OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.0° 0' TVD

	NOLIA (OIL & C	GAS		TERS	ON		Block HINGTON	N		2/01/			2,828 ft			28 ft	t
	DIKE M	ILL H0	8 KL	Rig Name an	248			EXAS			2/01/	22		0 ft/hr		Run (ng
Report for Kevin I	Rurt/Ch	rie Ma	VOLLY	Report for	ol Pus	hor	Field / OCS-G #	DINGS		Fluid Type	• WBI	л	Circulatin	ng Rate O gpm	C	irculating Pr	essure OSİ	
Keviiii			RTY SPECIF			IICI		LUME (BB	11	-	PUMP			PUMP #2		RISER E		TFR
Weight	PV	YP	GELS	рН	API fl	% Solids	In Pits	•	3 bbl	Liner S		5.25	Liner S		25	Liner Size		
8.4-9.6	0-10	0-10	<5 <10	8.4-9	<25	2-10	In Hole		l bbl	Strok		12	Strok		2	Stroke		
0.4 0.0		0.0	10 110	2/2/22		2.0	Active		B bbl	bbl/s		0.0763	bbl/s		763	bbl/stk	0.0	0000
Time Sample 1	Гакеп			0:30			Storage			stk/m		0	stk/m		0	stk/min	0	,,,,,
Sample Location				pit			•	cation 101	4 bbl	gal/m		0	gal/m		0	gal/min		0
Flowline Temp		=		μ				PHHP = 0				CULATIO	_			n = 0.585	K = :	
Depth (ft)				2,828'			F	Bit Depth =	,	T		ashout =				Efficiency		
Mud Weight (p	nd)			9.2				Volume		0.0 b		Strokes			· ·	ime To Bi		
Funnel Vis (se			@ 67 °F	30			Drill String Disp.	Bottoms U		0.0 b		BottomsUp				nsUp Time		
600 rpm	C/qt/)			3			0.0 bbl	Riser Ani		0.0 b		Riser St				Circ. Time		
300 rpm				2			0.0 551	DRILLING					TORCS	s		CONTR		
200 rpm				1			Tubulars			(in.)	Leng		nn .	Unit		Screens		ours
100 rpm				1			Drill Pipe	, ,		276	0'	(Shakei		140		2.0
6 rpm				1			Hevi Wt			000	U	(Shakei		140		2.0
3 rpm				1			Dir. BHA			875)'	Shakei		140		2.0
Plastic Viscosi	ty (cp)		@ 120 °F	1			DII. BI IA	0.000	2.0	373		(Desand		140		2.0
Yield Point (lb/			T0 = 1	1				CASIN	IC & F	IOLE D	ΔΤΔ			Desilte				
Gel Strength (I		10	sec/10 min	1/1			Casing			(in.)	Dept	th To	nn.	Centrifu			1	2.0
Gel Strength (I			30 min	1			Riser	, ,	iD	(111.)	108		-			OUNTIN		
API Filtrate / C	•	ness	30 111111				Surface	10 3/4	a c	950	100	10)8'			Location		0.0
HTHP Filtrate			@ 0 °F				Int. Csg.	10 0/1	0.0	000		10				(+)/Out(-)		0.0
Retort Solids C		10111033		6.4%			Washout 1							Transic		\dded (+)		0.0
Retort Oil Cont				0.170			Washout 2									Added (+)		0.0
Retort Water C				93.6%				n Hole Size	14	.175	2,82	8'				Jsage (+)		3.3
Sand Content	, ontone			0.3%				NULAR GE								Added (+)		500.0
M.B.T. (Methyl	ene Blue	Capacity) (hph)	0.070												uttings (-)		-276.0
pH	One Blae	Сараску) (PPD)	7.0			annula section		eas. pth	veloc ft/mi	,	low E0	CD gal			Discharge		-213.4
Alkalinity, Mud	Pm																	
Alkalinities, Filt		f												Fst T	otal on	Location	1	013.9
Chlorides (mg/		-		760												ins (-)/(+)		0.0
Calcium (ppm)				280									-			AULICS		
Excess Lime (I													H	Bit H.S.I.	Bit Δ	1		32nds)
Average Speci		v of Solid	s	2.60	2.60	2.60								0.00	ps		14	<u> </u>
Percent Low G		•	-	6.3%									<u> </u>		Nozz		14	-
Percent Drill Se				6.3%										Bit Impact Force	Veloc (ft/se	ity	14	1
PPA Spurt / To)	@ 0 °F				BIT D	ATA	Ма	nuf./Typ	pe	Ulterra / F	PDC	0 lbs	0	´ · ·		+
Estimated Total	. ,		ppb				Size	Depth In		ours	Foota			Motor/M	1	Calc. Cire	L c. Pre	ssure
Sample Taken			11	N. Dilly			13 1/2	0 ft		3.0	2,828		3.5	psi			-	-
Remarks/Recor		ns:					Rig Activity:	<u> </u>						•				
Transfer 11			the Klondil	ce Rush F	106 KI													
			ano monuli	to itubii l	IOU INL		_											
Allocated: 7			casing on th	ne Klondil	ke Rush	HO6	2,828'. P soap/sap 100bls e	pick up dii Pretreated op addition very 1,000 clean. PO	freshv is to 2)' drille	vater w 2,500'. F ed. Pun	vith 1/2 Pumpo nped 2	2 drum of ed 30bls 2 tandem	soap soap/s 30bls	and 12sx sapp swe hi-vis Pl	k sapp. eps ev HPA sv	Continu ery 300 veeps at	e wit and TD a	h and

Patrick Blair Nick Dilly WH 1: MIDLAND WH 2: WH #2 Rig Phone: Daily Total Cumulative Cost Eng. 1: Eng. 2: Phone: 936-465-0952 Phone: 337-207-8848 Phone: 432-686-7361 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. G 1 р 0 C 0 \$4,168.64 g 1 A 1 \$4,168.64 Ρ S **INCLUDING 3RD PARTY CHARGES** \$4,168.64 \$4,168.64

Date 02/02/22		NOLIA OIL USAGE 8		Well Name a	ind No. DIKE MILL I	H08 KL	Rig Name and 24	8 Re	oort #1 JLATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84		84	42	42	\$1,967.28		2 \$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36		94	93	1	\$41.36		1 \$41.36
EVO-VIS	5 gal	\$192.33		53	53				
NEW GEL (PREMIUM)	100# sk	\$11.54		67	67				
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38		134	134				
CACL2 (50)	50# sk	\$14.32		336	336				
LIME (50)	50# sk	\$5.88		350	350				
OPTI - G	50# sk	\$32.44		140	140				
BENTONE 38 (50)	50# sk	\$152.93		55	55				
BENTONE 910 (50)	50# sk	\$55.55		51	51				
	50# sk			36	l				
BENTONE 990 (50)	-	\$88.61			-				
OPTI - MUL	gal	\$11.40		770	770				
OPTI - WET	gal	\$8.84		880	880				
NEW PHALT	50# sk	\$38.72		80	80				
OIL SORB (25)	25# sk	\$4.75		78	78				
NEW CARR (NA)	FO# -1	ØF 00		400	400			-	
NEW CARB (M)	50# sk	\$5.63		100	100				
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05		134	134				
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		80	80				
MICA F (50)	50# sk	\$10.38		40	40				
GRAPHITE POWDER F (50)	50# sk	\$25.59		64	64				
NEW WATE (SACK BARITE)	100# sk	\$10.73		80	80				
BARITE BULK (100)	100# sk	\$8.17		832	832				

		<u> </u>							<u></u>
OPTI DRILL (OBM)	bbl	\$75.00		1167	1167				
DISCOUNTED OBM	bbl	\$15.00							
									1
									+
									1
									1
	- 				+				+
									-
		A							
	each	\$1,050.00				2			2 \$2,100.00
ENGINEERING (24 HR)		\$30.00				2	\$60.00		2 \$60.00
ENGINEERING (DIEM)	bbl			i	1			I	İ
	bbl each	\$1.00			l l				_
ENGINEERING (DIEM)	-								
ENGINEERING (DIEM)	-								
ENGINEERING (DIEM)	-								
ENGINEERING (DIEM) ENGINEERING (MILES)	each	\$1.00							
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	each	\$1.00 \$15.00							
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each	\$1.00 \$15.00 \$2.48							
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each	\$1.00 \$15.00 \$2.48 \$812.50							
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each each each	\$1.00 \$15.00 \$2.48 \$812.50 \$12.50	ub-Total \$4						168.64

Date	Operator			Well Name a	nd No.		Rig Name an	d No.	Report No.	
02/02/22	MAGN	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	24	48	Repo	ort #1
	DAILY	USAGE 8	COST				•		CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95		7000	7000					
DIESEL 01-28-22	gal	\$2.98		7000	7000					
								i i		
<u> </u>										
							-			
ı										
	Cum	ulative Tota	al AES & 3rd	d Party \$4,	168.64					

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

2,734' TVD

10.6°

Operator MAG	NOLIA (OIL &	GAS	Contractor PA	TERSO)N	County / Parish /	Block HINGTOI		Engineer S	Start Date 2/01/2 2		hr ftg.	ft		Drilled D	epth 2,82	8 ft	
Well Name and No	DIKE M	ILL H	08 KL	Rig Name an	d No. 248		State TE	EXAS	\$	Spud Date	2/01/2:		irrent ROP	/hr		Activity Cir	cula	ating	
Report for				Report for			Field / OCS-G #		ı	Fluid Type	•	Cir	rculating Rate	9		Circulati		_	
Kevin	Burt/Ch	nris Ma	ayeux	То	ol Push	ner	GID	DINGS			OBM		481 (gpm	l	1	,533	psi	ı
	MUD	PROPE	RTY SPECIF	ICATION	S		MUD VO	LUME (BE	BL)	F	PUMP #1	l	PUM	P #2		RISE	R B	OOSTI	ER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	683	3 bbl	Liner S	Size !	5.25 L	iner Size	5.2	25	Liner	Size		
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	233	3 bbl	Strok	е	12	Stroke	1:	2	Stro	ke		
				2/3/22			Active	909	9 bbl	bbl/st	tk 0.	.0763	bbl/stk	0.07	763	bbl/s	stk	0.00	00
Time Sample	Taken			0:30			Storage	100	00 bbl	stk/m	in	73	stk/min	7	7	stk/r	nin		
Sample Locat	ion			pit			Tot. on Lo	cation 191	6 bbl	gal/m	in .	234	gal/min	24	17	gal/r	nin	0	
Flowline Temp	erature °F	=		77 °F				PHHP = 430	0		CIRCU	JLATION	DATA			n = 0.	667	K = 135	5.006
Depth (ft)				2,828'			Bit I	Depth = 2,7	755 '		Was	shout = 59	%	F	Pump	Efficie	ncy =	95%	
Mud Weight (բ	opg)			8.9			Drill String	Volume	e to Bit	46.1 b	obl s	Strokes To	Bit 60	14		Time T	o Bit	4 m	in
Funnel Vis (se	ec/qt)		@ 72 °F	44			Disp.	Bottoms U	Jp Vol.	180.1	bbl Bo	ttomsUp S	itks 2,3	60	Botto	msUp ⁻	Time	16 m	nin
600 rpm				27			28.3 bbl	Riser An	n. Vol.	-2.6 b	bl	Riser Strol	kes -3	4	Riser	Circ.	Time	0 m	in
300 rpm				17				DRILLIN	G ASS	EMBLY	DATA			S	OLIDS	CON	ITRO	L	
200 rpm				12			Tubulars	OD (in.)	ID ((in.)	Length	Тор		Unit		Scre	ens	Hou	irs
100 rpm				8			Drill Pipe	5.000	4.2	276	2,450'	0'	Sh	naker	1	14	0	9.0)
6 rpm				4			Hevi Wt	6.500	3.0	000	190'	2,450)' Sh	naker	2	14	0	9.0)
3 rpm				3			Dir. BHA	8.000	2.8	375	115'	2,640)' Sh	naker	3	14	0	9.0)
Plastic Viscos	ity (cp)		@ 150 °F	10								2,755	5' De	sand	er				
Yield Point (lb.	/100 ft²)		T0 = 2	7				CASIN	NG & H	OLE D	ATA		D	esilte	r				
Gel Strength (lb/100 ft²)	1	0 sec/10 min	4/5			Casing	OD (in.)	ID ((in.)	Depth	Тор	Cer	trifug	e 1				
Gel Strength (lb/100 ft ²)		30 min	6			Riser	20			108'		VC	LUM	E AC	COUN	ITING	(bbls	s)
HTHP Filtrate	(cm/30 mi	in)	@ 300 °F	10.8			Surface	10 3/4	9.9	950	2,812'	108'	Pr	ev. T	otal o	n Loca	ition	101	13.9
HTHP Cake T	hickness ((32nds)		1.0			Int. Csg.					108'	Tra	ansfe	rred Ir	n(+)/O	ut(-)	191	16.0
Retort Solids	Content			9%			Washout 1								Oil	Added	d (+)		0.0
Corrected Sol	ids (vol%)			6.9%			Washout 2							E	Barite	Added	d (+)		0.0
Retort Oil Con	tent			63%			Open	Hole Size	10.3	369	2,828'		Oth	er Pro	oduct	Usage	e (+)		0.0
Retort Water (Content			28%			ANI	NULAR GE	EOMET	TRY & F	RHEOLO	OGY		٧	Vater	Added	d (+)		
O/W Ratio				69:31			annular	r me	eas.	veloc	ity flov	w ECD	,	Lef	ft on C	utting	s (-)		0.0
Whole Mud C	hlorides (n	ng/L)		54,000			section		epth	ft/mi	-			Sand	Trap	Discha	arge	-101	13.5
Water Phase	Salinity (pp	pm)		232,196			0x5	1	08'	-471.	.3	8.90							
Whole Mud Al	kalinity, Po	om		2.0			9.95x5	2,4	450'	159.	2 lan	n 9.03		Est. To	otal o	n Loca	ition	191	16.4
Excess Lime (lb/bbl)			2.6 ppb			9.95x6.	5 2,6	640'	207.	6 lan	n 9.04	Est	. Loss	ses/Ga	ains (-	-)/(+)		0.0
Electrical Stab	ility (volts))		352 v			9.95x8	2,7	755'	336.	6 tur	b 9.07		BIT I	HYDR	AULI	CS D	ATA	
Average Spec	ific Gravity	y of Soli	ds	2.52			1						Bit H	.S.I.	Bit .	ΔΡ	Nozzl	es (32r	nds)
Percent Low 0	Gravity Sol	lids		6.2%			1						0.3	31	85	psi	14	14	14
ppb Low Grav	ity Solids			51 ppb			1						Bit Im	pact	Noz		14	14	14
Percent Barite	!			0.7%			1						For		Velo (ft/s		16	16	16
ppb Barite				10 ppb			BIT D	ATA	Mai	nuf./Typ	oe UI	terra / PD	C 229	lbs	10	3			
Estimated Tot	al LCM in	System	ppb				Size	Depth In	Но	urs	Footage	ROP ft	/hr Mot	or/MV	WD	Calc.	Circ.	Press	sure
Sample Taker	п Ву			N. Dilly	0	0	9 7/8	2,828 ft	0.	.0	0 ft	#DIV/0	0! 8:	20 ps	si		1,179	psi	

Remarks/Recommendations:

Transfer 1167bls OBM from the Klondike Rush HO6 KL

Allocated: 1916bls OBM

Left 262bls 9.0ppg OBM in casing on the Klondike Rush HO6

Received 749bls 8.0ppg OBM from mud plant.

Rig Activity:

Finish surface casing run to 2,812' and cement same. Nipple up and test BOPs. Finish rigging up flowline and rig floor. Dumped and cleaned out pits in preparation for OBM. Inspected and changed bad shaker screens/deck rubbers. Filled pits with 8.8ppg OBM. Pre-treating pits with OptiMul, OptiWet, CaCl, Lime, OptiG, & Bentone 910/990 anticipating increased water phase from pre-loaded mud in casing post cement job and high drill rates. Picked up directional tools and TIH to 2,733'. Currently circulating B/U in preparation for drill out and FIT.

	ng. 1:		Beasle	•		ng. 2:		ck Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
-	P 0	 	17-537 C 0		G 1	H 2	0 1	carefully	and may be	432-686-7361 commendation, exprused if the user so extion, and this is a red	lects, however, n	no representation		\$2,160.00	\$6,328.64
								•	•		INCLUDI	NG 3RD PAR	TY CHARGES	\$2,160.00	\$6,328.64

Date 02/03/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	ind No. DIKE MILL I	H08 KL	Rig Name and		eport No. Repo	ort #2
	J	USAGE 8								LATIVE
11			Previous	B i d	Closing	Daily	Daile Card		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost		Usage	Cum Cost
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	42 93		42 93				42 1	\$1,967.28 \$41.36
EVO-VIS	5 gal	\$192.33	53		53				•	Ψ1.50
NEW GEL (PREMIUM)	100# sk	\$11.54	67		67					
ALUMINUM TRISTEARATE	25# sk	\$81.16			-					
SODA ASH (50)	50# sk	\$11.38	134		134					
(11)										
CACL2 (50)	50# sk	\$14.32	336		336					
LIME (50)	50# sk	\$5.88	350		350					
OPTI - G	50# sk	\$32.44	140		140					
BENTONE 38 (50)	50# sk	\$152.93	55		55					
BENTONE 910 (50)	50# sk	\$55.55	51		51					
BENTONE 990 (50)	50# sk	\$88.61	36		36					
OPTI - MUL	gal	\$11.40	770		770					
OPTI - WET	gal	\$8.84	880		880					
NEW PHALT	50# sk	\$38.72	80		80					
OIL SORB (25)	25# sk	\$4.75	78		78					
						_				
NEW CARB (M)	50# sk	\$5.63	100		100					
CYBERSEAL	25# sk	\$24.40								
MAGMAFIBER F (25)	25# sk	\$28.05	134		134					
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	80		80					
MICA F (50)	50# sk	\$10.38	40		40					
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64					
NEW WATE (SACK BADITE)	100# sk	\$10.73	80		80					
NEW WATE (SACK BARITE) BARITE BULK (100)	100# sk	\$8.17	832		832					
BARTTE BOLK (100)	100# SK	φ0.17	032		032					
ODTI DDILL (ODM)		\$75.00	440-	749	4046			<u> </u>		
OPTI DRILL (OBM)	bbl	\$75.00	1167	749	1916					
DISCOUNTED OBM	bbl	\$15.00								
		7.0.00								
								-		
ENCINEEDING (04 UP)		£4.050.00					to 400 00	_		Ø4 000 00
ENGINEERING (24 HR)	each	\$1,050.00				2				\$4,200.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00		4	\$120.00
ENGINEERING (MILES)	each	\$1.00						-		
Scale Ticket	each	\$15.00								
		\$2.48	i — <u>—</u>]						
TRUCKING (cwt)	each									
TRUCKING (cwt) TRUCKING (min)	each each	\$812.50								
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$812.50 \$12.50								
TRUCKING (cwt) TRUCKING (min)	each	\$812.50								

Date	Operator			Well Name a	ind No.		Rig Name an	id No.	Report No.	
02/03/22	MAG	NOLIA OIL	& GAS	KLOND	IKE MILL	H08 KL	24	48	Repo	rt #2
							<u> </u>			
	DAILY	USAGE 8	COST						CUMUL	ATIVE
							1		<u> </u>	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
						Usage			Usage	
DIESEL 01-28-22	gal	\$2.95	7000		7000					
DIESEL 01-28-22	gal	\$2.98	7000		7000					
							İ			
1										
	Cum	ulative Tota	al AES & 3rd	d Party \$6,	328.64					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS 248

Well Name:

KLONDIKE MILL H08 KL

OO TOO OTTOE T	LOID GOLOTIONO LLO.				,,,,,,	OITIII										ı						
					WEEK 1				1			WEEK 2				I			WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22		2/15/22	2/16/22	2/17/22	2/18/22	2/19/22			2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8																				
Grand	Starting Depth	2,828	2,828																			
Totals	Ending Depth	2,828																				
-	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916
-	Chemical Additions																					
-	Base Fluid Added																					
1 016	Barite Increase	1,916							-													
1,916	Weighted Mud Added Slurry Added	1,916							ł													
	Water Added																					
-	Added for Washout																					
1,916	Total Additions	1,916	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
· -	Surface Losses	e Losses																				
-	Formation Loss	nation Loss																				
-	Mud Loss to Cuttings	d Loss to Cuttings																				
-		ecoverable Volume																				
-	Centrifuge Losses																					
-	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,916	Ending System Volume	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916	1,916
-	Mud Recovered																					
	•			C	omment	s:					С	omment	ts:					С	omment	s:		
		2/3/22	Transfer 1 from mud		M from pre	vious well a	and receiv	ed 749bls	2/10/22							2/17/22						
1,916		2/4/22							2/11/22							2/18/22						
	1	2/5/22							2/12/22							2/19/22						
		2/6/22							2/13/22							2/20/22						
		2/7/22							2/14/22							2/21/22						
		2/8/22							2/15/22							2/22/22						
		2/9/22							2/16/22							2/23/22						

