		200	-200			1		64	
		<u> </u>								
									\$118,	289.56
	Cumi	ulative Total	AES & 3rd	Party \$399	.318.52	Ī				

OUTSOURCE FLUID SOLUTIONS LLC.

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

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					WEEK 1				1			WEEK 2							WEEK 3			
	Date	10/21/21	10/22/21	10/23/21	10/24/21	10/25/21	10/26/21	10/27/21	10/28/21	10/29/21	10/30/21	10/31/21	11/1/21	11/2/21	11/3/21	11/4/21	11/5/21	11/6/21	11/7/21	11/8/21	11/9/21	11/10/21
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	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	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4		
Grand	Starting Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553	19,553	19,553	
Totals	Ending Depth	3,025	3,025	3,025	3,025	3,025	3,025	3,100	8,342	9,790	9,790	9,790	10,923	14,547	16,884	16,884	17,830	19,553	19,553	19,553	,	
16,528	Footage Drilled	-	-	-	-	-	-	75	5,242	1,448	<u> </u>	-	1,133	3,624	2,337	-	946	1,723	-	-	-	-
	New Hole Vol.	-	-	-	-	-	-	7	497	137	-	-	50	160	103	-	42	76	-	-	-	-
	Starting System Volume		2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,040	1,210	1,210
95	Chemical Additions							10	11	11		10	19	14	17		3	-			-	
	Base Fluid Added							74	230	98	66	100	93	92	178		52	56	46			
,	Barite Increase								14	24				7	28	21			14			
	Weighted Mud Added	2,419						2,362				2,398		310	207		414					
- 0,110	Slurry Added	2,410						2,002				2,000		010	201		717					
721	Water Added								5				15	26	675							
721	Added for Washout								J				10	20	013							
10 110		2,419			_			2,446	260	133	66	2.508	127	449	1,105	21	469	56	60			_
10,119		2,419	-	-	-	-	-	2,446	200	133	00	2,306	127	449	1,105	21	409	36	60	-	-	-
-	Surface Losses																					
2,872													122	248	739	195	96	56	586	830		
887	Mud Loss to Cuttings							2	328	181			59	192	125							
781											65		15	11	15	675						
189	Centrifuge Losses							59	26		39		20	25	20							
4,729	Total Losses	-	-	-	-	-	-	61	354	181	104	-	216	476	899	870	96	56	586	830	-	-
4,180	Mud Transferred Out		2,140								2,040											
1,210	Ending System Volume	2,419	279	279	279	279	279	2,664	2,570	2,522	444	2,952	2,863	2,836	3,042	2,193	2,566	2,566	2,040	1,210	1,210	1,210
-	Mud Recovered																					
					omment	٠.						omment	c -						omment	· ·		
					Omment	<i>3.</i>						Omment	<i>3.</i>						Omment	J.		
	_	10/21/21	Transferre	d 2,419bls	from the H	O2 to the H	104.			Lost 328ble processing			ind 26bls to	centrifuge		11/4/21	195bls los hole.	st downhole	while bullh	neading fluid	d and stripp	oing out of
3,930		10/22/21	Transferre hole after			O4 to the H	O6. Left 27	9bls in		Lost 181ble clean.	s to mud o	n cuttings v	vhile drilling	and circula	ating hole	11/5/21	96bls lost	to hole fillir	ng backside	with kill m	ud.	
	1	10/23/21							10/30/21				dumped dur and cutting N			11/6/21	Lost 56bls	s downhole	to diesel ad	dded to dril	l water.	
		10/24/21							10/31/21							11/7/21	Lost 586b stripping o	ls to format out of hole.	ion while b	ackreaming	g, tripping, a	and
		10/25/21							11/1/21							11/8/21	Lost 830b	ls to format	ion during (casing run a	and cement	t job.
		10/26/21							11/2/21	310 BBLS	received fr	om mudpla	ant			11/9/21						
			Loot Oblo t	a mud an a	cuttings and	E0ble to or	ontrifuso w															