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

2.2° 9,178' TVD

	NOLIA (OIL & G	BAS		TTERSO	ON		Block	N	_	art Date 2/01/22	24 hr	6,387 ft	:		9,21	5 ft	
Well Name and No. KLON Report for	DIKE M	ILL HO	8 KL	Rig Name an	248		State TI Field / OCS-G #	EXAS		Spud Date 02 Fluid Type	2/01/22		ent ROP 480 ft/h lating Rate		Activity	Dril	_	
Brandon	Parks /	/ Jim H	arrison		ol Pusi	ner		DINGS			ОВМ	Circu	833 gpn	n		5,150		si
2.4			RTY SPECIF					LUME (BE	3L)		JMP #1		PUMP #2			ER B	-	
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits		0 bbl	Liner Siz		25 Line		.25	Liner			
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole		8 bbl	Stroke				12	Stro	oke		
-				2/4/22		2/3/22	Active	153	38 bbl	bbl/stk	0.0	763 bi	ol/stk 0.0	763	bbl/	/stk	0.00	000
Time Sample	Taken			0:30		12:00	Storage	· <u>33</u>	8 bbl	stk/mir	ո 1:	30 st	k/min 1	30	stk/	min		
Sample Locati	on			pit		pit	Tot. on Lo	cation 187	76 bbl	gal/mir	ո 4՝	17 ga	al/min 4	.17	gal/	min	(0
Flowline Temp	erature °l	 F		141 °F		80 °F		PHHP = 250	04		CIRCUL	ATION D	ATA		n = 0	.621	K = 27	74.974
Depth (ft)				9,215'		5,251'	Bit I	Depth = 9,2	215 '		Wash	out = 5%		Pump	Effici	ency :	= 95%	6
Mud Weight (p	ppg)			9.6		9.0	Daill Otain a	Volume	e to Bit	160.8 b	bl St	rokes To B	it 2,108		Time ⁻	To Bit	8 n	nin
Funnel Vis (se	c/qt)		@ 135 °F	57		60	Drill String Disp.	Bottoms l	Jp Vol.	697.5 b	bl Bott	omsUp Stk	s 9,140	Botto	msUp	Time	35 ו	min
600 rpm	.,			40		42	70.5 bbl	Riser Ar				iser Stroke	s -34	Rise	r Circ.	Time	0 n	min
300 rpm				26		27		DRILLIN	G ASS	SEMBLY	DATA			SOLID	s col	NTRO	L	
200 rpm				21		23	Tubulars	OD (in.)	ID	(in.)	Length	Тор	Unit	:	Scre	ens	Но	urs
100 rpm				17		15	Drill Pipe	5.000	4.	276	8,910'	0'	Shake	r 1	14	10	22	2.0
6 rpm				8		7	Hevi Wt	6.500	3.	000	190'	8,910'	Shake	r 2	14	10	22	2.0
3 rpm				7		6	Dir. BHA	8.000	2.	875	115'	9,100'	Shake	r 3	14	10	22	2.0
Plastic Viscosi	ity (cp)		@ 150 °F	14		15						9,215'	Desan	der				
Yield Point (lb/	/100 ft²)		T0 = 6	12		12		CASI	NG & I	HOLE DA	TA		Desilt	er				ļ
Gel Strength (lb/100 ft²)	10	sec/10 min	8/10		8/12	Casing	OD (in.)	ID	(in.)	Depth	Тор	Centrifu	ge 1			0.	.0
Gel Strength (lb/100 ft ²)		30 min	11		16	Riser	20			108'		VOLUI	ME AC	COU	NTING	(bbl	ls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	9.0		8.0	Surface	10 3/4	9.	950	2,812'	108'	Prev.	Total o	n Loc	ation	19	916.4
HTHP Cake T	hickness	(32nds)		2.0		1.0	Int. Csg.					108'	Transf	erred I	n(+)/C	Out(-)	2	264.0
Retort Solids (Content			12%		10%	Washout 1							Oil	Adde	d (+)	2	221.4
Corrected Soli	ds (vol%)			9.3%		7.3%	Washout 2							Barite	Adde	d (+)		25.2
Retort Oil Con	tent			60.6%		62%	Oper	n Hole Size	10	.369	9,215'		Other P	roduct	Usag	e (+)		34.9
Retort Water (Content			27.4%		28%	AN	NULAR G	ЕОМЕ	TRY & RI	HEOLOG	¥Υ		Water	Adde	d (+)		1.5
O/W Ratio				69:31		69:31	annula	r m	eas.	velocit	y flow	ECD	Le	eft on (Cutting	gs (-)	-5	587.0
Whole Mud Cl	nlorides (r	ng/L)		67,000		68,000	section	n de	epth	ft/min	reg	lb/gal	Non-Re	covera	ble Vo	ol. (-)		
Water Phase \$	Salinity (p	pm)		277,162		275,793	0x5	1	08'	-817.0)	10.00			Centr	ifuge		
Whole Mud Al	kalinity, P	om		2.8		3.5	9.95x5	2,	812'	276.0	turb	10.24	Est.	Total o	n Loc	ation	18	876.4
Excess Lime (lb/bbl)			3.6 ppb		4.6 ppb	10.369x	5 8,	910'	247.5	lam	10.36	Est. Los	ses/G	ains (-)/(+)		0.0
Electrical Stab	ility (volts)		494 v		620 v	10.369x6	S.5 9,	100'	312.9	turb	10.75	BIT	HYDF	RAULI	CS D	ATA	
Average Spec	ific Gravit	y of Solid	S	2.84		2.37	10.369x	:8 9,	215'	469.3	turb	11.16	Bit H.S.I.	Bit	ΔΡ	Nozz	les (32	2nds)
Percent Low C	Gravity So	lids		6.7%		7.2%							1.75	276	psi	14	14	14
ppb Low Grav	ity Solids			55 ppb		59 ppb							Bit Impact		zzle ocity	14	14	14
Percent Barite				2.6%		0.1%							Force		sec)	16	16	16
ppb Barite				37 ppb		1 ppb	BIT D	ATA	Ma	anuf./Type	e Ulte	erra / PDC	743 lbs	17	79			
Estimated Total	al LCM in	System	ppb				Size	Depth In	Н	ours F	ootage	ROP ft/h	r Motor/W	IWD	Calc	. Circ	Pres	sure
Sample Taker	Ву			N. Dilly	0	C. Beasley	9 7/8	2,828 ft	2	2.0	6,387 ft	290.3	3,039	psi		5,22	l psi	
Remarks/Reco	mmendatio	ns:					Rig Activity:]

Transfered 1167bls OBM from the Klondike Rush HO6 KL.

Allocated: 2180bls OBM

Received 264bls 8.0ppg OBM from mud plant.

Ordered 1000bls of 8.8ppg OBM from mud plant.

Drill out cement/float equipment and 10' of new formation to 2,838'. Condition and circulate mud. Perform FIT with 9.0ppg to 11.6ppg emw (PSI 377). Drilling/sliding ahead at 9,215'. Pumping 10bls hi-vis sweeps every 300'. Casing psi 0, Rotating Torque 13-19k, Rotating ROP 480 FT/HR.

1	Eng. 1:	. (Chris E	Beasle	y	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	hone	9	903-74	7-537	7	Pł	hone:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W	P 0	Y 1	E 0	C 1	g 1	G 1	H 2	O 1	carefully	and may be	commendation, expused if the user so ention, and this is a red	lects, however, n	o representation		\$44,479.25	\$50,807.89
Ľ									validity of	uns miorna	ilion, and inis is a rec		•	TY CHARGES	\$70.016.45	\$76.345.09

Date 02/04/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	IKE MILL I	108 KL	Rig Name and N 248		ort #3
	DAILY	USAGE 8	COST	I.					ILATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
SAPP (50)	50# sk	\$46.84	Inventory 42		Inventory 42	Usage		Usage 43	
PHPA LIQUID (pail)	5 gal	\$41.36	93		93				1 \$41.36
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	67		67				
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	336	224	392	168	\$2,405.76	168	3 \$2,405.7
LIME (50)	50# sk	\$5.88	350	250	450	150	\$882.00	150	\$882.0
OPTI - G	50# sk	\$32.44	140	200	250	90	\$2,919.60	90	\$2,919.6
BENTONE 38 (50)	50# sk	\$152.93	55		55				
BENTONE 910 (50)	50# sk	\$55.55	51		40	11	\$611.05	1	1 \$611.0
BENTONE 990 (50)	50# sk	\$88.61	36		26	10	\$886.10	10	\$886.10
OPTI - MUL	gal	\$11.40	770	440	880	330	\$3,762.00	330	\$3,762.0
OPTI - WET	gal	\$8.84	880		550	330	\$2,917.20	330	\$2,917.2
NEW PHALT	50# sk	\$38.72	80	160	230	10	\$387.20	10	\$387.20
OIL SORB (25)	25# sk	\$4.75	78		78				
									1
NEW CARB (M)	50# sk	\$5.63	100		100				1
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	134		134				
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	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	832	880	1350	362	\$2,957.54	362	2 \$2,957.54
									1
									1
OPTI DRILL (OBM)	bbl	\$75.00	1916	264	1876	304	\$22,800.00	30-	4 \$22,800.00
DISCOUNTED OBM	bbl	\$15.00							
		i –	<u> </u>						1
					ļ	l.		1	
ENGINEERING (24 HR)	each	\$1,050.00				2	\$2,100.00		6 \$6,300.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)	bbl	\$30.00				2	\$60.00		5 \$180.00
ENGINEERING (DIEM)									5 \$180.0
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl	\$30.00				2	\$60.00		5 \$180.0
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00				2	\$60.00 \$275.00	27:	\$180.00 5 \$275.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each	\$30.00 \$1.00 \$15.00 \$2.48				2 275	\$60.00 \$275.00	27:	5 \$180.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50				275	\$60.00 \$275.00 \$1,140.80	27:	6 \$180.00 5 \$275.00 0 \$1,140.80
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each	\$30.00 \$1.00 \$15.00 \$2.48				2 275	\$60.00 \$275.00 \$1,140.80 \$187.50	27:	6 \$180.00 5 \$275.00 0 \$1,140.80 5 \$187.50

Date	Operator		1	Well Name a	nd No		Rig Name an	d No	Report No.	1
02/04/22		NOLIA OIL			IKE MILL		24		Repo	rt #3
02/04/22	WAGI	OLIA OIL	& GAS	KLOND	TRE WILL	HUO KL	24	10	Керс	11 #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 01-28-22	gal	\$2.95	7000			7000	\$20,650.00	-	7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98	7000		5360	1640	\$4,887.20	-	1640	\$4,887.20
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		<u> </u>	<u> </u>		Daily Su	b-Total \$2	5,537.20	Ī	\$25,5	37.20
					, J u	V 2-	,	Ĺ	Ţ_0,0	
				_						
	Cumi	ulative Tota	I AES & 3rd	Party \$76,	345.09					
•										

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: KLOI

KLONDIKE MILL H08 KL

					WEEK 1				1			WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22		2/15/22	2/16/22	2/17/22	2/18/22	2/19/22		2/21/22	2/22/22	2/23/22
	Date	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Z/10/22 Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	Jai	Juli	WIOII	Tue	weu	IIIu	- "	Jai	Juli	IVIOII	Tue	vveu	IIIu		Jai	Juli	IVIOII	Tue	weu
Grand	Starting Depth	2,828	2,828	9,215																		
				3,213																		
Totals	Ending Depth	2,828	9,215																			
	Footage Drilled	-	6,387	-	-	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
605	New Hole Vol.	-	605	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876
	Chemical Additions		35																			
	Base Fluid Added		221																			
	Barite Increase		25																			
	Weighted Mud Added	1,916	264																			
-	Slurry Added																					
	Water Added		2																			
-	Added for Washout																					
2,463	Total Additions	1,916	547		-	-	-		-	-	-	-	-		-	-		-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
587	Mud Loss to Cuttings		587																			
-	Unrecoverable Volume																					
-	Centrifuge Losses																					
587	Total Losses	-	587	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,876	Ending System Volume	1,916	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876	1,876
-	Mud Recovered																					
			•		omment	c ·				•		omment	te.	•	•				omment	c.		
					Omment	<i>3.</i>			-			Omment							Omment	<u>. </u>		
			Transfer 1 from mud	167bls OBI plant.	M from pre	vious well a	and receive	ed 749bls	2/10/22							2/17/22						
2,180		2/4/22	Lost 587b	ls to mud o	n cuttings v	vhile drillin	g.		2/11/22							2/18/22						
	4	2/5/22							2/12/22							2/19/22						
		2/6/22							2/13/22							2/20/22						
		2/7/22							2/14/22							2/21/22						
		2/8/22							2/15/22							2/22/22						
		2/9/22							2/16/22							2/23/22						

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0' TVD

0.0°

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 02/01/22 1,015 ft 10,230 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr **Run Casing Brandon Parks / Jim Harrison Tool Pusher GIDDINGS** OBM 0 gpm psi MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER Weight PV CaCl2 **GELS** HTHP In Pits 597 bbl Liner Size 5.25 Liner Size Liner Size 1035 bbl 15-17 ±275K <10 <15 In Hole 12 Stroke 12 20-40 8-20 >500 Stroke Stroke 2/5/22 2/4/22 Active 597 bbl bbl/stk 0.0763 bbl/stk 0.0763 bbl/stk 0.0000 Time Sample Taken 0:30 12:00 Storage 253 bbl stk/min O stk/min 0 stk/min Tot. on Location 1885 bbl Sample Location pit pit gal/min 0 gal/min 0 gal/min 0 Flowline Temperature °F 142 °F PHHP = 0 CIRCULATION DATA n = 0.621 K = 274.974 9.969 Bit Depth = ' Depth (ft) 10.230 Pump Efficiency = 95% Washout = 5%Mud Weight (ppg) 9.7 9.7 Volume to Bit 0.0 bbl Strokes To Bit Time To Bit **Drill String** Disp. @ 94 °F 55 56 0.0 bbl Funnel Vis (sec/qt) Bottoms Up Vol. BottomsUp Stks BottomsUp Time 600 rpm 40 39 0.0 bbl Riser Ann. Vol. 0.0 bbl Riser Strokes Riser Circ. Time 300 rpm 26 25 DRILLING ASSEMBLY DATA **SOLIDS CONTROL** 19 19 Tubulars OD (in.) ID (in.) Unit Screens 200 rpm Length Top Hours 100 rpm 16 15 Drill Pipe 5.000 4.276 0' 0' Shaker 1 140 11.0 6 rpm 8 7 Hevi Wt 6.500 3.000 0' Shaker 2 140 11.0 7 6 2.875 0' Shaker 3 140 3 rpm Dir. BHA 8.000 11.0 14 @ 150 °F 14 0' Plastic Viscosity (cp) Desander 12 11 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = 10 sec/10 min 7/9 7/9 OD (in.) ID (in.) Centrifuge 1 0.0 Gel Strength (lb/100 ft2) Top Casing Depth 30 mir 10 11 108' **VOLUME ACCOUNTING (bbls)** Gel Strength (lb/100 ft²) @ 300 °F 8.4 10 3/4 2,812' HTHP Filtrate (cm/30 min) 7.6 Surface 9.950 108 Prev. Total on Location 2.0 2.0 Int. Csg 108 HTHP Cake Thickness (32nds) Transferred In(+)/Out(-) Retort Solids Content 12% 13% Washout 1 Oil Added (+) 119.0 Corrected Solids (vol%) 9.3% 10.4% Washout 2 Barite Added (+) 13.9 Retort Oil Content 61.6% 62% Open Hole Size 10.369 10.230 Other Product Usage (+) 3.0 **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 26.4% 25% Water Added (+) 71:29 O/W Ratio 70:30 Left on Cuttings (-) -127.2 annular meas. velocity flow ECD section depth ft/min reg lb/gal Whole Mud Chlorides (ma/L) 67,000 64,000 Non-Recoverable Vol. (-) -0.2 284,672 286,443 Centrifuge Water Phase Salinity (ppm) 2.5 Whole Mud Alkalinity, Pom 2.9 Est. Total on Location 1884.8 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 3.8 ppb 3.3 ppb Electrical Stability (volts) 463 v 480 v **BIT HYDRAULICS DATA** Average Specific Gravity of Solids 2 99 2 81 Bit H.S.I. Bit ∆P Nozzles (32nds) 7 7% Percent Low Gravity Solids 5.9% ppb Low Gravity Solids 48 ppb 63 ppb Nozzle Bit Impac Velocity Force 2.7% 3.4% Percent Barite (ft/sec) BIT DATA Manuf./Type Ulterra / PDC 49 ppb 39 ppb ppb Barite Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure ppb Sample Taken By 2,828 ft 7,402 ft 238.8

Remarks/Recommendations:

Transfered 1167bls OBM from the Klondike Rush HO6 KL.

Allocated: 1876bls OBM

Ordered 1000bls of 8.8ppg OBM from mud plant.

Rig Activity:

Drill ahead to 10,230' TD (KOP 9,735', 22 degrees at TD). Weighed up to 9.7ppg by TD. Pumped 2x30bls hi-vis sweeps at TD and circulate clean. No downhole losses. Treated mud with maintenance amounts of OptiMul, OptiWet, & Lime. POOH and lay down directional tools. Rigging up 7 5/8" casing tools at report time.

	Eng. 1	: (Chris I	Beasle	y	Er	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
	Phone	: 9	903-74	17-537	7	Pł	none:	337-2	207-8848	Phone:	432-686-7361	Phone:	-			
W	' P	Y	E	C	g	G	Н	0	carefully	and may be	commendation, expused if the user so	elects, however, n	o representation		\$8,540.80	\$61,614.34
U	U	ı	U	- 1	ı	ı		ı	validity o	f this informa	ition, and this is a re	ecommendation or	nly.			
												INCLUDI	NG 3RD PAR	TY CHARGES	\$22,117.68	\$100,728.42

Date 02/05/22	Operator MAG	NOLIA OIL	& GAS	Well Name a	ind No. DIKE MILL I	H08 KL	Rig Name and No. 248	Report No.	ort #4
	DAILY	USAGE 8	COST	·					LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cost
SAPP (50)	50# sk	\$46.84	Inventory 42		Inventory 42	Usage	-	Usage 42	
PHPA LIQUID (pail)	5 gal	\$41.36	93		93			1	
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	67		67				
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392		0004.00	-	\$2,405.76
LIME (50) OPTI - G	50# sk	\$5.88 \$32.44	450 250		400 250	50	\$294.00	200	<u> </u>
BENTONE 38 (50)	50# sk	\$152.93	55		55			90	\$2,919.00
BENTONE 910 (50)	50# sk	\$55.55	40		40			11	\$611.05
BENTONE 990 (50)	50# sk	\$88.61	26		26			10	
OPTI - MUL	gal	\$11.40	880		660	220	\$2,508.00	550	\$6,270.00
OPTI - WET	gal	\$8.84	550		330	220	\$1,944.80	550	\$4,862.00
NEW PHALT	50# sk	\$38.72	230		230			10	\$387.20
OIL SORB (25)	25# sk	\$4.75	78		78				
NEW CARB (M)	50# sk	\$5.63	100		100				
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	134		134				
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL	50# sk	\$26.50							
FIBER PLUG	30# sk	\$30.37	00		00				
NUT PLUG M (50) MICA F (50)	50# sk	\$10.51 \$10.38	80 40		80 40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
CIVILITE FOWELKT (50)	30# 3K	Ψ20.00	0-7		0-1				
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1350		1150	200	\$1,634.00	567	\$4,632.39
								 	
OPTI DRILL (OBM)	bbl	\$75.00	1876		1876			304	\$22,800.00
· · · · · · · · · · · · · · · · · · ·									
DISCOUNTED OBM	bbl	\$15.00							
						-			
									1
								<u> </u>	
								<u> </u>	
ENGINEERING (24 HR)	each	\$1,050.00				2			\$8,400.00
	bbl	\$30.00				2	\$60.00	8	
ENGINEERING (DIEM)		\$1.00						275	\$275.00
	each	ψσσ					i l	1	1
ENGINEERING (DIEM)	each	\$1100							
ENGINEERING (DIEM) ENGINEERING (MILES)								2	\$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	each each each	\$15.00						2 1345	
ENGINEERING (DIEM) ENGINEERING (MILES)	each								
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each each	\$15.00 \$2.48							\$3,335.60
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each	\$15.00 \$2.48 \$812.50						1345	\$3,335.60 \$187.50

Date	Operator			Well Name a	nd No.		Rig Name ar	nd No.	Report No.	
02/05/22	MAG	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	ort #4
	DAILY	USAGE 8	COST						CUMUI	ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98	5360		804	4556	\$13,576.88		6196	\$18,464.08
DIESEL 02-4-22	gal	\$3.13		7200	7200					
DIESEL 02-4-22	gal	\$3.13		7200	7200					
	+									
	-									
	+									
					Daily Su	ıb-Total \$1	3,576.88		\$39,1	14.08
			.=c :							
	Cumu	lative Total	AES & 3rd	Party \$100	,728.42					
						-				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: KLOI

KLONDIKE MILL H08 KL

	LOID GOLOTIONO LLO.	Addoctrinto														1						
					WEEK 1				I			WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22		2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8																		
Grand	Starting Depth	2,828	2,828	9,215	10,230																	
Totals	Ending Depth	2,828	9,215	10,230																		
7,402	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	-	605	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885
	Chemical Additions		35	3																		
340	Base Fluid Added		221	119																		
40	Barite Increase		26																			
2,180	Weighted Mud Added	1,916	264																			
-	Slurry Added																					
1	Water Added		1																			
-	Added for Washout																					
2,599	Total Additions	1,916	547	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
714	Mud Loss to Cuttings		587	127																		
-	Unrecoverable Volume																					
•	Centrifuge Losses																					
714	Total Losses	-	587	127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,885	Ending System Volume	1,916	1,876	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885	1,885
-	Mud Recovered																					
				-	omment	s:					С	omment	s:					С	omment	s:		
		2/3/22			M from pre	vious well a	and receive	ed 749bls	2/10/22							2/17/22						
	7		from mud	ріапі.																		
2,180		2/4/22	Lost 587b	ls to mud o	n cuttings v	while drilling	g.		2/11/22							2/18/22						
		2/5/22	Lost 127b	ls to mud o	n cuttings v	while drilling	g.		2/12/22							2/19/22						
		2/6/22							2/13/22							2/20/22						
		2/7/22							2/14/22				2/21/22									
		2/8/22							2/15/22							2/22/22						
		2/9/22							2/16/22							2/23/22						
		£131 ££							2/10/22							2123122						

0' TVD

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0.0°

Operator MAG Well Name and No	NOLIA (OIL &	GAS	Contractor PA Rig Name an	TTERSO	ON	County / Parish / WASH	Block	N	Engineer	02/0 ⁻		24 hr ft	0 ft		Drilled [30 ft
	DIKE M	ILL H	08 KL	rtig rtaine ai	248			EXAS			02/0 ⁻	1/22	Ourien	0 ft/hr	ľ	•	ple	Down
Report for				Report for			Field / OCS-G #			Fluid Typ	ре		Circulat	ting Rate		Circulat	ing Pres	sure
Brandon	Parks /	/ Jim I	Harrison	To	ol Push	ner	GID	DINGS			ОВ	М		0 gpm			р	si
	MUD	PROPE	ERTY SPECIF	ICATION	S	ı	MUD VO	LUME (BI	3L)		PUMI	P #1		PUMP #2		RIS	ER B	OOSTER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	66	0 bbl	Liner	Size	5.25	Liner	Size 5.	25	Liner	Size	
15-17	20-40	8-20	>500	±275K	<10 <15	<6	In Hole	46	4 bbl	Stro	ke	12	Stro	oke 1	2	Stro	ke	
				2/6/22		2/5/22	Active	66	0 bbl	bbl/	stk	0.0763	bbl/	stk 0.0	763	bbl/	stk	0.0000
Time Sample	Taken			0:30		12:00	Storage	113	39 bbl	stk/r	min	0	stk/	min (0	stk/ı	min	
Sample Locat	ion			pit		pit	Tot. on Lo	cation 226	3 bbl	gal/r	min	0	gal/	min (0	gal/ı	min	0
Flowline Tem	perature °I	F						PHHP = 0)		CII	RCULATIO	ON DA	TA		n = 0	.613	K = 189.592
Depth (ft)				10,230'		10,230'	Е	Bit Depth =	: '		١	Washout =	5%		Pump	Efficie	ency =	- 95%
Mud Weight (ppg)			8.9		9.7	Drill String	Volum	e to Bit	0.0	bbl	Strokes	To Bit		-	Time 1	o Bit	
Funnel Vis (se	ec/qt)		@ 73 °F	51		55	Disp.	Bottoms I	Jp Vol.	0.0	bbl	BottomsU	p Stks		Bottor	msUp	Time	
600 rpm				26		40	0.0 bbl	Riser Ar	nn. Vol.	0.0	bbl	Riser S	trokes		Riser	Circ.	Time	
300 rpm				17		26		DRILLIN	G ASS	SEMBL	Y DA	TA		s	OLIDS	000	ITRO	L
200 rpm				15		19	Tubulars	OD (in.)	ID	(in.)	Len	gth T	ор	Unit		Scre	ens	Hours
100 rpm				10		15	Drill Pipe	5.000	4.	.276	C)'	0'	Shaker	1	14	0	17.0
6 rpm				6		7	Hevi Wt	6.500	3.	.000			0'	Shaker	2	14	0	17.0
3 rpm				5		6	Dir. BHA	8.000	2.	.875			0'	Shaker	. 3	14	0	17.0
Plastic Viscos	sity (cp)		@ 150 °F	9		14							0'	Desand	ler			
Yield Point (lb	/100 ft²)		T0 = 4	8		12		CASI	NG & I	HOLE I	DATA			Desilte	er			
Gel Strength ((lb/100 ft²)	1	0 sec/10 min	6/7		7/9	Casing	OD (in.)	ID	(in.)	De	pth T	ор	Centrifug	ge 1			6.0
Gel Strength ((lb/100 ft ²)		30 min	8		10	Riser	20			10	18'		VOLUM	IE AC	COU	ITING	(bbls)
HTHP Filtrate	(cm/30 m	in)	@ 300 °F	8.4		7.6	Surface	10 3/4	9.	.950	2,8	12' 1	08'	Prev. T	otal or	n Loca	ation	1884.8
HTHP Cake T	hickness	(32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	.875	10,2	220' 1	08'	Transfe	erred Ir	n(+)/C	ut(-)	419.0
Retort Solids	Content			9%		12%	Washout 1								Oil	Adde	d (+)	32.4
Corrected Sol	ids (vol%)			6.8%		9.3%	Washout 2								Barite	Adde	d (+)	0.0
Retort Oil Cor	ntent			70%		61.6%	Oper	Hole Size	e 0.	.000	10,2	230'		Other Pr	oduct	Usag	e (+)	0.0
Retort Water	Content			21%		26.4%	AN	NULAR G	EOME	TRY &	RHE	DLOGY		,	Water	Adde	d (+)	
O/W Ratio				77:23		70:30	annulai	r m	eas.	velo	city	flow E	CD	Le	ft on C	utting	ıs (-)	0.0
Whole Mud C	hlorides (r	ng/L)		53,000		67,200	section		epth	ft/m			/gal	Non-Rec	overal	ole Vo	ol. (-)	-24.9
Water Phase	Salinity (p	pm)		283,542		285,280		<u> </u>				II.			(Centri	fuge	-48.0
Whole Mud A	lkalinity, P	om		2.1		2.7								Est. T	otal or	n Loca	ation	2263.3
Excess Lime	(lb/bbl)			2.7 ppb		3.5 ppb								Est. Los	ses/Ga	ains (-)/(+)	0.0
Electrical Stat	oility (volts)		463 v		471 v								BIT	HYDR	AULI	CS D	ATA
Average Spec	cific Gravit	y of Soli	ids	2.73		2.98								Bit H.S.I.	Bit A	ΔΡ	Nozz	les (32nds)
Percent Low (Gravity So	lids		5.4%		5.9%										ŀ		
ppb Low Grav	rity Solids			44 ppb		49 ppb								Bit Impact	Noz			\dashv
Percent Barite	-			1.5%		3.4%								Force	Velo (ft/s			
ppb Barite				21 ppb		48 ppb	BIT D	ATA	Ma	anuf./Ty	/ре				Ì	<i>,</i>		\dashv
Estimated Tot	al LCM in	System	ppb				Size	Depth In		ours	Foot	age ROI	P ft/hr	Motor/M	WD	Calc.	Circ.	Pressure
Sample Taker		-		N. Dilly	0	C. Beasley												
- , , ,	,			<u> </u>					1									

Remarks/Recommendations:

Transfered 1167bls OBM from the Klondike Rush HO6 KL.

Allocated: 2263bls OBM

Received 419bls 8.8ppg OBM from mud plant.

Ordered 1000bls of 8.8ppg OBM from mud plant (Rec 419bls)

Ordered 500bls of 17.5ppg from mud plant.

Rig Activity:

Run Intermediate 7 5/8" casing T/10,220' LP. Ran centrifuge as needed to maintain 9.7ppg in pits. Circulated 1.5 x casing capacity once on bottom. Rig up cement lines and cement casing with 45bls of spacer back to surface (50bls spacer pumped). Changed 4 bad shaker screens in preparation of next well. Incorporated 8.1ppg slurry from storage along with diesel additions and centrifuge to cut MW back in active pits to 8.9ppg for drill out after skid. Currently nippling down to skid rig.

Е	ng. 1:	C	Chris E	Beasle	y	E	ng. 2:	Nic	k Dilly	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
P	hone:	9	03-74	7-537	7	Р	hone:	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 i	commendation, expused if the user so etion, and this is a rec	lects, however, n	o representation		\$4,560.00	\$66,174.34
												INCLUDI	NG 3RD PAR	TY CHARGES	\$8,696.20	\$109,424.62

02/06/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	IKE MILL I	H08 KL	Rig Name ar		port #5
	DAILY	USAGE 8	COST	·			•	1	ULATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cos
SAPP (50)	50# sk	\$46.84	Inventory 42		Inventory 42	Usage	, , , , , ,	Usage	42 \$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	93		93				1 \$41.36
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	67		67				
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392			10	68 \$2,405.76
LIME (50)	50# sk	\$5.88	400		400				00 \$1,176.00
OPTI - G	50# sk	\$32.44	250		250				90 \$2,919.60
BENTONE 38 (50)	50# sk	\$152.93	55		55				
BENTONE 910 (50)	50# sk	\$55.55	40		40				11 \$611.05
BENTONE 990 (50)	50# sk	\$88.61	26		26				10 \$886.10
OPTI - MUL	gal	\$11.40	660		660			5	50 \$6,270.00
OPTI - WET	gal	\$8.84	330		330			5	50 \$4,862.00
NEW PHALT	50# sk	\$38.72	230		230				10 \$387.20
OIL SORB (25)	25# sk	\$4.75	78		78				
NEW CARB (M)	50# sk	\$5.63	100		100				
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	134		134				
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	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
0.0(00)	00 0	\$20.00							
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		80				
BARITE BULK (100)	100# sk	\$8.17	1150		1150			50	67 \$4,632.39
							<u>L</u>		<u>l</u> _
ODTI DDILL (ODM)	1.1.1	#75.00	4070	419	0000		₩ 400.00		20 \$05 000 00
OPTI DRILL (OBM)	bbl	\$75.00	1876	419	2263	32	\$2,400.00	3.	36 \$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
		·							
							•		
	each	\$1,050.00				2			_
	each bbl	\$1,050.00 \$30.00				2 2			10 \$10,500.00 10 \$300.00
ENGINEERING (24 HR) ENGINEERING (DIEM) ENGINEERING (MILES)									_
ENGINEERING (DIEM)	bbl	\$30.00							10 \$300.00
Engineering (DIEM) Engineering (Miles)	bbl each	\$30.00 \$1.00							10 \$300.00 75 \$275.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00						2	10 \$300.00 75 \$275.00 2 \$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	each	\$30.00 \$1.00 \$15.00 \$2.48						2	10 \$300.00 75 \$275.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50						13	10 \$300.00 75 \$275.00 2 \$30.00 45 \$3,335.60
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	each	\$30.00 \$1.00 \$15.00 \$2.48						13	10 \$300.00 75 \$275.00 2 \$30.00

				COST						
Date	Operator			Well Name a			Rig Name an		Report No.	
02/06/22	MAGI	NOLIA OIL	& GAS	KLONE	OIKE MILL	H08 KL	24	18	Repo	ort #5
	DAILY	USAGE 8	& COST						CUMU	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95						•	7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98	804			804	\$2,395.92	•	7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13	7200		6644	556	\$1,740.28	•	556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13	7200		7200			•		
								•		
								-		
								-		
								-		
								-		
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								-		
								-		
								•		
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								•		
								•		
								•		
								-		
								•		
								•		
								-		
					Daily S	ub-Total \$4	4,136.20		\$43,2	250.28
	Cumi	Ilative Total	I AES & 3rd	Party \$109	,424.62					
						ı				

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: KLOI

KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
	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	9 7/8	9 7/8	9 7/8	9/7/2008	111011			1114		Out	- Cun	iiioii	1 40		ma	<u> </u>	- Out	- Jun		1 40	
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230																
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,200																
		<u> </u>			-												-					
•	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
701	New Hole Vol.	-	605	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
	Chemical Additions		35	3																		
	Base Fluid Added		221	119	32																	
	Barite Increase		26	14																		
2,599	Weighted Mud Added	1,916	264		419																	
-	Slurry Added																					
1	Water Added		1																			
-	Added for Washout																					
3,050	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings		587	127																		
25	Unrecoverable Volume				25																	
48	Centrifuge Losses				48																	
787	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
_	Mud Transferred Out																					
2 222		4.040	4.0=0	4.005	0.000		2 222	2 222	2.222	2 222		2 222	2 222		0.000	2.222	2 222	0.000	0.000			
2,263	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
-	Mud Recovered																					
				С	omment	s <i>:</i>					С	omment	ts:					С	omment	s <i>:</i>		
					M from pre	vious well a	and receive	ed 749bls	2/10/22							2/17/22						
	-		from mud	plant.																		
2,599		2/4/22	Lost 587b	s to mud o	n cuttings v	vhile drillin	g.		2/11/22							2/18/22						
		2/5/22	Lost 127b	s to mud o	n cuttings v	vhile drillin	g.		2/12/22							2/19/22						
		2/6/22 Lost 25bls to dumped cement interface and 48bls while cutting mud weight in active pits.					d 48bls to d	entrifuge	2/13/22							2/20/22						
	2/7/22								2/14/22							2/21/22						
	2/8/22								2/15/22							2/22/22						
		2/9/22							2/16/22							2/23/22						

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

0' TVD

0.0°

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 02/01/22 0 ft 10,230 ft KLONDIKE MILL H08 KL 248 **TEXAS** 02/01/22 0 ft/hr Skid rig **Brandon Parks / Jim Harrison Tool Pusher GIDDINGS** OBM 0 gpm psi MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) PUMP #1 PUMP #2 RISER BOOSTER Weight PV CaCl2 **GELS** HTHP In Pits 0 bbl Liner Size 5.25 Liner Size Liner Size 15-17 ±275K <10 <15 In Hole 464 bbl 12 Stroke 12 20-40 8-20 >500 Stroke Stroke 2/6/22 2/5/22 Active 0 bbl hhl/stk 0.0763 bbl/stk 0.0763 bbl/stk 0.0000 12:00 Time Sample Taken 0:30 Storage 0 bbl stk/min O stk/min 0 stk/min Tot. on Location 464 bbl Sample Location pit pit gal/min 0 gal/min 0 gal/min 0 Flowline Temperature °F PHHP = 0 CIRCULATION DATA n = 0.613 K = 189.592 10.230 Bit Depth = ' Depth (ft) 10.230 Pump Efficiency = 95% Washout = 5%Mud Weight (ppg) 8.9 9.7 0.0 bbl Volume to Bit Strokes To Bit Time To Bit **Drill String** Disp. @ 73 °F 51 55 0.0 bbl BottomsUp Time Funnel Vis (sec/qt) Bottoms Up Vol. BottomsUp Stks 600 rpm 26 40 0.0 bbl Riser Ann. Vol. 0.0 bbl Riser Strokes Riser Circ. Time 300 rpm 17 26 DRILLING ASSEMBLY DATA **SOLIDS CONTROL** 15 19 Tubulars OD (in.) ID (in.) Unit Screens 200 rpm Hours 100 rpm 10 15 Drill Pipe 5.000 4.276 0' 0' Shaker 1 140 0.0 6 rpm 6 7 Hevi Wt 6.500 3.000 0' Shaker 2 140 0.0 5 6 8.000 2.875 0' Shaker 3 140 0.0 3 rpm Dir. BHA 14 @ 150 °F 9 0' Plastic Viscosity (cp) Desander 8 12 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = Gel Strength (lb/100 ft²) 10 sec/10 min 6/7 7/9 OD (in.) ID (in.) Centrifuge 1 0.0 Top Casing Depth 30 mir 8 10 Riser 20 108' **VOLUME ACCOUNTING (bbls)** Gel Strength (lb/100 ft²) @ 300 °F 7.6 10 3/4 2,812' HTHP Filtrate (cm/30 min) 8.4 Surface 9.950 108 Prev. Total on Location 2.0 2.0 Int. Csg. 7 5/8 6.875 10,220' 108 -1799.0 HTHP Cake Thickness (32nds) Transferred In(+)/Out(-) Retort Solids Content 9% 12% Washout 1 Oil Added (+) 0.0 Corrected Solids (vol%) 6.8% 9.3% Washout 2 Barite Added (+) 0.0 Retort Oil Content 70% 61.6% Open Hole Size 0.000 10.230 Other Product Usage (+) 0.0 26.4% **ANNULAR GEOMETRY & RHEOLOGY** Retort Water Content 21% Water Added (+) 77:23 70:30 O/W Ratio Left on Cuttings (-) 0.0 annular meas. velocity flow ECD section depth ft/min reg lb/gal Whole Mud Chlorides (ma/L) 53,000 67.200 Non-Recoverable Vol. (-) 285,280 283,542 Centrifuge Water Phase Salinity (ppm) 2.7 Whole Mud Alkalinity, Pom 2.1 Est. Total on Location 464.3 Est. Losses/Gains (-)/(+) 0.0 Excess Lime (lb/bbl) 2.7 ppb 3.5 ppb Electrical Stability (volts) 463 v 471 v **BIT HYDRAULICS DATA** Average Specific Gravity of Solids 2 73 2 98 Bit H.S.I. Bit ∆P Nozzles (32nds) 5.9% Percent Low Gravity Solids 5 4% ppb Low Gravity Solids 44 ppb 49 ppb Nozzle Bit Impac Force 1.5% 3.4% Percent Barite (ft/sec) BIT DATA Manuf./Type 21 ppb 48 ppb ppb Barite Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure ppb Sample Taken By C. Beasle Remarks/Recommendations: Rig Activity: Transferring 1799bls to the Klondike Rush HO6 KL. Allocated: 464bls OBM (After 1799bls transfer to Rush HO6) Finish nipple down and skid to the Klondike Rush HO6 KL. Ordered 1000bls of 8.8ppg OBM from mud plant (Rec 419bls) Ordered 500bls of 17.5ppg from mud plant. Nick Dilly MIDLAND Rig Phone Daily Total Cumulative Cost WH 1: WH 2: Eng. 1: Eng. 2: 903-747-5377 337-207-8848 432-686-7361 Phone Phone: Phone Phone Any opinion and or recomme ed orally or written herein, has been prepared ndation, express \$0.00 \$66,174.34 Р Н 0 ully and may be used if the user so elects, ho 0 0 2 validity of this information, and this is a recommendation only **INCLUDING 3RD PARTY CHARGES** \$109,424.62 \$0.00

02/07/22		NOLIA OIL USAGE 8	& GAS	Well Name a	and No. DIKE MILL I	H08 KL	Rig Name an	18 R	o. eport #6 IULATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usag	Cilm Cost
SAPP (50)	50# sk	\$46.84	42	-42					42 \$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	93	-93					1 \$41.36
EVO-VIS	5 gal	\$192.33	53	-53					
NEW GEL (PREMIUM)	100# sk	\$11.54	67	-67					
ALUMINUM TRISTEARATE	25# sk	\$81.16	404	404					
SODA ASH (50)	50# sk	\$11.38	134	-134					
CACL2 (50)	50# sk	\$14.32	392	-392					68 \$2,405.76
LIME (50)	50# sk	\$5.88	400	-400					200 \$1,176.00
OPTI - G	50# sk	\$32.44	250	-250					90 \$2,919.60
BENTONE 38 (50)	50# sk	\$152.93	55	-55					
BENTONE 910 (50)	50# sk	\$55.55	40	-40					11 \$611.05
BENTONE 990 (50)	50# sk	\$88.61	26	-26					10 \$886.10
OPTI - MUL	gal	\$11.40	660	-660					\$6,270.00
OPTI - WET	gal	\$8.84	330	-330					\$4,862.00
NEW PHALT OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	230 78	-230 -78					10 \$387.20
OIL GOILD (20)	20# 31	ψ4.73	70	-70					
NEW CARB (M)	50# sk	\$5.63	100	-100					
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	134	-134					
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	80	-80					
MICA F (50)	50# sk	\$10.38	40	-40					
GRAPHITE POWDER F (50)	50# sk	\$25.59	64	-64					
NEW WATE (SACK BARITE)	100# sk	\$10.73	80	-80					
BARITE BULK (100)	100# sk	\$8.17	1150	-1150					67 \$4,632.39
OPTI DRILL (OBM)	bbl	\$75.00	2263	-1799	464				336 \$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
					-				
ENGINEERING (24 HR)	each	\$1,050,00							10 \$10 500 00
ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$1,050.00							10 \$10,500.00 10 \$300.00
ENGINEERING (DIEM)	each bbl each	\$1,050.00 \$30.00 \$1.00							10 \$10,500.00 10 \$300.00 275 \$275.00
	bbl	\$30.00							10 \$300.00
ENGINEERING (DIEM)	bbl	\$30.00							10 \$300.00
ENGINEERING (DIEM)	bbl	\$30.00							10 \$300.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00							10 \$300.00 275 \$275.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00							10 \$300.00 275 \$275.00 2 \$30.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each each	\$30.00 \$1.00 \$15.00 \$2.48							10 \$300.00 275 \$275.00 2 \$30.00 345 \$3,335.60 15 \$187.50
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50							10 \$300.00 275 \$275.00 2 \$30.00 345 \$3,335.60

Date	Operator			Well Name a	ind No.		Rig Name ar	d No.	Report No.	
02/07/22	MAGI	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	ort #6
	DAILY	USAGE 8	COST						CUMUL	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13	6644	-6644					556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13	7200	-7200						
									\$43,2	50.28
								1	-	
	Cumi	ılative Total	AES & 3rd	Party \$109	,424.62					

OUTSOURCE FLUID SOLUTIONS LLC.

Operator: Rig Name: MAGNOLIA OIL & GAS

Rig Name: 248
Well Name: KLOI

KLONDIKE MILL H08 KL

		-			WEEKA							WEEK				•			WEEK			
	Date	2/3/22	2/4/22	2/5/22	WEEK 1 2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	WEEK 2 2/13/22		2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	WEEK 3 2/20/22		2/22/22	2/23/22
	Date	Thu	Fri	Sat	Sun	Mon	Tue	Wed	7/10/22 Thu	Fri	Sat	Sun	Mon	7/15/22 Tue	Wed	Thu	Fri	2/19/22 Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	Tue	weu	IIIu	111	Jai	Juli	IVIOII	Tue	weu	IIIu	FII	Jai	Juli	WIOII	Tue	Weu
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230															
		<u> </u>		10,230		10,230	10,230															
Totals	Ending Depth	2,828	9,215		10,230	-			1													
	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	-	605	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916		1,885	2,263	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464
	Chemical Additions		35																			
	Base Fluid Added		221	119	32																	
	Barite Increase		26	14																		
	Weighted Mud Added	1,916	264		419																	
	Slurry Added																					
1	Water Added		1																			
	Added for Washout																					
3,050	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
	Mud Loss to Cuttings		587	127																		
	Unrecoverable Volume				25																	
48	Centrifuge Losses				48																	
787	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,799	Mud Transferred Out					1,799																
464	Ending System Volume	1,916	1,876	1,885	2,263	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464
-	Mud Recovered																					
				С	omment	s:					С	omment	s:					С	omment	s:		
		2/3/22	Transfer 1 from mud		M from pre	vious well a	and receive	ed 749bls	2/10/22							2/17/22						
800		2/4/22	Lost 587b	ls to mud c	on cuttings v	while drillin	g.		2/11/22							2/18/22						
	•	2/5/22	Lost 127b	ls to mud o	on cuttings v	while drillin	g.		2/12/22							2/19/22						
		2/6/22			d cement in		d 48bls to d	centrifuge	2/13/22							2/20/22						
		2/7/22	Transfer 4	164bls to Kl	ondike Rus	sh HO6 KL.			2/14/22							2/21/22						
		2/8/22							2/15/22							2/22/22	22 22 22 22 22 22 22 22 22 22 22 22 22					
		2/9/22							2/16/22							2/23/22						

Report #8

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

21.9°

10,139' TVD

TEL: (337) 394-1078

MAGNOLIA OIL & GAS Well Name and No. KLONDIKE MILL H08 KL	PA						Engineer Start [24 hr f	-		Drilled [•		
	Rig Name ar	TTERSO	ON	WASH State	IINGTO		02/0 Spud Date	1/22	Curren	14 ft at ROP		Activity	10,24	14 ft	: ——
		248			EXAS		02/0	1/22		100 ft/h	r		slid		
Report for Kevin Burt/ Chris Mayeaux	Report for	ool Pusl	her	Field / OCS-G #	DINGS	F	Fluid Type OE	вм		ating Rate 426 gpn	n	Circulat	-	ssure Si	
MUD PROPERTY SPE	CIFICATION	 S		MUD VO	LUME (BE	BL)	PUM	P #1		PUMP #2	!	RISI	ER BO	OOST	ΓER
Weight PV YP E.S.	CaCl2	GELS	HTHP	In Pits	60	0 bbl	Liner Size	5.25	Line	r Size 5	.25	Liner	Size		
9-17 5-40 5-20 >350	±270K	<5 <15	<14	In Hole	40	8 bbl	Stroke	12	Str	oke	12	Stro	ke		
	3/18/22		3/17/22	Active	100	5 bbl	bbl/stk	0.0763	bbl	/stk 0.0	763	bbl/	stk	0.00	000
Time Sample Taken	12:30		11:30	Storage	<u>127</u>	'6 bbl	stk/min	66	stk	/min (67	stk/r	min		
Sample Location	pit		pit	Tot. on Loc	cation 228	34 bbl	gal/min	212	gal	/min 2	15	gal/r	min	C)
Flowline Temperature °F					PHHP = 0		CI	RCULAT	ION DA	·ΤΑ		n = 0	.652	K = 12	2.349
Depth (ft)	10,244'		10,235'	Bit D	epth = 10	195 '	,	Washout	= 5%		Pump	Efficie	ency =	95%	Ď
Mud Weight (ppg)	9.0		8.8	Drill String	Volume	e to Bit	143.6 bbl	Stroke	s To Bit	1,882		Time T	o Bit	14 ו	min
Funnel Vis (sec/qt) @ 73	°F 38		35	Disp.	Bottoms (Jp Vol.	261.6 bbl	Bottoms	Up Stks	3,428	Botto	msUp	Time	26 1	min
600 rpm	22		21	57.9 bbl	Riser An	n. Vol.	-2.1 bbl	Riser	Strokes	-28	Rise	r Circ.	Time	0 n	nin
300 rpm	14		13		DRILLIN	G ASSI	EMBLY DA	TA		S	OLID	S CON	NTRO	L	
200 rpm	10		10	Tubulars	OD (in.)	ID (in.) Lei	ngth	Тор	Unit	i	Scre	ens	Ho	urs
100 rpm	6		7	Drill Pipe	4.500	3.8	26 10,	032'	0'	Shake	r 1	17	0		
6 rpm	4		4	Collars	5.150	2.6	600 1	30' 1	0,032'	Shake	r 2	17	0		
3 rpm	3		3	Dir. BHA	5.250	2.0	000 3	3' 1	0,162'	Shake	r 3	17	0		
Plastic Viscosity (cp) @ 150	°F 8		8					1	0,195'	Desan	der				
Yield Point (lb/100 ft²) T0 =	2 6		5		CASI	IG & H	OLE DATA	Ĺ		Desilt	er				
Gel Strength (lb/100 ft²) 10 sec/10 i	min 4/5		4/6	Casing	OD (in.)	ID (in.) De	pth	Тор	Centrifu	ge 1				
Gel Strength (lb/100 ft ²)	min 6		7	Riser	20		10	08'		VOLUM	/IE AC	COU	NTING	(bb	is)
HTHP Filtrate (cm/30 min) @ 300	°F 14.0		14.0	Surface	10 3/4		2,8	312'	108'	Prev. 7	otal o	n Loca	ation	4	164.3
HTHP Cake Thickness (32nds)	2.0		2.0	Int. Csg.	7 5/8	6.8	375 10,	220'	108'	Transfe	erred l	n(+)/O	ut(-)	17	' 56.0
Retort Solids Content	10.5%		10%	Washout 1							Oil	Adde	(+)		72.7
Corrected Solids (vol%)	8.5%		8%	Washout 2							Barite	Adde	d (+)		0.0
Retort Oil Content	66%		69%	Open	Hole Size	7.0	10,	244'		Other Pi	roduct	Usag	e (+)		0.0
Retort Water Content	23.5%		21%	ANN	NULAR GI	EOMET	RY & RHE	OLOGY		,	Water	Adde	(+)		
O/W Ratio	74:26		77:23	annular		eas.	velocity		ECD	Le	eft on C	Cutting	js (-)		-0.8
Whole Mud Chlorides (mg/L)	50,000		50,000	section	de	epth	ft/min	reg l	b/gal	Non-Red	covera	ble Vo	ol. (-)		
Water Phase Salinity (ppm)	250,170		271,855	0x4.5	1	08'	-515.9		9.08			Centri	fuge		-8.7
Whole Mud Alkalinity, Pom	2.0		2.2	6.875x4.	5 10	,032'	386.7	turb	9.93	Est. 7	Total o	n Loca	ation _	22	283.5
Excess Lime (lb/bbl)	2.6 ppb		2.9 ppb	6.875x5.′	15 10	,162'	503.7	turb ´	10.03	Est. Los	ses/G	ains (-)/(+)		0.0
Electrical Stability (volts)	340 v		373 v	6.875x5.2	25 10	,195'	530.2	turb '	10.12	BIT	HYDR	RAULI	CS D	ATA	
Average Specific Gravity of Solids	2.67		2.62							Bit H.S.I.	Bit	ΔΡ	Nozzl	es (32	nds)
Percent Low Gravity Solids	6.9%		6.8%							0.47		psi	18	18	18
ppb Low Gravity Solids	57 ppb		56 ppb							Bit Impac	Noz Velo	zzle ocity	18	18	18
Percent Barite	1.6%		1.2%			ı					(ft/s	· -			
ppb Barite	23 ppb		18 ppb	BIT D		1	nuf./Type	GTD		182 lbs	1	2			
Estimated Total LCM in System ppb				Size	Depth In	Hou	urs Foo	tage R0	OP ft/hr	Motor/N	IWD		Circ.		sure
	M.Calais	0	P. Blair	6 3/4	10,230 ft								1,458	psi	
Sample Taken By				Rig Activity:											
Sample Taken By Remarks/Recommendations:	ko Duch														
•	KE KUSN														
Remarks/Recommendations:		ОВМ		mouse h	ole. M/U	new B	erform full I	report tir	ne. Pl	an ahead	, ΤΙΗ ν	with n	ew B	HA,	
Remarks/Recommendations: Transfer 1756 bbls of OBM to Klond Plus 464 bbls Int csg. Total allocated		OBM		mouse h	ole. M/U	new B		report tir	ne. Pl	an ahead	, ΤΙΗ ν	with n	ew B	HA,	
Remarks/Recommendations: Transfer 1756 bbls of OBM to Klond Plus 464 bbls Int csg. Total allocated Receiving ~500 bbls OBM slurry	1 2,220 bbls		MIDI 2	mouse h	ole. M/U track plu	new B s 10' no	HA at pm ew format	report tir	ne. Pl	an ahead n F.I.T. S	, TIH v	with n @ rep	ew B	HA, o	drill
Remarks/Recommendations: Transfer 1756 bbls of OBM to Klond Plus 464 bbls Int csg. Total allocated Receiving ~500 bbls OBM slurry Eng. 1: Patrick Blair Eng. 2:	Mike Calais 936-689-1612	WH 1: Phone:	432-686	mouse h	ole. M/U track plu VH 2: hone:	new B s 10' no WH #2	HA at pm ew format	report tir ion and p	ne. Pl	an ahead	, TIH v	with n @ rep	ew B	HA, o	drill

INCLUDING 3RD PARTY CHARGES

\$14,101.14

\$123,525.76

Well Name KLONI	and No. DIKE MILL	H08 KL	Rig Name and No 248		ort #8
					LATIVE
ıe	Closing	Daily	D-11 O1	Cum	
ry Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
80 40	80 40			42	\$1,967.28 \$41.36
53	53				\$11.00
65	65				
34	134				
24	224			168	\$ \$2,405.76
00	400			200	+
20	120			90	\$2,919.60
34	34				
47	47			11	
36	36			10	
80	880			550	
80	880			550	
28 35	128 35			10	\$387.20
33	33				
			 		
	+				
90	90				
66	166				
80	80				
40	40				
64	64				
+					
				567	\$4,632.39
80	80				
50	1250				
+			 		
+					
			 		
	1				
2001	2000			-	#05 000 00
2220	2220			336	\$25,200.00
+					
+					
	1				1
	1				
		2			\$12,600.00
		2	\$60.00	12	
	1			275	\$275.00
					-
	1				00000
+			 	13/5	
+	1		+	1345	\$3,335.60
	+			15	\$187.50
+					
		<u> </u>	'		
1	I \$2,160.00	I \$2,160.00 Cumulat	I \$2,160.00 Cumulative Total \$	I \$2,160.00 Cumulative Total \$68,334.34	15

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/18/22	MAGN	IOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	24	48	Repo	ort #8
	DAILY	USAGE 8	COST						СПМП	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91	5168		2114	3054	\$11,941.14		3054	\$11,941.14
DIESEL RECEIVED 3-14-22	gal	\$3.91	5480		5480					
DIESEL RECEIVED 3-16-22	gal	\$3.75	7000		7000					
SUPERCAL	25# sk		320		320					
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
	•				Daily St	ıb-Total \$1	1,941.14		\$55,1	91.42
					, 30		,·		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	=
						Ī				
	Cumu	lative Total	I AES & 3rd	Party \$123	3,525.76					
						l				

Comments:

Transfer 1167bls OBM from previous well and received 749bls

MAGNOLIA OIL & GAS Operator Rig Name: Well Name

KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4			6 3/4	6 3/4												
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,244											
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,244												
7,416	Footage Drilled	-	6,387	1,015	-	-	-	-	-	14	-	-	-		-	-	-	-	-		-	-
702	New Hole Vol.	-	605	96	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284
38	Chemical Additions		35	3																		
445	Base Fluid Added		221	119	32					73												
40	Barite Increase		26	14																		
2,599	Weighted Mud Added	1,916	264		419																	
-	Slurry Added																					
1	Water Added		1																			
-	Added for Washout																					
3,123	Total Additions	1,916	547	136	451	-	-	-	-	73	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
-	Formation Loss																					
715	Mud Loss to Cuttings		587	127						1												
25	Unrecoverable Volume				25																	
57	Centrifuge Losses				48					9												
797	Total Losses	-	587	127	73	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-
42	Mud Transferred Out									42												
2,284	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284	2,284
	Mud Recovered											1										

2/10/22 2/3/22 2/17/22 from mud plant. 2/11/22 2/18/22 2/12/22 2/19/22

2/4/22 Lost 587bls to mud on cuttings while drilling. 2/5/22 Lost 127bls to mud on cuttings while drilling. Lost 25bls to dumped cement interface and 48bls to centrifuge 2/13/22 2/20/22 while cutting mud weight in active pits. 2/7/22 2/14/22 2/21/22 2/15/22 2/8/22 2/22/22 2/9/22 2/16/22 2/23/22

Comments:

Comments:

2,557

OUTSOURCE FLUID SOLUTIONS LLC.

Report #10

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 1

11,842' TVD

TEL: (337) 394-1078

Operator MAGI	NOLIA (OIL & G	AS	Contractor PA1	TERSO	ON	County / Parish /	Block HINGTO	ON	Engineer Sta	nt Date 01/22	24 hr f	957 ft	D	rilled Depth	568 f	t
Well Name and No.	DIKE M	ILL H08	3 KL	Rig Name and	d No. 248		State TE	EXAS		Spud Date 02/	01/22	Currer	49 ft/hr	A	ctivity Dr i	lling	
Report for				Report for			Field / OCS-G #			Fluid Type		Circula	ating Rate	С	irculating P	_	
Kevin I	Burt/ Cl	nris Ma	yeux	То	ol Push	ner	GID	DINGS	S	С	ВМ		197 gpm	1	4,11	1 ps	si .
	MUD	PROPER	TY SPECIF	ICATIONS	3	ı	MUD VO	LUME (B	BBL)	PU	MP #1		PUMP #2		RISER	300S	TER
Weight	PV	YP	E.S.	CaCl2	GELS	HTHP	In Pits	7:	25 bbl	Liner Size	e 4.7	75 Line	r Size 4.	75 I	Liner Size	:	
8.9-17	5-40	5-20	>350	±270K	<8 <15	<14	In Hole	58	89 bbl	Stroke	12	2 Str	oke 1	2	Stroke		
				3/20/22		3/19/22	Active	13	314 bbl	bbl/stk	0.06	625 bbl	/stk 0.0	625	bbl/stk	0.0	0000
Time Sample 1				12:30		12:00	Storage	20)58 bbl	stk/min	7	5 stk.	/min ()	stk/min		
Sample Location				pit		pit	Tot. on Lo			gal/min	19)	gal/min		0
Flowline Temp	erature °F			165 °F				PHHP = 4			CIRCUL	ATION DA			n = 0.585		
Depth (ft)				13,163'		12,611'	Bit D	epth = 13				out = 15%			fficiency		
Mud Weight (p	pg)			9.2		9.5	Drill String Disp.	Volun	ne to Bit	191.6 bb		okes To Bit	3,067	Ti	ime To B	t 41	min
Funnel Vis (see	c/qt)		@ 126 °F	46		47	·		·	397.3 bb		msUp Stks	6,361		isUp Time		min
600 rpm				27		35	76.3 bbl			1313.9 b		alCirc.Stks	, , , , , , , , , , , , , , , , , , ,		Circ. Time) min
300 rpm				18		21				SEMBLY D	ATA				CONTR		
200 rpm				14		16	Tubulars	OD (in.) ID	(in.) L	ength	Тор	Unit		Screens	Но	ours
100 rpm				10		12	Drill Pipe	4.500	3.	826 1	3,405'	0'	Shaker		170	24	4.0
6 rpm				6		5	Collars	5.150	2.	600	130'	13,405'	Shaker	2	170	24	4.0
3 rpm				5		4	Dir. BHA	5.250	2.	000	33'	13,535'	Shaker	3	170	24	4.0
Plastic Viscosit	ty (cp)		@ 150 °F	9		14						13,568'	Desand	ler			
Yield Point (lb/	100 ft²)		T0 = 4	9		7				HOLE DAT			Desilte				
Gel Strength (I	b/100 ft²)	10	sec/10 min	5/6		5/7	Casing) ID	(in.) [Depth	Тор	Centrifug				2.0
Gel Strength (II	b/100 ft ²)		30 min	8		9	Riser						VOLUM	IE ACC	ITAUO		-,
HTHP Filtrate ((cm/30 mi	n)	@ 300 °F	10.0		12.0	Surface	10 3/4			2,812'	0'	Prev. T	otal on	Location		979.3
HTHP Cake Th		32nds)		2.0		2.0	Int. Csg.	7 5/8	6.	875 1	0,220'	0'	Transfe	•	(+)/Out(-		465.0
Retort Solids C	Content			10.5%		12%	Washout 1								Added (+		73.1
Corrected Solid	ds (vol%)			8.1%		9.8%	Washout 2						E	Barite A	Added (+)	38.3
Retort Oil Cont				65%		64.5%	'	Hole Siz			3,568'		Other Pro		•		12.7
Retort Water C	Content			24.5%		23.5%	ANI	NULAR G	SEOME	TRY & RH	EOLOG	iΥ			Added (+		13.0
O/W Ratio				73:27		73:27	annular section		neas. depth	velocity ft/min	flow reg	ECD lb/gal	Lef		uttings (-		112.0
Whole Mud Ch	•			59,000		55,000	30011011		ДОР ШТ	10111111	icg	ib/gai			Seepage		-27.4
Water Phase S				274,111		268,470									entrifuge		-70.0
Whole Mud Alk		om		2.4		2.0	6.875x4		0,220'	178.5	lam	9.69			Location		371.9
Excess Lime (I				3.1 ppb		2.6 ppb	7.763x4.		3,405'	120.5	lam	9.81	Est. Loss		.,,		0.0
Electrical Stabi				367 v		395 v	7.763x5.		3,535'	142.9	lam	9.91			AULICS		
Average Speci			i 	2.91		3.04	7.763x5.	25 1	3,568'	147.5	lam	10.02	Bit H.S.I.	Bit ∆	-	zles (3	1
Percent Low G		ıds		5.5%		6%							0.05	15 p	_		18
ppb Low Gravi	ty Solids			45 ppb		49 ppb							Bit Impact Force	Veloc	ity	18	18
Percent Barite				2.6%		3.8%	B.= -	AT4	1	on of /T		TDC 43.4		(ft/se	´ —		
ppb Barite		0		37 ppb		55 ppb	BIT D		-	anuf./Type		FD64M	40 lbs	42			<u> </u>
Estimated Total		system	ppb	Model		D D	Size	Depth I			ootage	ROP ft/hr	Motor/M\	טן טעע (Calc. Cir		ssure
Sample Taken				M.Calais	0	P. Blair	6 3/4	10,230	ıt 2	4.0		0.0			59	4 psi	
Remarks/Recon				_			Rig Activity:										
Transfer 17	756 bbls (of OBM to	o Klondike	Rush													

Plus 464 bbls Int csg.

Received 465 bbls OBM 9.0 ppg.

Total allocated 3,198 bbls OBM

SOOH F/10,227' T/8,463', replaced washed out joint of pipe. SIH F/8,463' T/11,250'. Reduce fluid density T/9.2 ppg. Added additions of Calcium Chloride to increase WPS, Lime to increase alkalinity, Opti-G to reduce HTHP fluid loss and minor additions of Bentone to enhance rheologies.Contined to drill and slide@ 13,568' at report time.

Er	ng. 1:		Patric	k Blaii	r	E	ng. 2:	Mike	e Calais	WH 1:	MIDLAND	WH 2:	WH #2	Rig Phone:	Daily Total	Cumulative Cost
PI	none:	9	36-46	5-095	2	Р	hone:	936-6	689-1612	Phone:	432-686-7361	Phone:	-			
W 1	P 1	Y 1	E 1	C 1	g 1	G 1	H 1	O 1	carefully	and may be ι	commendation, exprused if the user so etion, and this is a rec	lects, however, n	o representation		\$12,261.27	\$88,904.83
												INCLUDII	NG 3RD PAR	TY CHARGES	\$23,412.59	\$163,747.91

Date 03/20/22	l l	NOLIA OIL USAGE 8	<u> </u>	Well Name a	DIKE MILL I	H08 KL	Rig Name and N	Rep	ort #10
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84	80		80			4:	2 \$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	40		40				\$41.36
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	65		65				
ALUMINUM TRISTEARATE	25# sk	\$81.16	404		404				
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	168		168			22	1 \$3,207.68
LIME (50)	50# sk	\$5.88	350		250	100	\$588.00	35	1
OPTI - G	50# sk	\$32.44	80		40	40	\$1,297.60	17	\$5,514.80
BENTONE 38 (50)	50# sk	\$152.93	27		22	5	\$764.65	1:	2 \$1,835.16
BENTONE 910 (50)	50# sk	\$55.55	47		47			1	\$611.05
BENTONE 990 (50)	50# sk	\$88.61	29		24	5	\$443.05	2	\$1,949.42
OPTI - MUL	gal	\$11.40	825		770	55	\$627.00	66	-
OPTI - WET	gal	\$8.84	825		660	165		77	<u> </u>
NEW PHALT	50# sk	\$38.72	128		122	6	\$232.32	1	\$619.52
OIL SORB (25)	25# sk	\$4.75	35		35				
NEW CARB (M)	50# sk	\$5.63	86		76	10	\$56.30	1-	\$78.82
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	162		157	5	\$140.25		\$252.45
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	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73							
BARITE BULK (100)	100# sk	\$8.17						56	7 \$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73			80		*		
BARITE BULK (100)	100# sk	\$8.17	1150		600	550	\$4,493.50	65	\$5,310.50
	+								
OPTI DRILL (OBM)	bbl	\$105.00	2733	465	3198				
OPTI DRILL (OBM)	bbl	\$75.00						33	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
									1
ENGINEERING (24 HR)	each	\$1,050.00				2	\$2,100.00	4.	\$16,800.00
ENGINEERING (24 HK) ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	1	
ENGINEERING (MILES)	each	\$1.00			+		ψοσ.σσ	27	-
	Caon	ψ1.00							Ψ_10.00
	+								1
Scale Ticket	each	\$15.00							2 \$30.00
		\$2.48						134	
TRUCKING (cwt)	each			ii					1
	each	\$812.50							
TRUCKING (cwt)								1:	5 \$187.50
TRUCKING (cwt) TRUCKING (min)	each	\$812.50						1:	

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/20/22	MAGN	NOLIA OIL	& GAS	KLOND	IKE MILL	H08 KL	2	48	Repo	rt #10
	DAILY	USAGE 8	COST						СПМП	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91	5420		2568	2852	\$11,151.32		2912	\$11,385.92
DIESEL RECEIVED 3-16-22	gal	\$3.75	7000		7000					
Diesel Received 3-19-22	gal	\$4.25		6000	6000					
SUPERCAL	25# sk		320		320					
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
					Daily S	ıb-Total \$1	1 151 22		\$74 O	43.08
					Daily 30	.⊷ i∪tai ⊅i	.,		φ <i>1</i> 4,8	-0.00
					1	l				
	Cumu	lative Total	I AES & 3rd	Party \$163	3,747.91					
						l				

Operator: MAGNOLIA OIL & GAS
Rig Name: 248

Well Name

KLONDIKE MILL H08 KL

		Ī			WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
	Date	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
10.740	Footage Drilled	-	6,387	1,015	-	-		-		_	-	-	_		-		-	-	-	-	_	-
	New Hole Vol.	-	605	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
64	Chemical Additions		35	3																		
572	Base Fluid Added		221	119	32																	1
78	Barite Increase		26	14																		
3,158	Weighted Mud Added	1,916	264		419																	ĺ
513	Slurry Added																					
35	Water Added		1																			
-	Added for Washout																					Ĺ
4,420	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
27	Formation Loss																					
	Mud Loss to Cuttings		587	127																		
	Unrecoverable Volume				25																	
127	Centrifuge Losses				48																	
1,006	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Mud Transferred Out																					
3,372	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
_	Mud Recovered																					
								l		l .		l	l					l	·	l	l	

2/16/22

Comments: Comments: Comments: Transfer 1167bls OBM from previous well and received 749bls 2/10/22 2/3/22 2/17/22 from mud plant. 2/4/22 Lost 587bls to mud on cuttings while drilling. 2/11/22 2/18/22 2/5/22 Lost 127bls to mud on cuttings while drilling. 2/12/22 2/19/22 Lost 25bls to dumped cement interface and 48bls to centrifuge 2/13/22 2/20/22 while cutting mud weight in active pits. 2/7/22 2/14/22 2/21/22 2/15/22 2/8/22 2/22/22

2/23/22

3,629

2/9/22

OUTSOURCE FLUID SOLUTIONS LLC.

Report #11

13.109' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

 0.0°

Drilled Depth **MAGNOLIA OIL & GAS PATTERSON WASHINGTON** 02/01/22 1.267 ft 14,835 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 252 ft/hr Drilling Report fo Report for ield / OCS-G # Fluid Type lating Rate Circulating Pressure **Kevin Burt/ Chris Maveux** Tool Pusher **GIDDINGS** OBM 197 gpm 4,682 psi PUMP #2 RISER BOOSTER PUMP #1 MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) **GELS** HTHE PV ΥP E.S. CaCl2 740 bbl Weight In Pits Liner Size 4.75 Liner Size 4.75 Liner Size 8.9-17 ±270K <8 <15 In Hole 611 bbl 12 Stroke 12 Stroke 5-40 5-20 >350 <14 Stroke 3/21/22 3/20/22 1351 bbl 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 Active bbl/stk Time Sample Taken 0:30 12:00 75 0 Storage 2077 bbl stk/min stk/min stk/min Sample Location pit pit Tot. on Location 3428 bbl gal/min 197 gal/min 0 gal/mir 0 Flowline Temperature °F 175 °F PHHP = 537 **CIRCULATION DATA** n = 0.722 K = 112.683 Depth (ft) 14,835 13,755' Bit Depth = 14,835 Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 9.2 9.3 Volume to Bit 209.6 bbl Strokes To Bit 3,356 Time To Bit 45 min Drill String Disp 401.6 bbl Funnel Vis (sec/qt) @ 126 °F 45 45 Bottoms Up Vol. BottomsUp Stks 6,430 BottomsUp Time 86 min TotalCirc.Vol. 1351.2 bbl 600 rpm 33 31 83.2 bbl TotalCirc.Stks 21,632 Total Circ. Time 288 min 300 rpm 20 20 DRILLING ASSEMBLY DATA SOLIDS CONTROL 15 14 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 200 rpm 100 rpm 10 11 Drill Pipe 4.500 3.826 14.672 0' Shaker 1 170 12.0 6 5 6 rpm Collars 5.150 2.600 130' 14.672 Shaker 2 170 12.0 4 5 Dir. BHA 2.000 33' 14.802 Shaker 3 170 12.0 3 rpm 5.250 14,835 @ 150 °F 13 11 Plastic Viscosity (cp) Desander 7 9 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft2) T0 = 5/7 5/7 OD (in.) ID (in.) Centrifuge 1 18.0 Gel Strenath (lb/100 ft²) 10 sec/10 min Depth Top Casing 9 9 Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strenath (lb/100 ft²) @ 300 °F 10.0 10.0 10 3/4 2,812 0' 3371.9 HTHP Filtrate (cm/30 min) Prev. Total on Location HTHP Cake Thickness (32nds) 2.0 Int. Csg. 7 5/8 6.875 10,220 Transferred In(+)/Out(-) 318.0 Retort Solids Content 11% 11.5% Washout 1 83.7 Oil Added (+) 9.2% Corrected Solids (vol%) 8.6% Washout 2 14.2 Barite Added (+) 64.5% 64.5% 7.088 14 835 21.8 Retort Oil Content Open Hole Size Other Product Usage (+) Retort Water Content 24.5% 24% ANNULAR GEOMETRY & RHEOLOGY Water Added (+) O/W Ratio 72:28 73:27 Left on Cuttings (-) -105.1 annular velocity FCD meas flow section depth ft/min lb/gal reg Whole Mud Chlorides (mg/L) 59 000 58 000 Lost Returns (-) -212 5 274,812 Water Phase Salinity (ppm) 274.111 centrifuge/evaporation -63.9 2.5 2.5 6.875x4.5 10.220' 178.5 3428.2 Whole Mud Alkalinity, Pom lam 9.98 Est. Total on Location 7.088x4.5 3.3 ppb 14,672' 160.8 10.36 0.0 Excess Lime (lb/bbl) 3.3 ppb lam Est. Losses/Gains (-)/(+) 370 v 386 v 7.088x5.15 14,802' 203.3 10.79 **BIT HYDRAULICS DATA** Electrical Stability (volts) lam 2.88 7.088x5.25 Bit H.S.I 2.79 14,835 212.7 Βίτ ΔΡ Nozzles (32nds) Average Specific Gravity of Solids 11.23 lam Percent Low Gravity Solids 6.5% 6.4% 15 psi 18 18 18 ppb Low Gravity Solids 53 ppb Nozzle 18 18 18 53 ppb Bit Impact Velocity Force Percent Barite 2.1% 2.8% (ft/sec) **BIT DATA** Manuf./Type GTD64M 31 ppb 40 ppb 40 lbs 42 ppb Barite Calc. Circ. Pressure Size Depth In Hours ROP ft/hr Motor/MWD Estimated Total LCM in System ppb Footage M.Calais P. Blair 6 3/4 10,230 ft 24.0 0.0 662 psi Sample Taken By 0 Remarks/Recommendations: Rig Activity: Transfer 1756 bbls of OBM to Klondike Rush

> SOOH F/13,755' T/10,194' @ 130FTM, pumping calibrated fill with 17.5 ppg. Kill mud on back side, shut in well to address safety issue at rig shakers. SIH F/10,194' T/13,755', bleed 1.9 bbls/stand. Got back on bottom circulated. When mud weight

> > \$45,619,54

\$209,367.45

was cut back to 9.2 begain drilling. Drilling @ 14835' at report time.

INCLUDING 3RD PARTY CHARGES

Total allocated 3.516 bbls OBM

Patrick Blair Mike Calais MIDLAND Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-736° 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 Р С G Н 0 \$32,638,66 \$121.543.49 Е g 1 validity of this information, and this is a recom

Date 03/21/22	l l	NOLIA OIL USAGE 8	<u> </u>	Well Name a	IKE MILL I	H08 KL	Rig Name and No. 248		ort #11 LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84	80		80			42	\$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	40		40			1	\$41.36
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	65		65				
ALUMINUM TRISTEARATE	25# sk	\$81.16	404		404				
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	168	336	392	112	\$1,603.84	336	\$4,811.52
LIME (50)	50# sk	\$5.88	250		200	50	\$294.00	400	\$2,352.00
OPTI - G	50# sk	\$32.44	40	240	200	80	\$2,595.20	250	\$8,110.00
BENTONE 38 (50)	50# sk	\$152.93	22	40	52	10	\$1,529.30	22	<u> </u>
BENTONE 910 (50)	50# sk	\$55.55	47		47			11	<u> </u>
BENTONE 990 (50)	50# sk	\$88.61	24	40	59	5		27	<u> </u>
OPTI - MUL OPTI - WET	gal	\$11.40	770		715	55 110	\$627.00	715	
NEW PHALT	gal 50# sk	\$8.84 \$38.72	660 122		550 122	110	\$972.40	880	
OIL SORB (25)	25# sk	\$4.75	35	50	85			10	\$619.52
NEW CARB (M)	50# sk	\$5.63	76		75	1	\$5.63	15	\$84.45
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	157		157			9	\$252.45
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	80		80				
MICA F (50) GRAPHITE POWDER F (50)	50# sk	\$10.38	40 64		40 64				
GNALTHE LOWDENT (30)	50# sk	\$25.59	04		04				
NEW WATE (SACK BARITE)	100# sk	\$10.73							
BARITE BULK (100)	100# sk	\$8.17						567	\$4,632.39
NEW WATE (OACK BARITE)	100"	040.70			20				
NEW WATE (SACK BARITE) BARITE BULK (100)	100# sk	\$10.73 \$8.17	80 600	804	1200	204	\$1,666.68	854	\$6,977.18
OPTI DRILL (OBM) OPTI DRILL (OBM)	bbl bbl	\$105.00 \$75.00	3198	318	3350	166	\$17,430.00		\$17,430.00 \$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
ENGINEERING (24 HR)	each	\$1,050.00				2	\$2,100.00	18	\$18,900.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	18	\$540.00
ENGINEERING (MILES)	each	\$1.00						275	\$275.00
Scale Ticket	each	\$15.00				2		4	
TRUCKING (cwt)	each	\$2.48				1172	\$2,906.56	2517	\$6,242.16
TRUCKING (min)	each	\$812.50				-	0.46===	<u> </u>	
PALLETS (ea)	each	\$12.50 \$12.50				15 15		30	<u> </u>
SHRINK WRAP (ea)	each	Ψ12.50				147	φ101.301	30	

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/21/22	MAGN	NOLIA OIL	& GAS	KLOND	IKE MILL	H08 KL	24	48	Repo	rt #11
	DAILY	USAGE 8	k COST						CUMUI	_ATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91	2568			2568	\$10,040.88		5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75	7000		6216	784	\$2,940.00		784	\$2,940.00
Diesel Received 3-19-22	gal	\$4.25	6000		6000					
SUPERCAL	25# sk		320		320					
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
	1	ı			Daily Su	ıb-Total \$1	2 080 80		¢07 0	23.96
					Daily 30	i∪tai ⊅i	_,500.00		φ01,0	20.30
					1	Ī				
	Cumu	lative Total	I AES & 3rd	Party \$209	9,367.45					

Operator: MAGNOLIA OIL & GAS
Rig Name: 248
Well Name: KLONDIKE MILL H08 KL

OUTSOURCE FLUID SOLUTIONS LLC.

		WEEK 1						WEEK 2							WEEK 3									
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22		2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22		
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed		
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																		
	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230		
	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230		
	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	New Hole Vol.	-	605	96	-		-	-	-	-		-	-	-	-	-	-	-		-	-	-		
	Starting System Volume	-		1,876	1,885	2,263	2,263		2,263	2,263	2,263	2,263		2,263			2,263		2,263	2,263	2,263			
	Chemical Additions		1,916		1,000	2,203	2,203	2,263	2,203	2,203	2,203	2,203	2,263	2,203	2,263	2,263	2,203	2,263	2,203	2,203	2,203	2,263		
	Base Fluid Added		35 221	3 119	32																			
					32																			
	Barite Increase		26	14																				
	Weighted Mud Added	1,916	264		419																			
	Slurry Added																							
	Water Added		1																					
-	Added for Washout																							
4,858	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	Surface Losses																							
240	Formation Loss																							
	Mud Loss to Cuttings		587	127																				
	Unrecoverable Volume				25																			
	Centrifuge Losses				48																			
				1													1							
1,388	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
42	Mud Transferred Out																							
3,428	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263		
-	Mud Recovered																							
			Comments: Comments:									Comments:												
					Ommone				Comments:							Comments.								
		2/2/22	Transfer 1	167bls OB	M from pre	vious well	and receiv	ed 749bls	2/40/22							2/47/22								
		2/3/22 from mud plant. 2/10/22							2/17/22															
1	1		loo look 507ble to annul on outline while deilline														ļ							
3,947		2/4/22	14/22 Lost 587bls to mud on cuttings while drilling.						2/11/22							2/18/22								
	1																							
		2/5/22	Lost 127b	ls to mud o	on cuttings v	vhile drillin	ıg.		2/12/22							2/19/22								
			Lost 25hls	to dumne	d cement in	terface an	d 48hle to	centrifuae																
		2/6/22			eight in activ		u 10010 to	oonunago	2/13/22							2/20/22								
		2/7/22	722						2/14/22						2/21/22									
		0/0/00							0/45/00							0/00/00								
		2/8/22	P8/22 2							2/15/22						2/22/22								
		2/9/22	200122						2/16/22	2/16/22						2/23/22	2022/22							
		LISILL							£; 10/££															

Report #12

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

88.1°

10,954' TVD

TEL: (337) 394-1078

Operator MAG	AS		TERSO	ON	County / Parish / Block WASHINGTON			02/01/22			24 hr ftg. 1,828 ft Current ROP			Drilled Depth 16,665 ft			
Well Name and No.	8 KL	Rig Name an	^{d No.}		State TE	EXAS	Spud Date C 02/01/22			198 ft/h	ır	Activity Drilling					
Report for		Report for	-1 0		GIDDINGS MUD VOLUME (BBL)			Fluid Type Circl WBM PUMP #1			ating Rate		Circulating Pressure				
Kevin	•		ol Pusi	ner							197 gp:	5,359 psi					
Weight	PV	YP	GELS	pH	API fl	% Solids	In Pits		bbl bbl	Liner Size		Lino		2 4.75	Liner		JUSTER
8.4-9.6	0-10	0-10	<5 <10	7-9	<25	% Solids	In Pits In Hole		bbl	Stroke	12		oke	12	Stro		
0.4-9.0	0-10	0-10	<22 < 10	3/22/22	<23	3/21/22	Active		Dbl Dbl	bbl/stk	0.0625			0625	bbl/s		0.0000
Time Sample	Takan			0:30		12:00	Storage		4 bbl	stk/min	75		/min	0	stk/r		0.0000
Sample Locati				pit		pit		cation 230		gal/min	197		/min	0	gal/r		0
Flowline Temp		<u> </u>		pit		pit		PHHP = 61			CIRCULAT			•			K = 26.56
Depth (ft)	- Crataro 1			16,665'		16,017'		Depth = 16.			Washout			Pump			
Mud Weight (p	na)			8.4		8.4		Volume		0.0 bbl		s To Bit	0		Time T		0 min
Funnel Vis (se	,		@ 67 °F	28		0.1	Drill String Disp.	Bottoms U		0.2 bbl	Bottoms		4		msUp ⁻		0 min
600 rpm	٥, ٩١,			3		3	328.6 bbl			210.2 bb		irc.Stks	3,365		l Circ.		45 min
300 rpm				2		2				EMBLY D			· ·	SOLID			
200 rpm				1		1	Tubulars	OD (in.)	ID	(in.) L	ength	Тор	Un		Scre		Hours
100 rpm				1		1	Drill Pipe	` '		. ,	6,535'	0'	Shake	er 1	17	0	
6 rpm				1		1	Collars	5.150			130' 1	6,535'	Shake	er 2	17	0	
3 rpm				1		1	Dir. BHA					6,665'	Shake	er 3	17	0	
Plastic Viscosi	ty (cp)		@ 120 °F	1		1					1	6,665'	Desar	nder			
Yield Point (lb/			T0 = 1	1		1		CASIN	IG & H	IOLE DAT	TA		Desi	lter			
Gel Strength (•	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID	(in.) [Depth	Тор	Centrifu	uge 1			
Gel Strength (30 min	1		1	Riser						VOLU	ME AC	COUN	ITING	G (bbls)
API Filtrate / C		ness					Surface	10 3/4		2	2,812'	0'	Prev.	Total o	n Loca	ation	3350.2
HTHP Filtrate / Cake Thickness @ 0 °F							Int. Csg. 7 5/8 1.200 10,220' 0' Transferred In(+)/Out(-)										
Retort Solids Content				0.4%		0.4%	Washout 1 Oil Added (+) 104.3										
Retort Oil Content						Washout 2 Barite								Added	d (+)	86.2	
Retort Water 0	Content			99.6%		99.6%	Open	Hole Size	7.0	088 1	6,665'		Other F	roduct	Usage	e (+)	1.5
Sand Content				0%			ANI	NULAR GI	EOME	TRY & RH	EOLOGY			Water	Added	d (+)	
M.B.T. (Methy	ene Blue	Capacity)	(ppb)				annula	r me	eas.	velocity	flow	ECD	L	eft on C	Cutting	s (-)	-160.6
рН				7.0		7.0	section		epth	ft/min	1 1	b/gal		Lost I	Return	s (-)	-1045.0
Alkalinity, Mud	Pm							<u> </u>					centr	ifuge/e	vapora	ation	-32.5
Alkalinities, Fil	trate Pf/M	f					1.2x4.5	5 10	,220'	-256.4		8.71	Est.	Total o	n Loca	ation	2304.3
Chlorides (mg	/L)			600		600	7.088x4	.5 16	turb	9.55	Est. Losses/Gains (-)/(+)/(+)	0.0		
Calcium (ppm))			200		200	7.088x5.	15 16	,665'	203.3	turb 1	0.20	ВП	T HYDR	RAULI	CS D	ATA
Excess Lime (lb/bbl)												Bit H.S.I	. Bit	ΔΡ	Nozz	es (32nds)
Average Spec	ific Gravity	of Solids		2.60	2.60	2.60							0.04	13	psi	18	18 18
Percent Low G	Gravity Sol	ids		0.4%		0.4%							Bit Impad	noz Velo		18	18 18
Percent Drill S	olids			0.4%		0.4%							Force	(ft/s	,		
PPA Spurt / To	otal (ml) @)	@ 0 °F				BIT D	ATA	Ма	nuf./Type	GTD	64M	36 lbs	4	2		
Estimated Total	al LCM in	System	ppb				Size	Depth In	Но	ours Fo	ootage R0	OP ft/hr	Motor/N	MWD	Calc.	Circ.	Pressure
Sample Taken	Ву					P. Blair	6 3/4		24	4.0		0.0				56	psi
Remarks/Recor	mmendatio	ns:					Rig Activity:										
Transfer 1				Rush			Pumped mud cap csg psi 7	35 bbls 1 , max csg	7.5pp psi 6 ed 77	g down b 71, pump bbls kill	Vork pipe ack side. ed 50 bbls mud. P.M. time.	Rot/SI s kill m	d Ďrl T/1: ud on ba	5,546' ck side	under e. Sld	fres /Drl	h water Γ/15,910
3	Patrick Blai 36-465-099 g G	52 P	3	e Calais 689-1612 Any opin	WH 1: Phone:	432-686		NH 2: Phone: orally or writt	WH #2 - en herei		Rig Phone:		Daily Tota				ve Cost 28.61
1 1 1	g G 1 1	p A 1 1	0 0	carefully	and may be	used if the u	ser so elects, h	owever, no randation only.	epresen	tation is mad							

INCLUDING 3RD PARTY CHARGES

\$143,095.12

\$352,462.57

03/22/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	ind No. IKE MILL I		Rig Name and No. 248		ort #12
	DAILY	USAGE 8	COST	I.					LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cost
			Inventory		Inventory	Usage	Duny Goot	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	80 40		80 27	13	\$537.68	14	
EVO-VIS	5 gal	\$192.33	53		53		***		*
NEW GEL (PREMIUM)	100# sk	\$11.54	65		65				
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392				\$4,811.52
LIME (50) OPTI - G	50# sk	\$5.88 \$32.44	200 200		200 200			400 250	<u> </u>
BENTONE 38 (50)	50# sk	\$152.93	52		52			230	
BENTONE 910 (50)	50# sk	\$55.55	47		47			11	<u> </u>
BENTONE 990 (50)	50# sk	\$88.61	59		59			27	<u> </u>
OPTI - MUL	gal	\$11.40	715		715			715	-
OPTI - WET	gal	\$8.84	550		385	165	\$1,458.60	1045	\$9,237.80
NEW PHALT	50# sk	\$38.72	122		122			16	\$619.52
OIL SORB (25)	25# sk	\$4.75	85		85				
NEW CARB (M)	50# sk	\$5.63	75		75			15	\$84.45
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	157		157			9	\$252.45
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	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
,		-							
NEW WATE (SACK BARITE)	100# sk	\$10.73							*
BARITE BULK (100)	100# sk	\$8.17						567	\$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73	80		40	40	\$429.20	40	\$429.20
BARITE BULK (100)	100# sk	\$8.17	1200		1200		\$9,804.00		\$16,781.18
2, 2 2 2 2 ()	100% 010	ψο	1200	.200	1200	1200	φο,σοσο	200.	***************************************
OPTI DRILL (OBM)	bbl	\$105.00	3350		2304	1046	\$109,830.00	1212	\$127,260.00
OPTI DRILL (OBM)	bbl	\$75.00						336	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
									1
									<u> </u>
								<u> </u>	
ENGINEERING (24 HR)	each	\$1,050.00	1	1		2	\$2,100.00	20	\$21,000.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	20	-
ENGINEERING (MILES)	each	\$1.00						275	
·									
		\$15.00	1			3	\$45.00	7	
Scale Ticket	each								
TRUCKING (cwt)	each	\$2.48				1218	\$3,020.64	3735	\$9,262.80
TRUCKING (cwt) TRUCKING (min)	each each	\$2.48 \$812.50				1218	\$3,020.64		
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$2.48 \$812.50 \$12.50				1218	\$3,020.64	30	\$375.00
TRUCKING (cwt) TRUCKING (min)	each each	\$2.48 \$812.50				1218	\$3,020.64		\$375.00

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/22/22	MAG	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	rt #12
	DAILY	USAGE 8	COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98								\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75	6216		2000	4216	\$15,810.00		5000	\$18,750.00
Diesel Received 3-19-22	gal	\$4.25	6000		6000					
SUPERCAL	25# sk		320		320					
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
								l.		
					Daily Su	ıb-Total \$1	5,810.00		\$103,0	633.96
	<u> </u>					·		•		
	Cumu	lative Total	AES & 3rd	Party \$352	2,462.57					

F

Operator: MAGNOLIA OIL & GAS
Rig Name: 248

Rig Name: Well Name:

KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	New Hole Vol.	<u> </u>	605	96	-	-	-	-	-	-	-	_	-	-	_	_	_	-	-	_	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
	Chemical Additions		35	3	1,000	_,,	_,	_,	_,	_,	_,	_,,	_,	_,,-	_,,	_,,	_,	_,	_,,	_,	_,	
_	Base Fluid Added		221	119	32																	
	Barite Increase	1	26	14	02																	
	Weighted Mud Added	1,916	264	- '	419																	
,	Slurry Added	1,010	201		110																	
	Water Added		1																			
	Added for Washout																					
	Total Additions	1.016	547	426	451																	
,		1,916	347	136	431	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	
	Surface Losses																					ļ
	Formation Loss																					ļ
•			587	127																		ļ
	Unrecoverable Volume				25																	<u> </u>
214	Centrifuge Losses				48																	<u> </u>
2,704	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Mud Transferred Out																					
2,304	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
-	Mud Recovered																					
				_	ommont	a.						omment							ommont			
					omment	s.						omment	s.						omment	s.		
		2/3/22	Transfer 1 from mud		M from pre	vious well	and receiv	ed 749bls	2/10/22							2/17/22						
3,947		2/4/22	Lost 587b	ls to mud o	on cuttings v	while drillir	ng.		2/11/22							2/18/22						
	1	2/5/22	Lost 127b	ls to mud o	on cuttings v	while drillir	ng.		2/12/22							2/19/22						
		2/6/22	Lost 25bls while cutti	to dumpe	d cement ir eight in activ	iterface an ve pits.	d 48bls to	centrifuge	2/13/22							2/20/22						
		2/7/22							2/14/22							2/21/22						
		2/8/22							2/15/22							2/22/22						
		2/9/22							2/16/22							2/23/22						

Report #13

TEL: (337) 394-1078

10.976' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

88.1°

Drilled Depth **MAGNOLIA OIL & GAS PATTERSON WASHINGTON** 02/01/22 1.152 ft 17,889 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr Rig Service Report fo Report for ield / OCS-G # Fluid Type irculating Rate Circulating Pressure psi **Kevin Burt/ Chris Maveux Tool Pusher GIDDINGS WRM** 197 gpm PUMP #1 PUMP #2 RISER BOOSTER MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) **GELS** API fl PV ΥP % Solids 194 bbl Liner Size Weight pН In Pits Liner Size 4.75 Liner Size 4.75 <5 <10 7-9 <25 2-10 In Hole 12 Stroke 12 Stroke 8.4-9.6 0-10 0-10 0 bbl Stroke 3/23/22 3/22/22 0.0625 172 bbl bbl/stk 0.0625 bbl/stk bbl/stk 0.0000 Active Time Sample Taken 0:30 13:00 2110 bbl 75 0 Storage stk/min stk/min stk/min Sample Location pit pit Tot. on Location 2304 bbl gal/min 197 gal/min 0 gal/min 0 n = 0.585 K = 26.563 Flowline Temperature °F **CIRCULATION DATA** Depth (ft) 17,817 17,817 Bit Depth = 17,361 ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 8.4 8.4 Volume to Bit 0.0 bbl Strokes To Bit Time To Bit Drill String Disp Funnel Vis (sec/qt) @ 67 °F 28 28 Bottoms Up Vol. -22.3 bbl BottomsUp Stks -358 BottomsUp Time -5 min 600 rpm 3 3 342.3 bbl TotalCirc.Vol. 171.7 bbl TotalCirc.Stks 2,748 Total Circ. Time 37 min 300 rpm 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 1 100 rpm 1 Drill Pipe 4.500 17.231 0' Shaker 1 170 6 rpm 1 1 Collars 5.150 130' 17.231 Shaker 2 170 1 1 Dir. BHA 17.361 Shaker 3 170 3 rpm 17,361 @ 120 °F 1 1 Plastic Viscosity (cp) Desander 1 1 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = ID (in.) 1/1 1/1 OD (in.) Centrifuge 1 Gel Strenath (lb/100 ft2) 10 sec/10 min Depth Top Casing 1 1 Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strenath (lb/100 ft²) API Filtrate / Cake Thickness 10 3/4 2,812 0' 2304.2 Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg. 7 5/8 1.460 10,220 Transferred In(+)/Out(-) 0.4% Retort Solids Content 0.4% Washout 1 Oil Added (+) 24.9 Retort Oil Content Washout 2 0.0 Barite Added (+) Retort Water Content 99.6% 99.6% 6.563 17.889 0.0 Open Hole Size Other Product Usage (+) 0% 0% ANNULAR GEOMETRY & RHEOLOGY Water Added (+) Sand Content M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) -25.3 annular velocity FCD meas flow section depth ft/min lb/gal reg nН 7.0 7.0 Lost Returns (-) Alkalinity, Mud Pm centrifuge/evaporation Alkalinities, Filtrate Pf/Mf 1.46x4.5 -266.2 2303.8 10.220' 8.40 Est. Total on Location 211.3 600 6.563x4.5 17,231' 0.0 Chlorides (mg/L) 600 turb 8.52 Est. Losses/Gains (-)/(+) 200 200 6.563x5.15 17,361' 291.4 8.53 **BIT HYDRAULICS DATA** Calcium (ppm) turb Bit H.S.I. Βίτ ΔΡ Nozzles (32nds) Excess Lime (lb/bbl) Average Specific Gravity of Solids 2.60 2.60 0.05 13 psi 18 18 18 Percent Low Gravity Solids 0.4% Nozzle 18 18 18 Bit Impact Velocity Force Percent Drill Solids 0.4% 0.4% (ft/sec) @ 0 °F **BIT DATA** Manuf./Type GTD64M PPA Spurt / Total (ml) @ 36 lbs 42 Calc. Circ. Pressure Estimated Total LCM in System Size Depth In Hours ROP ft/hr Motor/MWD ppb Footage P Blair 6 1/4 24.0 0.0 111 psi Sample Taken By Remarks/Recommendations: Rig Activity: Rot/Sld Drlg under fresh water/produced brine mud cap T/17,817' at pm report time. Currently diagnosing pressure issues/I-BOP. While drilling, adding 5 bbls diesel/5 gallons PHPA per hour. Pumping 10 bbls PHPA sweeps every 3 stands.Drilled to 17889. Prepairing to POOH due to motor @ report time. Up comming: transferring Total allocated 3.516 bbls OBM 12.6 to pits for calculated fill to POOH. Patrick Blair Mike Calais MIDLAND Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-736° 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 Р G S С \$17.486.80 \$266.315.41 0 0 validity of this information, and this is a recommendation of **INCLUDING 3RD PARTY CHARGES** \$21,409.30 \$373,871.87

Date 03/23/22	l .	NOLIA OIL USAGE 8	<u> </u>	Well Name a	IKE MILL I	H08 KL	Rig Name and 24	8 Rep	ort #13
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84	80		80			4:	\$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	27	32	59			1.	\$579.04
EVO-VIS	5 gal	\$192.33	53		53				
NEW GEL (PREMIUM)	100# sk	\$11.54	65		65				
ALUMINUM TRISTEARATE	25# sk	\$81.16	404		404				
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392			330	\$4,811.52
LIME (50)	50# sk	\$5.88	200		200			400	
OPTI - G	50# sk	\$32.44	200		200			250	\$8,110.00
BENTONE 38 (50)	50# sk	\$152.93	52		52			2:	\$3,364.46
BENTONE 910 (50)	50# sk	\$55.55	47		47			1	\$611.05
BENTONE 990 (50)	50# sk	\$88.61	59		59			2	\$2,392.47
OPTI - MUL	gal	\$11.40	715		715			71:	\$8,151.00
OPTI - WET	gal	\$8.84	385		385			104	\$9,237.80
NEW PHALT	50# sk	\$38.72	122		122			10	\$619.52
OIL SORB (25)	25# sk	\$4.75	85		85				
NEW CARB (M)	50# sk	\$5.63	75		75			1:	\$84.45
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	157		157				\$252.45
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL									
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73							
BARITE BULK (100)	100# sk	\$8.17						56	\$4,632.39
NEW WATE (SACK BARITE) BARITE BULK (100)	100# sk 100# sk	\$10.73 \$8.17	40 1200	120 400	160 1600			205	\$429.20 \$16,781.18
OPTI DRILL (OBM)	bbl	\$105.00	2304		2304				2 \$127,260.00
OPTI DRILL (OBM)	bbl	\$75.00						330	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
KILL MUD MIX FEE	each	\$42.60		298		298	\$12,694.80	29	\$12,694.80
ENGINEERING (24 HR)	each	\$1,050.00				2	2 \$2,100.00	2.	2 \$23,100.00
ENGINEERING (24 HK) ENGINEERING (DIEM)	bbl	\$30.00				2		2:	
ENGINEERING (MILES)	each	\$1.00					. ψ00.00	279	· ·
	Saori	\$1.00						213	\$2,0.00
Scale Ticket	each	\$15.00				1	\$15.00		\$120.00
TRUCKING (cwt)	each	\$2.48				400	+		\$120.00
TRUCKING (min)	each	\$812.50				2			\$1,625.00
PALLETS (ea)	each	\$12.50				_	,	30	
SHRINK WRAP (ea)	each	\$12.50						30	\$375.00

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/23/22	MAG	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	24	48	Repo	rt #13
	DAILY	USAGE 8	COST						CUMUI	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98								\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75	2000		954	1046	\$3,922.50		6046	\$22,672.50
Diesel Received 3-19-22	gal	\$4.25	6000		6000					
Diesel Received 3-21-22	gal	\$4.34		7200	7200					
SUPERCAL	25# sk		320		320					
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
					Daily S	ub-Total \$3	3,922.50		\$107,	556.46
	Cumu	lative Total	AES & 3rd	Party \$373	3,871.87					
						1				

Operator: MAGNOLIA OIL & GAS
Rig Name: 248

Well Name: KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																1
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
15,061	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,040	New Hole Vol.	-	605	96	-		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
87	Chemical Additions		35	3																		
785	Base Fluid Added		221	119	32																	1
179	Barite Increase		26	14																		1
3,476	Weighted Mud Added	1,916	264		419																	1
	Slurry Added																					
35	Water Added		1																			į.
-	Added for Washout																					l
5,075	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
,	Formation Loss																					1
, -	Mud Loss to Cuttings		587	127																		1
	Unrecoverable Volume				25																	1
214	Centrifuge Losses				48																	
2,729	Total Losses	-	587	127	73		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
42	Mud Transferred Out																					
2,304	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
	Mud Recovered						1			1			1				1	1	1	1		
	muu necovereu																					

Comments: Comments: Comments: Transfer 1167bls OBM from previous well and received 749bls 2/10/22 2/3/22 2/17/22 from mud plant. 2/4/22 Lost 587bls to mud on cuttings while drilling. 2/11/22 2/18/22 2/5/22 Lost 127bls to mud on cuttings while drilling. 2/12/22 2/19/22 Lost 25bls to dumped cement interface and 48bls to centrifuge 2/13/22 2/20/22 while cutting mud weight in active pits. 2/7/22 2/14/22 2/21/22 2/15/22 2/8/22 2/22/22 2/9/22 2/16/22 2/23/22

3,947

Report #14

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

 0.0°

24 hr ftg Drilled Depth **MAGNOLIA OIL & GAS PATTERSON WASHINGTON** 02/01/22 0 ft 17,889 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr TIH Report fo Report for ield / OCS-G # Fluid Type rculating Rate Circulating Pressure psi **GIDDINGS Kevin Burt/ Chris Maveux Tool Pusher WRM** 0 gpm PUMP #1 PUMP #2 MUD PROPERTY SPECIFICATIONS RISER BOOSTER MUD VOLUME (BBL) **GELS** API fl PV ΥP % Solids 210 bbl Weight pН In Pits Liner Size 4.75 Liner Size 4.75 Liner Size <5 <10 7-9 <25 2-10 In Hole 0 bbl 12 Stroke 12 Stroke 8.4-9.6 0-10 0-10 Stroke 3/24/22 3/23/22 0.0625 0.0625 210 bbl bbl/stk bbl/stk bbl/stk 0.0000 Active Time Sample Taken 0:30 12:00 1932 bbl 0 0 Storage stk/min stk/min stk/min Sample Location pit pit Tot. on Location 2142 bbl gal/min gal/min 0 gal/min 0 n = 0.585 K = 26.563 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) 17,889 17,889' Bit Depth = ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 8.4 Volume to Bit 0.0 bbl Strokes To Bit Time To Bit Drill String Disp Funnel Vis (sec/qt) @ 67 °F 28 29 Bottoms Up Vol. 0.0 bbl BottomsUp Stks BottomsUp Time 600 rpm 3 3 0.0 bbl TotalCirc.Vol. 210.0 bbl TotalCirc.Stks Total Circ. Time 300 rpm 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 1 100 rpm 1 Drill Pipe 4.500 0 0' Shaker 1 170 0.0 0' 170 6 rpm 1 1 Collars 5.150 0' Shaker 2 0.0 1 1 Dir. BHA 0' Shaker 3 170 0.0 3 rpm 0' @ 120 °F 1 1 Plastic Viscosity (cp) Desander 1 1 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = 1/1 1/1 Casing OD (in.) ID (in.) Centrifuge 1 0.0 Gel Strenath (lb/100 ft2) 10 sec/10 min Depth Top 1 1 Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strenath (lb/100 ft²) API Filtrate / Cake Thickness 10 3/4 2,812 0' 2303.8 Prev. Total on Location Int. Csg. HTHP Filtrate / Cake Thickness @ 0 °F 10,220 Transferred In(+)/Out(-) Retort Solids Content 0.4% 0.4% Washout 1 40.5 Oil Added (+) Retort Oil Content Washout 2 Barite Added (+) 27.8 Retort Water Content 99.6% 99.6% 0.000 17.889 0.5 Open Hole Size Other Product Usage (+) Sand Content 0% 0% ANNULAR GEOMETRY & RHEOLOGY Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular meas velocity flow FCD section depth ft/min lb/gal reg nН 7.0 7 1 Lost Returns (-) -230 6 Alkalinity, Mud Pm centrifuge/evaporation Alkalinities, Filtrate Pf/Mf 2142.0 Est. Total on Location 550 500 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) 200 200 **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Nozzles (32nds) Bit ΔP Excess Lime (lb/bbl) Average Specific Gravity of Solids 2.60 2.60 18 18 18 psi Percent Low Gravity Solids 0.4% Nozzle 18 18 18 Bit Impact Velocity Percent Drill Solids 0.4% 0.4% (ft/sec) @ 0 °F **BIT DATA** Manuf./Type Halliburton/PDC PPA Spurt / Total (ml) @ Estimated Total LCM in System ppb Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure N. Dilly P Blair 17,889 ft 24.0 O ft 0.0 Sample Taken By psi Remarks/Recommendations: Rig Activity: Backream 20'/min from 17,889' to 16,840'. SOOH to BHA filling backside with 12.7ppg OBM. Lay down tools and pick up new BHA. Currently TIH at 5,600'. 210bls 17.5ppg kill mud built in active pits. Total allocated 3.516 bbls OBM Patrick Blair Mike Calais MIDLAND Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-736° Phone Phone Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$289.656.64 Р G S С \$23,341.23 0 0

INCLUDING 3RD PARTY CHARGES

\$30,089,23

\$403,961.10

Date 03/24/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	and No. IKE MILL I		Rig Name and No. 248	Report No.	ort #14
	DAILY	USAGE 8	COST	I.					LATIVE
ltem	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cost
			Inventory		Inventory	Usage	Daily Gost	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	80 59		80 59			14	
EVO-VIS	5 gal	\$192.33	53		53				*
NEW GEL (PREMIUM)	100# sk	\$11.54	65		63	2	\$23.08	2	\$23.08
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	¢14.22	392		392			226	¢4 911 52
LIME (50)	50# sk	\$14.32 \$5.88	200		200			336 400	
OPTI - G	50# sk	\$32.44	200		200			250	<u> </u>
BENTONE 38 (50)	50# sk	\$152.93	52		52			22	\$3,364.46
BENTONE 910 (50)	50# sk	\$55.55	47		47			11	\$611.05
BENTONE 990 (50)	50# sk	\$88.61	59		59			27	<u> </u>
OPTI - MUL	gal	\$11.40	715		715			715	<u> </u>
OPTI - WET NEW PHALT	gal 50# sk	\$8.84 \$38.72	385 122		385 122			1045	
OIL SORB (25)	25# sk	\$4.75	85		65	20	\$95.00	20	<u> </u>
(-0)		7					77070		· ·
						_			
		1							
NEW CARB (M)	50# sk	\$5.63	75		70	5	\$28.15	20	\$112.60
CYBERSEAL	25# sk	\$24.40	70		70		ψ <u>2</u> 0.10	20	ψ112.00
MAGMAFIBER F (25)	25# sk	\$28.05	157		157			9	\$252.45
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL									
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50) MICA F (50)	50# sk	\$10.51 \$10.38	80 40		80 40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
		7=0.00	-						
NEW WATE (SACK BARITE)	100# sk	\$10.73						F.0.7	£4.022.20
BARITE BULK (100)	100# sk	\$8.17						567	\$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73	160		160		-	40	\$429.20
BARITE BULK (100)	100# sk	\$8.17	1600		1200	400	\$3,268.00	2454	\$20,049.18
OPTI DRILL (OBM) OPTI DRILL (OBM)	bbl	\$105.00	2304		2142	162	\$17,010.00		\$144,270.00 \$25,200.00
OPTI DRILL (OBM)	bbl	\$75.00						330	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
KILL MUD MIX FEE	each	\$42.60						298	\$12,694.80
								-	
									<u> </u>
ENGINEEDING (04:12)		04.0====					₾0.400.55		#0= 5= ·
ENGINEERING (24 HR) ENGINEERING (DIEM)	each	\$1,050.00				2	\$2,100.00	24	\$25,200.00
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				757	\$60.00 \$757.00	1032	
L S TEE. W. TO (WILLO)	Gacii	Ψ1.00				131	ψ, σ,	1032	ψ1,002.00
									<u>L</u>
Scale Ticket	each	\$15.00						8	
TRUCKING (cwt)	each	\$2.48							\$10,254.80
TRUCKING (min)	each	\$812.50						2	
DALLETO ()	1	\$12.50	•				1	30	\$375.00
PALLETS (ea)	each								
PALLETS (ea) SHRINK WRAP (ea)	each	\$12.50						30	

Date	Operator			Well Name a	and No.		Rig Name an	d No.	Report No.	
03/24/22	MAG	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	24	18	Repo	rt #14
	DAILY	USAGE 8	COST						CUMU	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98								\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75	954			954	\$3,577.50		7000	\$26,250.00
Diesel Received 3-19-22	gal	\$4.25	6000		5254	746	\$3,170.50		746	\$3,170.50
Diesel Received 3-21-22	gal	\$4.34	7200		7200					
SUPERCAL	25# sk		320		312	8			8	
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
								İ		
					Daily S	ub-Total \$	6,748.00		\$114,	304.46
	Cumu	lative Total	AES & 3rd	Party \$403	3,961.10					
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OUTSOURCE FLUID SOLUTIONS LLC.

Operator: MAGNOLIA OIL & GAS
Rig Name: 248

Rig Name: Well Name:

KLONDIKE MILL H08 KL

				WEEK 1							WEEK 2							WEEK 3			
Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
																					Wed
Bit Size																					
Starting Depth						10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
· ·													-								10,230
				-	-					-		-					-	-			-
																					-
	_																				2,263
				1,005	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203
				32																	
				32																	
	1.016		14	410																	
	1,916	204		419																	
		-																			
		- 1																			
	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		587	127																		
Centrifuge Losses				48																	
Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mud Transferred Out																					
Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
Mud Recovered																					
																				I	
			C	omments	s:					C	omment	s:					C	omment	s:		
	0/0/00	Transfer 1	167bls OB	M from pre	vious well	and receiv	ed 749bls	0/4.0/00							0/47/00						
	2/3/22	from mud	plant.					2/10/22							2/1//22						
	0/4/00	Loot E07h	la ta mud a	n auttinga u	برامنام طعناانم	.~		0/44/00							0/4 0/00						
	2/4/22	LUSI 307DI	is to mud o	in cullings v	vrille drillir	ıy.		2/11/22							2/18/22						
	2/5/22	Lost 127b	le to mud o	n cuttings v	vhile drillin	na.		2/12/22							2/10/22						
	2/3/22	LUST 127 DI	is to mud o	iii cuttiiigs v	ville dillill	ıy.		2/12/22							2/13/22						
						d 48bls to	centrifuge	2/13/22							2/20/22						
		while cutti	ng mud we	ight in activ	e pits.																
	2/7/22							2/14/22							2/21/22						
	2/8/22							2/15/22							2/22/22						
	2/9/22							2/16/22							2/23/22						
BSEFNSCBBWSWATSFWUC	Bit Size Starting Depth Ending Depth Footage Drilled New Hole Vol. Starting System Volume Chemical Additions Base Fluid Added Barite Increase Veighted Mud Added Sturry Added Vater Added Vater Added Vater Added Vater Added Vater Added Volume Cotal Additions Surface Losses Formation Loss Mud Loss to Cuttings Unrecoverable Volume Centrifuge Losses Fotal Losses Fotal Losses Mud Transferred Out Ending System Volume Mud Recovered	Bit Size 9 7/8 Starting Depth 2,828 Ending Depth 2,828 Ending Depth 2,828 Footage Drilled - Starting System Volume Chemical Additions Base Fluid Added Barite Increase Veighted Mud Added Vater Added	Thu Fri	Thu	Thu	Thu	Thu	Thu	Thu	Thu	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat States 9.7/8 9.7/8 9.7/8 9.7/8 9.7/8 9.7/8 0.7/2008 6.34/4	Thu	Thu	Thu	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Size 978 97780 8 97780 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 8 9745 1 97450 9 974	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Tue	Thu Fri Sat 978	Thu	Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Thu Wed Thu Fri Sat Sun Mon Thu Wed Thu Fri Sat Sun Sun Thu	Thu	The Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu The

Report #15

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110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

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MAGNOLIA OIL & GAS PATTERSON WASHINGTON 02/01/22 1.540 ft 19.429 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr **POOH** Report fo Report for ield / OCS-G # Fluid Type rculating Rate Circulating Pressure psi **Kevin Burt/ Chris Maveux Tool Pusher GIDDINGS WRM** 0 gpm PUMP #1 PUMP #2 MUD PROPERTY SPECIFICATIONS RISER BOOSTER MUD VOLUME (BBL) **GELS** API fl PV ΥP % Solids 292 bbl Weight pН In Pits Liner Size 4.75 Liner Size 4.75 Liner Size <5 <10 7-9 <25 In Hole 0 bbl 12 12 Stroke 8.4-9.6 0-10 0-10 2-10 Stroke Stroke 3/25/22 3/24/22 292 bbl bbl/stk 0.0625 bbl/stk 0.0625 bbl/stk 0.0000 Active Time Sample Taken 0:30 12:00 Storage 1700 bbl 0 0 stk/min stk/min stk/min Sample Location pit pit Tot. on Location 1992 bbl gal/min gal/min 0 gal/min 0 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** n = 0.585 K = 26.563 Depth (ft) 19,429 18,067 Bit Depth = ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 8.4 Volume to Bit 0.0 bbl Strokes To Bit Time To Bit Drill String Disp 0.0 bbl Funnel Vis (sec/qt) @ 67 °F 28 29 Bottoms Up Vol. BottomsUp Stks BottomsUp Time 600 rpm 3 3 0.0 bbl TotalCirc.Vol. 292.0 bbl TotalCirc.Stks Total Circ. Time 300 rpm 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 200 rpm 1 100 rpm 1 Drill Pipe 4.500 0 0' Shaker 1 170 0.0 0' 6 rpm 1 1 Collars 5.150 0' Shaker 2 170 0.0 1 1 Dir. BHA 0' Shaker 3 170 0.0 3 rpm @ 120 °F 1 1 0' Plastic Viscosity (cp) Desander 1 1 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft2) T0 = OD (in.) 1/1 1/1 ID (in.) Centrifuge 1 0.0 Gel Strenath (lb/100 ft2) 10 sec/10 min Depth Top Casing 1 1 Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strenath (lb/100 ft²) API Filtrate / Cake Thickness 10 3/4 2,812 0' Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg. 10,220 Transferred In(+)/Out(-) Retort Solids Content 0.4% 0.4% Washout 1 38.0 Oil Added (+) Retort Oil Content Washout 2 24.4 Barite Added (+) Retort Water Content 99.6% 99.6% 0.000 19 429 1.7 Open Hole Size Other Product Usage (+) 0% 0% ANNULAR GEOMETRY & RHEOLOGY Water Added (+) Sand Content M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular velocity FCD meas flow section depth ft/min lb/gal reg nН 7.0 7 1 Lost Returns (-) -214 1 Alkalinity, Mud Pm centrifuge/evaporation Alkalinities, Filtrate Pf/Mf 1992.0 Est. Total on Location 540 500 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) 220 200 **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Bit ΔP Nozzles (32nds) Excess Lime (lb/bbl) Average Specific Gravity of Solids 2.60 2.60 18 18 18 psi Percent Low Gravity Solids 0.4% Nozzle 18 18 18 Bit Impact Velocity Percent Drill Solids 0.4% 0.4% (ft/sec) @ 0 °F **BIT DATA** Manuf./Type Halliburton/PDC PPA Spurt / Total (ml) @ Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure Estimated Total LCM in System ppb P. Blair 17,889 ft 15.0 1,540 ft 102.7 Sample Taken By N. Dilly Remarks/Recommendations: Rig Activity: Treated drill water with 5.3bls/hr diesel and 3.5gal/hr PHPA. Pumped 10bls hi-vis 1.7ppb PHPA sweeps every 300' drilled. TIH to 16,982'. Wash/Ream to 17,889'. Drill/Slide with freshwater/produced water to 17,909'. Pumped 150bls 17.5ppg OBM kill mud down backside to suppress casing pressure. Drill/Slide with freshwater/produced water to 19,429' TD. Pump 2x30bls tandem PHPA sweeps and chase with 8,300 strokes freshwater for clean up cycle. Built 280bls 13.2ppg OBM in pits 5 & 7 for fill mud. Prepare to POOH at report time. Received 780bls production water. Patrick Blair Mike Calais MIDLAND Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-736° Phone Phone: Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$311.005.18 Р S С \$21,348.54 G 0 0 **INCLUDING 3RD PARTY CHARGES** \$28,140.04 \$432,101.14

Date 03/25/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	and No. DIKE MILL I	H08 KL	Rig Name and 248		ort #15
	DAILY	USAGE 8	COST	I					ILATIVE
_			Previous		Closing	Daily		Cum	
Item	Unit	Unit Cost	Inventory	Received	Inventory	Usage	Daily Cost	Usage	Cum Cost
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	80 59	-38	42 45	14	\$579.04	28	
EVO-VIS	5 gal	\$192.33	53		53		ψον στο τ		φ.,.σσ.σσ
NEW GEL (PREMIUM)	100# sk	\$11.54	63		63			2	2 \$23.08
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392			336	6 \$4,811.52
LIME (50)	50# sk	\$5.88	200		200			400	\$2,352.00
OPTI - G	50# sk	\$32.44	200		200			250	-
BENTONE 38 (50)	50# sk	\$152.93	52		52			22	+
BENTONE 910 (50)	50# sk	\$55.55	47		47			1	<u> </u>
BENTONE 990 (50) OPTI - MUL	50# sk	\$88.61 \$11.40	59 715		59 715			71	<u> </u>
OPTI - WET	gal gal	\$8.84	385		385			104	+
NEW PHALT	50# sk	\$38.72	122		122			16	
OIL SORB (25)	25# sk	\$4.75	65		65			20	
NEW CARB (M)	50# sk	\$5.63	70		70			20	\$112.60
CYBERSEAL	25# sk	\$24.40	70		70			2	ψ11 <u>2.</u> 00
MAGMAFIBER F (25)	25# sk	\$28.05	157		157			9	\$252.45
MAGMAFIBER R (30)	30# sk	\$28.05							
VARISEAL									
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73							
BARITE BULK (100)	100# sk	\$8.17						567	7 \$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73			160			40	· ·
BARITE BULK (100)	100# sk	\$8.17	1200		850	350	\$2,859.50	2804	\$22,908.68
									1
OPTI DRILL (OBM)	bbl	\$105.00	2142		1992	150	\$15,750.00		\$160,020.00
OPTI DRILL (OBM)	bbl	\$75.00						336	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
DIGGGGIVIED GBW	DDI	Ψ10.00							
KILL MUD MIX FEE	each	\$42.60						298	3 \$12,694.80
	i								
		A		1	Ī	2	\$2,100.00	26	\$27,300.00
ENGINEERING (24 HR)	each	\$1,050.00			1				A
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	20	
` ,						2	\$60.00	1032	
ENGINEERING (DIEM) ENGINEERING (MILES)	bbl each	\$30.00 \$1.00				2	\$60.00	1032	2 \$1,032.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	bbl each	\$30.00 \$1.00 \$15.00				2	\$60.00	1032	\$1,032.00 3 \$120.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt)	bbl each	\$30.00 \$1.00 \$15.00 \$2.48				2	\$60.00	1032	\$1,032.00 \$1,032.00 \$3 \$120.00 \$10,254.80
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket	each	\$30.00 \$1.00 \$15.00				2	\$60.00	1032	\$1,032.00 \$1,032.00 \$\$120.00 \$\$10,254.80 \$2\$\$1,625.00
ENGINEERING (DIEM) ENGINEERING (MILES) Scale Ticket TRUCKING (cwt) TRUCKING (min)	each each each each	\$30.00 \$1.00 \$15.00 \$2.48 \$812.50				2	\$60.00	1033 4133	2 \$1,032.00 3 \$120.00 5 \$10,254.80 2 \$1,625.00 0 \$375.00

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/25/22	MAG	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	rt #15
	DAILY	USAGE 8	k COST						CUMUI	LATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75							7000	\$26,250.00
Diesel Received 3-19-22	gal	\$4.25	5254		3656	1598	\$6,791.50		2344	\$9,962.00
Diesel Received 3-21-22	gal	\$4.34	7200		7200					
SUPERCAL	25# sk		312		312				8	
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
		<u> </u>	<u> </u>	<u> </u>	Daile C	ub-Total *	6 704 50		¢404.4	005.00
					Daily S	ub-Total \$	U, 1 9 1.3U		\$121,0	J33.30
	Cumu	ılative Total	AES & 3rd	Party \$432	2,101.14					
	<u> </u>					l				

WEEK 1

Operator: MAGNOLIA OIL & GAS
Rig Name: 248
Well Name: KLONDIKE MILL H08 KL

WEEK 2

WEEK 3

	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
16,601	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,108	New Hole Vol.	-	605	96	-	-	-	-	-	-		•	-	-	•	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
90	Chemical Additions		35	3																		
863	Base Fluid Added		221	119	32																	
231	Barite Increase		26	14																		
	Weighted Mud Added	1,916	264		419																1	
	Slurry Added	.,																				
	Water Added		1																			
- 33																.				 _		
	Added for Washout																					
· ·	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																			<u> </u>	ļ	
1,730	Formation Loss																					
1,118	Mud Loss to Cuttings		587	127																	I	
113	Unrecoverable Volume				25																	
	Centrifuge Losses				48																	
				1															1			
3,174	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Mud Transferred Out																					
1,992	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
	Mud Recovered									•							-	•				
	Midd Necovered			_															ļ.			
				С	omment	s:					С	omment	s:					С	omment	s:		
		2/3/22	Transfer 1 from mud		BM from pre	vious well	and receiv	ed 749bls	2/10/22							2/17/22						
	7																					
3,947	,	2/4/22	Lost 587b	ls to mud o	on cuttings v	while drillir	ng.		2/11/22							2/18/22						
L																						
		2/5/22	1 1 4071	te de les les les les les les les les les le		منالت طعناانه	~~		2/12/22							2/19/22						
		2/5/22	LOST 127D	is to mua c	on cuttings v	wrine ariiir	ıg.		2/12/22													
		2/6/22	Lost 25bls	s to dumpe	d cement in	nterface an		centrifuge	2/13/22							2/20/22						
			Lost 25bls	s to dumpe	d cement ir	nterface an		centrifuge								2/20/22						
			Lost 25bls	s to dumpe	d cement ir	nterface an		centrifuge								2/20/22 2/21/22						
		2/6/22	Lost 25bls	s to dumpe	d cement ir	nterface an		centrifuge	2/13/22													
		2/6/22	Lost 25bls	s to dumpe	d cement ir	nterface an		centrifuge	2/13/22							2/21/22						
		2/6/22	Lost 25bls	s to dumpe	d cement ir	nterface an		centrifuge	2/13/22							2/21/22						

Report #16

TEL: (337) 394-1078

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

Report for	DIKE MI Burt/ Ch	LL H08	KI	Rig Name and	ı NO.		County / Parish / Block						L DOD	0 ft 19,429			
Weight	Burt/ Ch				248			EXAS	S		1/22	Current	O ft/hr	,	,	ın Ca	asing
Weight	Burt/ Ch			Report for			Field / OCS-G #		FI	luid Type		Circula	ting Rate		Circulati		
Ğ		ris May	/eux	То	ol Push	ner	GID	DINGS		WI	3 M		0 gpm			p	Si
Ğ	MUD	PROPER	TY SPECIF	ICATIONS	3		MUD VO	LUME (BE	BL)	PUM	IP #1		PUMP #2	!	RISE	R BC	OSTE
8.4-9.6	PV	YP	GELS	рН	API fI	% Solids	In Pits	150) bbl	Liner Size	4.75	Liner	Size 4	.75	Liner	Size	
	0-10	0-10	<5 <10	7-9	<25	2-10	In Hole	0	bbl	Stroke	12	Stro	oke	12	Strol	ke	
				3/26/22		3/25/22	Active	150) bbl	bbl/stk	0.0625	bbl/	/stk 0.0	0625	bbl/s	stk	0.000
Time Sample T	aken			0:30		12:00	Storage	<u>151</u>	9 bbl	stk/min	0	stk/	min	0	stk/n	nin	
Sample Location				pit		pit	Tot. on Lo	cation 166	9 bbl	gal/min	0	gal/	min	0	gal/n	nin	0
Flowline Tempe	erature °F							PHHP = 0		CI	RCULATIO	ON DA					ζ = 26.5
Depth (ft)				19,429'		19,429'	E	Bit Depth =			Washout =			Pump			95%
Mud Weight (pp	pg)			8.4		8.4	Drill String Disp.	Volume	to Bit	0.0 bbl	Strokes	To Bit		1	Γime T	o Bit	
Funnel Vis (sec	c/qt)		@ 67 °F	28		29	Disp.	Bottoms L	Jp Vol.	0.0 bbl	BottomsU	p Stks		Bottor	nsUp 1	Γime	
600 rpm				3		3	0.0 bbl	TotalCi	rc.Vol.	150.0 bbl	TotalCir	c.Stks		Total	Circ.	Γime	
300 rpm				2		2		DRILLIN	G ASSE	MBLY DA	ATA		S	OLIDS	CON	ITRO	-
200 rpm				1		1	Tubulars	OD (in.)	ID (i	n.) Le	ngth T	ор	Unit		Scree	ens	Hour
100 rpm				1		1	Drill Pipe	4.500			0'	0'	Shake	r 1	17	0	0.0
6 rpm				1		1	Collars	5.150			0'	0'	Shake	r 2	17	0	0.0
3 rpm				1		1	Dir. BHA					0'	Shake	r 3	17	0	0.0
Plastic Viscosit	y (cp)		@ 120 °F	1		1						0'	Desan	der			
Yield Point (lb/1	100 ft²)		T0 = 1	1		1		CASIN	IG & HO	OLE DATA	١		Desilt	er			
Gel Strength (lb	o/100 ft²)	10	sec/10 min	1/1		1/1	Casing	OD (in.)	ID (i	in.) De	epth T	ор	Centrifu	ge 1			0.0
Gel Strength (It	b/100 ft ²)		30 min	1		1	Riser	20					VOLU	/IE AC	COUN	ITING	(bbls
API Filtrate / Ca	ake Thickn	ess					Surface	10 3/4		2,	312'	0'	Prev. 7	otal or	n Loca	tion	1992
HTHP Filtrate /	Cake Thic	kness	@ 0 °F				Int. Csg.	7 5/8		10	220'	0'	Transfe	erred In	ı(+)/O	ut(-)	159
Retort Solids C	ontent			0.4%		0.4%	Washout 1							Oil	Addec	d (+)	:
Retort Oil Conte	ent						Washout 2							Barite .	Added	d (+)	28
Retort Water C	ontent			99.6%		99.6%	Oper	n Hole Size	0.00	00 19	429'		Other Pi	roduct	Usage	+)	(
Sand Content				0%		0%	ANI	NULAR GE	OMETI	RY & RHE	OLOGY		,	Water .	Added	d (+)	
M.B.T. (Methyle	ene Blue C	apacity)	(ppb)				annula	r me	eas.	velocity	flow E	CD	Le	ft on C	utting	s (-)	(
рН				7.0		7.1	section		epth	ft/min	1 1	/gal		Lost F	Return	s (-)	-51
Alkalinity, Mud	Pm								1				centrif	uge/ev	apora	tion	
Alkalinities, Filti	rate Pf/Mf												Est. 7	otal or	n Loca	ition	1669
Chlorides (mg/l	L)			540		500							Est. Los	ses/Ga	ains (-)	-)/(+)	(
Calcium (ppm)				220		200							BIT	HYDR	AULIC	CS DA	TA
Excess Lime (It	b/bbl)												Bit H.S.I.	Bit A	ΔΡ	Nozzle	es (32n
Average Specif	•	of Solids		2.60	2.60	2.60									f		
Percent Low G				0.4%		0.4%							Rit Impac	Noz			
Percent Drill Sc				0.4%		0.4%							Bit Impact Force	Velo (ft/s			
PPA Spurt / Tot	tal (ml) @		@ 0 °F				BIT D	ATA	Man	uf./Type					<i>^</i>		
Estimated Tota	. ,	ystem	ppb				Size	Depth In	Hou	- 1	otage RO	P ft/hr	Motor/M	IWD	Calc.	Circ.	Pressu
Sample Taken			*	N. Dilly		P. Blair											
Remarks/Recom	nmendations	s:					Rig Activity:										
No treatment Sent Patters	son 285 9 56 bbls 1	7bbls 9. 7.5 kill m	0 OBM aud from N				3,140' (a (casing (aying dowi gitator). P Opsi). Finis OOH (1.9b	umped h POC	d 50bls 17 OH laying	'.5ppg kill down DP	mud o and B	down bac HA. Filled	kside f d hole	or sa with 1	fety n 13.2p	nargin pg OE
Received 0	•																
g	Patrick Blair 36-465-0952		5	ck Dilly 207-8848	WH 1: Phone:	MIDLAND WH 2: WH #2 Rig Phone: Daily Total 432-686-7361 Phone: -					ı	Cui	mulativ	e Cost			
	g G	р A 1 1	S C	Any opini	ion and or re	commendation, expressed orally or written herein, has been prepared used if the user so elects, however, no representation is made as to the tion, and this is a recommendation only.						0	\$379,505.88				

INCLUDING 3RD PARTY CHARGES

\$68,789.70

\$500,890.84

	MAGI	NOLIA OIL		Well Name a	ING NO. DIKE MILL I	H08 KL	Rig Name and 248		ort #16
	DAILY	USAGE 8	k COST	I.					LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost	Cum	Cum Cost
			Inventory	Received	Inventory	Usage	Daily Cost	Usage	
SAPP (50) PHPA LIQUID (pail)	50# sk 5 gal	\$46.84 \$41.36	42 45		42 45			28	\$1,967.28 \$1,158.08
EVO-VIS	5 gal	\$192.33	53		53				ψ1,100.00
NEW GEL (PREMIUM)	100# sk	\$11.54	63		63			2	\$23.08
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
24010 (50)	50". 1	04400	000		000			200	04.044.50
CACL2 (50) LIME (50)	50# sk	\$14.32 \$5.88	392 200		392 200			400	\$4,811.52 \$2,352.00
OPTI - G	50# sk	\$32.44	200		200			250	<u> </u>
BENTONE 38 (50)	50# sk	\$152.93	52		52			22	
BENTONE 910 (50)	50# sk	\$55.55	47		47			11	
BENTONE 990 (50)	50# sk	\$88.61	59		59			27	· ·
OPTI - MUL	gal	\$11.40	715		715			715	\$8,151.00
OPTI - WET	gal	\$8.84	385		330	55	\$486.20	1100	\$9,724.00
NEW PHALT	50# sk	\$38.72	122		122			16	\$619.52
OIL SORB (25)	25# sk	\$4.75	65		65			20	\$95.00
NEW CADD (M)	FO.!! -1	ФE 00	70		70			20	¢440.00
NEW CARB (M) CYBERSEAL	50# sk 25# sk	\$5.63 \$24.40	70		70			20	\$112.60
MAGMAFIBER F (25)	25# sk	\$24.40	157		157			9	\$252.45
MAGMAFIBER R (30)	30# sk	\$28.05	107		107				Ψ202.40
VARISEAL	30% 0.1	\$20.00							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
NEW WATE (SACK BARITE)	100# sk	\$10.73						F07	¢4 coo oo
BARITE BULK (100)	100# sk	\$8.17						567	\$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73	160		160			40	\$429.20
BARITE BULK (100)	100# sk	\$8.17	850	406	850	406	\$3,317.02		\$26,225.70
		40					40,01110		, ,
OPTI DRILL (OBM)	bbl	\$105.00	1992	159	1669	482	\$50,610.00	2006	\$210,630.00
OPTI DRILL (OBM)	bbl	\$75.00						336	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
KILL MUD MIX FEE	each	\$42.60		256		256	\$10,905.60	554	\$23,600.40
						_			
								<u> </u>	
ENGINEERING (24 HR)	each	\$1,050.00				2	\$2,100.00	28	\$29,400.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	28	
ENGINEERING (MILES)	each	\$1.00						1032	<u> </u>
· ,									
	each	\$15.00				1	\$15.00	9	
Scale Ticket			i –	1	ı T	406	\$1,006.88	1E 11	\$11,261.68
TRUCKING (cwt)	each	\$2.48				100	ψ1,000.00		
TRUCKING (cwt) TRUCKING (min)	each	\$812.50				100	ψ1,000.00	2	\$1,625.00
TRUCKING (cwt) TRUCKING (min) PALLETS (ea)	each each	\$812.50 \$12.50				100	41,000.00	30	\$1,625.00 \$375.00
TRUCKING (cwt) TRUCKING (min)	each	\$812.50				100	ψ1,000.00	2	\$1,625.00 \$375.00

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/26/22	MAGN	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	24	48	Repo	rt #16
	DAILY	USAGE 8	COST						CUMUI	ATIVE
ltem	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75								\$26,250.00
Diesel Received 3-19-22	gal	\$4.25	3656		3588	68	\$289.00			\$10,251.00
Diesel Received 3-21-22	gal	\$4.34	7200		7200		\$200.00			ψ10,201100
Diesel Neselved 5 21 22	gai	ψ4.04	7200		7200					
SUPERCAL	25# sk		312		312				8	
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
					1					
					1					
						<u> </u>				
					İ					
	[1	1	1		–				
					Daily S	Sub-Total \$	289.00		\$121,	384.96
								•		
	Cum	lative Total	AES & 2rd	Party \$500	0 890 84					
	Cumu		ALU G SIU	. arry #500	.,					
						1				

WEEK 1

2/9/22

Operator: MAGNOLIA OIL & GAS

Rig Name: Well Name:

KLONDIKE MILL H08 KL

WEEK 2

WEEK 3

2/23/22

2/3/22 2/4/22 2/5/22 2/6/22 2/7/22 2/8/22 2/9/22 2/10/22 | 2/11/22 | 2/12/22 | 2/13/22 | 2/14/22 | 2/15/22 | 2/16/22 | 2/17/22 | 2/18/22 | 2/19/22 | 2/20/22 | 2/21/22 | 2/22/22 | 2/23/22 Date Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun Mon Tue Wed Bit Size 9 7/8 9 7/8 9 7/8 9/7/2008 6 3/4 Grand Starting Depth 2,828 2,828 9,215 10,230 2,828 9,215 10,230 10,230 10,230 10,230 10,230 10,230 10,230 10,230 10,230 10,230 10,230 Totals **Ending Depth** 16,601 Footage Drilled 6,387 1,015 -1,108 New Hole Vol. 605 96 Starting System Volume 1,916 1,876 1,885 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 90 Chemical Additions 35 221 119 32 866 Base Fluid Added 259 Barite Increase 26 14 3,732 Weighted Mud Added 1.916 264 419 513 Slurry Added 35 Water Added Added for Washout 5.495 Total Additions 547 451 1,916 136 Surface Losses 2,243 Formation Loss 1,118 Mud Loss to Cuttings 587 127 113 Unrecoverable Volume 25 48 214 Centrifuge Losses 3.687 Total Losses 587 127 73 -139 Mud Transferred Out 1,669 2,263 2,263 **Ending System Volume** 1,876 1,885 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 2,263 1,916 Mud Recovered Comments: Comments: Comments: Transfer 1167bls OBM from previous well and received 749bls 2/3/22 2/10/22 2/17/22 from mud plant. 4,106 2/11/22 2/4/22 Lost 587bls to mud on cuttings while drilling. 2/18/22 2/5/22 Lost 127bls to mud on cuttings while drilling. 2/12/22 2/19/22 Lost 25bls to dumped cement interface and 48bls to centrifuge 2/13/22 2/20/22 while cutting mud weight in active pits. 2/7/22 2/14/22 2/21/22 2/8/22 2/15/22 2/22/22

2/16/22

Report #17

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

Engineer Start Date

TEL: (337) 394-1078

Drilled Depth

 0.0°

24 hr ftg

MAGNOLIA OIL & GAS PATTERSON WASHINGTON 02/01/22 0 ft 19.429 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr **Cement Casing** Report fo Report for ield / OCS-G # Fluid Type irculating Rate Circulating Pressure **Kevin Burt/ Chris Maveux Tool Pusher GIDDINGS WRM** 0 gpm psi PUMP #1 PUMP #2 RISER BOOSTER MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) **GELS** API fl PV ΥP % Solids 290 bbl Weight pН In Pits Liner Size 4.75 Liner Size 4.75 Liner Size <5 <10 7-9 <25 2-10 In Hole 0 bbl 12 Stroke 12 Stroke 8.4-9.6 0-10 0-10 Stroke 3/27/22 3/26/22 0.0625 290 bbl bbl/stk 0.0625 bbl/stk bbl/stk 0.0000 Active Time Sample Taken 0:30 12:00 0 0 Storage 1500 bbl stk/min stk/min stk/min Sample Location pit pit Tot. on Location 1790 bbl gal/min gal/min 0 gal/min 0 n = 0.585 K = 26.563 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) 19,429 19,429' Bit Depth = ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) 8.4 Volume to Bit 0.0 bbl Strokes To Bit Time To Bit Drill String Disp 0.0 bbl Funnel Vis (sec/qt) @ 67 °F 28 29 Bottoms Up Vol. BottomsUp Stks BottomsUp Time 600 rpm 3 3 0.0 bbl TotalCirc.Vol. 290.0 bbl TotalCirc.Stks Total Circ. Time 300 rpm 2 2 DRILLING ASSEMBLY DATA SOLIDS CONTROL 200 rpm 1 1 Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 1 100 rpm 1 Drill Pipe 4.500 0 0' Shaker 1 170 0.0 0' 170 6 rpm 1 1 Collars 5.150 0' Shaker 2 0.0 1 1 Dir. BHA 0' Shaker 3 170 0.0 3 rpm @ 120 °F 1 1 0' Plastic Viscosity (cp) Desander 1 1 **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = 1/1 1/1 Casing OD (in.) ID (in.) Centrifuge 1 0.0 Gel Strenath (lb/100 ft²) 10 sec/10 min Depth Top 1 1 Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strenath (lb/100 ft²) API Filtrate / Cake Thickness 10 3/4 2,812' 0' 1669.0 Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg. 7 5/8 10,220 Transferred In(+)/Out(-) 247.0 Retort Solids Content 0.4% 0.4% 5 0.0 Prod. 1/2 9,528 Oil Added (+) Retort Oil Content Prod. 19,419' 9,528 17.4 5 Barite Added (+) Retort Water Content 99.6% 99.6% 0.000 19.429 0.0 Open Hole Size Other Product Usage (+) 0% 0% ANNULAR GEOMETRY & RHEOLOGY Water Added (+) Sand Content M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular velocity FCD meas flow section depth ft/min lb/gal reg nН 7.0 7 1 Lost Returns (-) -143 4 Alkalinity, Mud Pm Non-Recoverable Vol. (-) Alkalinities, Filtrate Pf/Mf 1790.0 Est. Total on Location 540 500 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) 220 200 **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Bit ∆P Nozzles (32nds) Excess Lime (lb/bbl) Average Specific Gravity of Solids 2.60 2.60 Percent Low Gravity Solids 0.4% Nozzle Bit Impact Velocity Percent Drill Solids 0.4% 0.4% (ft/sec) @ 0 °F **BIT DATA** Manuf./Type PPA Spurt / Total (ml) @ Footage Calc. Circ. Pressure Estimated Total LCM in System Size Depth In Hours ROP ft/hr Motor/MWD ppb N. Dilly P Blair Sample Taken By Remarks/Recommendations: Rig Activity: No treatment while running casing Run 5" casing to 9,891'. Run 5 1/2" casing from 9,891' to 18,671'. Wash/Ream casing to 19,419'. Pump 17.5ppg kill mud down backside to kill well before pulling rotating head and picking up landing joint. Land casing and pump additional 25bls 17.5ppg kill mud down backside for safety margin (Casing Opsi). Rig down casing equipment and rig up cement head. Circulate 1 casing capacity with freshwater. Received 247 bbls 17.5 kill mud from NewPark. Perform 1st stage cement job at report time. Received Obls of produced water. Patrick Blair Nick Dilly MIDLAND Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 1: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-736° Phone Phone: Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$407.460.58 Р G S С \$27,954.70 0 0

INCLUDING 3RD PARTY CHARGES

\$27,954.70

\$528.845.54

Date 03/27/22	Operator MAGI	NOLIA OIL	& GAS	Well Name a	and No. DIKE MILL I		Rig Name and	Rep	ort #17
	DAILY	USAGE 8	COST					CUMU	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily	Daily Cost	Cum	Cum Cost
SAPP (50)	50# sk	\$46.84	42		42	Usage		Usage 42	\$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	45		45				\$1,158.08
EVO-VIS	5 gal	\$192.33	53	-53					
NEW GEL (PREMIUM)	100# sk	\$11.54	63		63			- 2	\$23.08
ALUMINUM TRISTEARATE	25# sk	\$81.16							
SODA ASH (50)	50# sk	\$11.38	134		134				
CACL2 (50)	50# sk	\$14.32	392		392			336	\$4,811.52
LIME (50)	50# sk	\$5.88	200		200			400	\$2,352.00
OPTI - G	50# sk	\$32.44	200		200			250	
BENTONE 38 (50)	50# sk	\$152.93	52		52			22	<u> </u>
BENTONE 910 (50)	50# sk	\$55.55	47		47			1	· ·
BENTONE 990 (50)	50# sk	\$88.61	59		59			27	<u> </u>
OPTI - MUL	gal	\$11.40	715		715			718	
OPTI - WET	gal	\$8.84	330		330			1100	
NEW PHALT	50# sk	\$38.72	122		122			16	+ · ·
OIL SORB (25)	25# sk	\$4.75	65		65			20	\$95.00
NEW CARB (M)	50# sk	\$5.63	70		70			20	\$112.60
CYBERSEAL	25# sk	\$24.40							
MAGMAFIBER F (25)	25# sk	\$28.05	157		157			9	\$252.45
MAGMAFIBER R (30) VARISEAL	30# sk	\$28.05							
FIBER PLUG	30# sk	\$30.37							
NUT PLUG M (50)	50# sk	\$10.51	80		80				
MICA F (50)	50# sk	\$10.38	40		40				
GRAPHITE POWDER F (50)	50# sk	\$25.59	64		64				
		212 = 2							
NEW WATE (SACK BARITE)	100# sk	\$10.73							
BARITE BULK (100)	100# sk	\$8.17						50	\$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73	160		160			40	\$429.20
BARITE BULK (100)	100# sk	\$8.17	850		600	250	\$2,042.50		\$28,268.20
Britis Bolit (100)	100% 010	φο.ττ	000		000	200	Ψ2,0 12.00	0.100	, 420,200.20
OPTI DRILL (OBM)	bbl	\$105.00	1669	247	1790	126	\$13,230.00		\$223,860.00
OPTI DRILL (OBM)	bbl	\$75.00						336	\$25,200.00
DISCOUNTED OBM	bbl	\$15.00							
KILL MUD MIX FEE	each	\$42.60		247		247	\$10,522.20	80	\$34,122.60
ENGINEERING (24 HR)	each	\$1,050.00				2	\$2,100.00	30	\$31,500.00
ENGINEERING (DIEM)	bbl	\$30.00				2	\$60.00	30	\$900.00
ENGINEERING (MILES)	each	\$1.00						1032	+
Scale Ticket	each	\$15.00							\$135.00
TRUCKING (cwt)	each	\$15.00							\$11,261.68
TRUCKING (cwt) TRUCKING (min)	each	\$812.50			+				\$1,625.00
PALLETS (ea)	each	\$12.50			+			30	
SHRINK WRAP (ea)	each	\$12.50						30	· ·
. ,									
		Daily Su	ıb-Total \$2	7,954.70	Cumulativ	e Total \$4	107,460.58	\$407	,460.58

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/27/22	MAGN	IOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	rt #17
	DAILY	USAGE 8	COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95						1	7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75							7000	\$26,250.00
Diesel Received 3-19-22	gal	\$4.25	3588		3588				2412	\$10,251.00
Diesel Received 3-21-22	gal	\$4.34	7200		7200			<u> </u> -		
SUPERCAL	25# sk		312		312				8	
SWEEP AID	25# sk		96		96					
PRO V PLUS	25# sk		304		304					
PRO X	25# sk		312		312					
								1		
								1		
								1		
								1		
								1		
								1		
							1	1		
								1		
								1		
								1		
	ı								\$121,3	384.96
	Cumu	lative Total	AES & 3rd	Party \$528	3,845.54					
	Gama		010	, 4020	,					

Operator: Rig Name:

rator: MAGNOLIA OIL & GAS
Name: 248

Well Name:

KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8		9/7/2008	6 3/4																
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	_	-	_	-	-	-	_
	New Hole Vol.	_	605	96	_		_	-	_	-	-	_	_	_	_	_	_	_	-	_		_
1,100	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
00					1,000	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203	2,203
	Chemical Additions Base Fluid Added		35 221	119	32																	\vdash
	Barite Increase				32																	
		4.040	26	14	440																	
	Weighted Mud Added	1,916	264		419																	
	Slurry Added		1																			
	Water Added		1																			
-	Added for Washout																					——
5,759		1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
	Formation Loss																					
	Mud Loss to Cuttings		587	127																		
	Unrecoverable Volume				25																	
214	Centrifuge Losses				48																	
3,830	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	Mud Transferred Out																					
1,790	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
	Mud Recovered																					
								L						L								
				C	omments	5:					C	omment	s:					C	omment	s:		
			Transfer 1 from mud		M from pre	vious well	and receiv	ed 749bls	2/10/22							2/17/22						
	٦		nom maa	piant.																		
4,353		2/4/22	Lost 587bl	s to mud o	n cuttings v	vhile drillir	ng.		2/11/22							2/18/22						
		0/5/00	1 1 4 0 7 1			. 1.21 1.2112 .			0/40/00							0/40/00						
		2/5/22	LOST 127D	is to mua o	n cuttings v	vniie ariiiir	ıg.		2/12/22							2/19/22						
		2/6/22			d cement in ight in activ		d 48bls to	centrifuge	2/13/22							2/20/22						
		2/7/22							2/14/22							2/21/22						
		2/8/22							2/15/22							2/22/22						
		2/9/22					2/16/			2/16/22				2/23/22								

0' TVD

110 Old Market St. St Martinville, LA 70582

OUTSOURCE FLUID SOLUTIONS LLC.

TEL: (337) 394-1078

 0.0°

24 hr ftg **MAGNOLIA OIL & GAS PATTERSON WASHINGTON** 02/01/22 0 ft 19,429 ft **KLONDIKE MILL H08 KL** 248 **TEXAS** 02/01/22 0 ft/hr Rig Move Report fo Report for ield / OCS-G # Fluid Type rculating Rate irculating Pressure **GIDDINGS** psi **Kevin Burt/ Chris Maveux Tool Pusher WRM** 0 gpm PUMP #1 PUMP #2 RISER BOOSTER MUD PROPERTY SPECIFICATIONS MUD VOLUME (BBL) ΥP **GELS** API fl PV % Solids Liner Size Weight pН In Pits 0 bbl Liner Size 4.75 Liner Size 4.75 <5 <10 7-9 <25 2-10 In Hole 0 bbl Stroke 12 Stroke 12 Stroke 8.4-9.6 0-10 0-10 0.0625 0.0625 0 bbl bbl/stk bbl/stk bbl/stk 0.0000 Active Time Sample Taken stk/min 0 stk/min 0 Storage 0 bbl stk/min Sample Location Tot. on Location 0 bbl gal/min gal/min 0 gal/min 0 Flowline Temperature °F PHHP = 0**CIRCULATION DATA** Depth (ft) Bit Depth = ' Washout = 5% Pump Efficiency = 95% Mud Weight (ppg) Volume to Bit 0.0 bbl Strokes To Bit Time To Bit Drill String Disp 0.0 bbl Funnel Vis (sec/qt) @ 67 °F Bottoms Up Vol. BottomsUp Stks BottomsUp Time 600 rpm 0.0 bbl TotalCirc.Vol. 0.0 bbl TotalCirc.Stks Total Circ. Time 300 rpm DRILLING ASSEMBLY DATA SOLIDS CONTROL 200 rpm Tubulars OD (in.) ID (in.) Length Top Unit Screens Hours 100 rpm Drill Pipe 4.500 0 0' Shaker 1 170 0.0 0' 170 6 rpm Collars 5.150 0' Shaker 2 0.0 Dir. BHA 0' Shaker 3 170 0.0 3 rpm @ 120 °F 0' Desander Plastic Viscosity (cp) **CASING & HOLE DATA** Desilter Yield Point (lb/100 ft²) T0 = Casing OD (in.) ID (in.) Centrifuge 1 0.0 Gel Strenath (lb/100 ft²) 10 sec/10 min Depth Top Riser 20 **VOLUME ACCOUNTING (bbls)** Gel Strength (lb/100 ft²) API Filtrate / Cake Thickness 10 3/4 2,812' 0' 1790.0 Prev. Total on Location HTHP Filtrate / Cake Thickness @ 0 °F Int. Csg. 7 5/8 10,220 Transferred In(+)/Out(-) -1546.0 Retort Solids Content 5 9,528' Prod. 1/2 Oil Added (+) 85.4 Retort Oil Content Prod. 5 19,419' 9,528 Barite Added (+) 0.0 Retort Water Content 0.000 19.429 Other Product Usage (+) 0.0 Open Hole Size Sand Content ANNULAR GEOMETRY & RHEOLOGY Water Added (+) M.B.T. (Methylene Blue Capacity) (ppb) Left on Cuttings (-) 0.0 annular meas velocity flow FCD section depth ft/min lb/gal reg nН Lost Returns (-) -88.0 Alkalinity, Mud Pm Non-Recoverable Vol. (-) -241.4 Alkalinities, Filtrate Pf/Mf 0.0 Est. Total on Location 0.0 Chlorides (mg/L) Est. Losses/Gains (-)/(+) **BIT HYDRAULICS DATA** Calcium (ppm) Bit H.S.I. Bit ∆P Nozzles (32nds) Excess Lime (lb/bbl) Average Specific Gravity of Solids 2.60 Percent Low Gravity Solids Nozzle Bit Impact Velocity Percent Drill Solids (ft/sec) @ 0 °F **BIT DATA** Manuf./Type PPA Spurt / Total (ml) @ Estimated Total LCM in System Size Depth In Hours Footage ROP ft/hr Motor/MWD Calc. Circ. Pressure ppb Sample Taken By Remarks/Recommendations: Rig Activity: Transferred 1546bls OBM to Glacier Pad. Finish first stage cement job. Pumped 68bls 13.2ppg OBM and 20bls 17.5ppg OBM down backside to achieve injection rates. Perform top out cement job. Empty and clean pits. Transferred all mud and chemicals to new location. Non-recoverable losses due to 80bls diesel used for line flush, residual solids in frac tanks/mud pits, and residual volume left in trucks transferring mud. Rig down and begin moving to Glacier Pad. Received Obls of produced water. MIDLAND Patrick Blair Nick Dilly Daily Total Cumulative Cost Eng. 1: Eng. 2: WH 2: WH #2 Rig Phone: Phone: Phone: 432-686-7361 Phone Phone: Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only. \$433,080.58 Р G р 0 S С \$25.620.00 0 2 0 **INCLUDING 3RD PARTY CHARGES** \$40.869.00 \$569,714.54

Date 03/28/22	Operator MAGI	NOLIA OIL		Well Name a	IKE MILL	H08 KL	Rig Name ar	18 NO.	Report No. Repo	rt #18
	DAILY	USAGE 8	COST						CUMUI	LATIVE
Item	Unit	Unit Cost	Previous	Received	Closing	Daily	Daily Cost		Cum	Cum Cos
SAPP (50)	50# sk	\$46.84	Inventory 42	-42	Inventory	Usage	-		Usage 42	\$1,967.28
PHPA LIQUID (pail)	5 gal	\$41.36	45	-45				-		\$1,158.08
EVO-VIS	5 gal	\$192.33						•		
NEW GEL (PREMIUM)	100# sk	\$11.54	63	-63					2	\$23.08
ALUMINUM TRISTEARATE	25# sk	\$81.16								
SODA ASH (50)	50# sk	\$11.38	134	-134						
CACL2 (50)	50# sk	\$14.32	392	-392				-	336	\$4,811.52
LIME (50)	50# sk	\$5.88	200	-200					400	
OPTI - G	50# sk	\$32.44	200	-200					250	\$8,110.00
BENTONE 38 (50)	50# sk	\$152.93	52	-52					22	\$3,364.46
BENTONE 910 (50)	50# sk	\$55.55	47	-47					11	\$611.05
BENTONE 990 (50)	50# sk	\$88.61	59	-59					27	\$2,392.47
OPTI - MUL	gal	\$11.40	715	-715				-	715	· ,
OPTI - WET	gal	\$8.84	330	-330					1100	
NEW PHALT OIL SORB (25)	50# sk 25# sk	\$38.72 \$4.75	122 65	-122 -65				-	16 20	\$619.52 \$95.00
OIL 30KB (23)	20# SK	φ4.73	05	-03					20	φ95.00
NEW CARB (M)	50# sk	\$5.63	70	-70					20	\$112.60
CYBERSEAL	25# sk	\$24.40								
MAGMAFIBER F (25)	25# sk	\$28.05	157	-157					9	\$252.45
MAGMAFIBER R (30)	30# sk	\$28.05						-		
VARISEAL	20 // -1-	#00.07								
FIBER PLUG	30# sk	\$30.37 \$10.51	80	90						
NUT PLUG M (50) MICA F (50)	50# sk	\$10.38	40	-80 -40				-		
GRAPHITE POWDER F (50)	50# sk	\$25.59	64	-64				-		
CICALTHIE FOWDER (30)	30# SK	Ψ20.09	04	-04						
								•		
NEW WATE (SACK BARITE)	100# sk	\$10.73								
BARITE BULK (100)	100# sk	\$8.17							567	\$4,632.39
NEW WATE (SACK BARITE)	100# sk	\$10.73	160	-160					40	\$429.20
BARITE BULK (100)	100# sk	\$8.17	600	-600				-	3460	\$28,268.20
								-		
	+							-		
								-		
								•		
OPTI DRILL (OBM)	bbl	\$105.00	1790	-1546		244	\$25,620.00		2376	\$249,480.00
OPTI DRILL (OBM)	bbl	\$75.00								\$25,200.00
								•		
DISCOUNTED OBM	bbl	\$15.00								
KILL MUD MIX FEE	each	\$42.60							801	\$34,122.60
		-								
ENGINEERING (24 HR)	each	\$1,050.00							20	\$31,500.00
ENGINEERING (DIEM)	bbl	\$30.00							30	
ENGINEERING (MILES)	each	\$1.00							1032	
		\$1.00							.502	
		A : -								* *
Scale Ticket	each	\$15.00					1		9	
TRUCKING (cwt)	each	\$2.48					-			\$11,261.68
LHI K KINK : (min)	each	\$812.50	l						2	\$1,625.00
TRUCKING (min)		A								~ ~
PALLETS (ea)	each	\$12.50 \$12.50							30	\$375.00
		\$12.50 \$12.50							30 30	

Date	Operator			Well Name a	and No.		Rig Name ar	nd No.	Report No.	
03/28/22	MAGN	NOLIA OIL	& GAS	KLONE	IKE MILL	H08 KL	2	48	Repo	rt #18
	DAILY	USAGE 8	COST						CUMUL	LATIVE
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost
DIESEL 01-28-22	gal	\$2.95							7000	\$20,650.00
DIESEL 01-28-22	gal	\$2.98							7000	\$20,860.00
DIESEL 02-4-22	gal	\$3.13							556	\$1,740.28
DIESEL 02-4-22	gal	\$3.13								
DIESEL RECEIVED 3-13-22	gal	\$3.91							5168	\$20,206.88
DIESEL RECEIVED 3-14-22	gal	\$3.91							5480	\$21,426.80
DIESEL RECEIVED 3-16-22	gal	\$3.75							7000	\$26,250.00
Diesel Received 3-19-22	gal	\$4.25	3588			3588	\$15,249.00		6000	\$25,500.00
Diesel Received 3-21-22	gal	\$4.34	7200	-7200						
SUPERCAL	25# sk		312	-312					8	
SWEEP AID	25# sk		96	-96						
PRO V PLUS	25# sk		304	-304						
PRO X	25# sk		312	-312						
										<u> </u>
										<u> </u>
										<u> </u>
										<u> </u>
										
					Daily Su	ıb-Total \$1	5,249.00		\$136,6	633.96
	Cumu	lative Total	AES & 3rd	Party \$569	9,714.54					
	Guilla				.,					

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

KLONDIKE MILL H08 KL

					WEEK 1							WEEK 2							WEEK 3			
	Date	2/3/22	2/4/22	2/5/22	2/6/22	2/7/22	2/8/22	2/9/22	2/10/22	2/11/22	2/12/22	2/13/22	2/14/22	2/15/22	2/16/22	2/17/22	2/18/22	2/19/22	2/20/22	2/21/22	2/22/22	2/23/22
		Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Bit Size	9 7/8	9 7/8	9 7/8	9/7/2008	6 3/4																
Grand	Starting Depth	2,828	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
Totals	Ending Depth	2,828	9,215	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230	10,230
16,601	Footage Drilled	-	6,387	1,015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,108	New Hole Vol.	-	605	96	-	-		-	-	-	ī	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume		1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
90	Chemical Additions		35	3																		ĺ
951	Base Fluid Added		221	119	32																	ĺ
276	Barite Increase		26	14																		
3,979	Weighted Mud Added	1,916	264		419																	
513	Slurry Added																					
35	Water Added		1																			
_	Added for Washout																					
5,844	Total Additions	1,916	547	136	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Surface Losses																					
2,474	Formation Loss																					1
1,118	Mud Loss to Cuttings		587	127																		1
354	Unrecoverable Volume				25																	1
214	Centrifuge Losses				48																	
4,159	Total Losses	-	587	127	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,685	Mud Transferred Out																					
(0)	Ending System Volume	1,916	1,876	1,885	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263	2,263
_	Mud Recovered											1	1	·					1	·	1	
					1							1	l						l		l	

2,807

		Comments:	Comments:	Comments:
	2/3/22	Transfer 1167bls OBM from previous well and received 749bls from mud plant.	2/10/22	2/17/22
:	2/4/22	Lost 587bls to mud on cuttings while drilling.	2/11/22	2/18/22
	2/5/22	Lost 127bls to mud on cuttings while drilling.	2/12/22	2/19/22
	2/6/22	Lost 25bls to dumped cement interface and 48bls to centrifuge while cutting mud weight in active pits.	2/13/22	2/20/22
	2/7/22		2/14/22	2/21/22
	2/8/22		2/15/22	2/22/22
	2/9/22		2/16/22	2/23/22