

12/14/21

110 Old Market St.
St Martinville, LA 70582

Report #3

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0° 6,672' TVD

Operator MAGNOLIA OIL & GAS				Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21		24 hr fig. 3,747 ft		Drilled Depth 6,672 ft			
Well Name and No. TAHOE MOUNTAIN H03 PR				Rig Name and No. 248			State TEXAS			Spud Date 11/27/21		Current ROP 301 ft/hr		Activity Drilling			
Report for BRANDON PARKS / JIM HARRISON				Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type OBM		Circulating Rate 1076 gpm		Circulating Pressure 4,856 psi			
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1		PUMP #2		RISER BOOSTER			
Weight 8-16	PV 5-35	YP 5-25	E.S. >500	CaCl2 ±300K	GELS <10 <15	HTHP <8	In Pits 772 bbl		Liner Size 5.75		Liner Size 5.75		Liner Size				
				12/14/21		12/13/21	In Hole 574 bbl		Stroke 12		Stroke 12		Stroke				
							Active 1346 bbl		bbl/stk 0.0915		bbl/stk 0.0915		bbl/stk 0.0000				
Time Sample Taken				0:30		13:00	Storage <u>1594 bbl</u>		stk/min 140		stk/min 140		stk/min				
Sample Location				pit		pit	Tot. on Location 2940 bbl		gal/min 538		gal/min 538		gal/min 0				
Flowline Temperature °F				162 °F			PHHP = 3050 CIRCULATION DATA n = 0.652 K = 183.523										
Depth (ft)				6,672'		2,925'	Bit Depth = 6,672 '			Washout = 0%		Pump Efficiency = 95%					
Mud Weight (ppg)				9.2		8.9	Drill String Disp.	Volume to Bit 112.8 bbl	Strokes To Bit 1,232		Time To Bit 4 min						
Funnel Vis (sec/qt) @ 150 °F				50		47		Bottoms Up Vol. 461.0 bbl	BottomsUp Stks 5,037		BottomsUp Time 18 min						
600 rpm				33		29		62.5 bbl	TotalCirc.Vol. 1345.8 bbl	TotalCirc.Stks 14,702		Total Circ. Time 53 min					
300 rpm				21		19	DRILLING ASSEMBLY DATA					SOLIDS CONTROL					
200 rpm				17		15	Tubulars	OD (in.)	ID (in.)	Length	Top	Unit Screens		Hours			
100 rpm				14		13	Drill Pipe	5.000	4.276	6,034'	0'	Shaker 1 140					
6 rpm				7		6	Hevi Wt	5.500	3.000	335'	6,034'	Shaker 2 140					
3 rpm				6		5	Dir. BHA	8.000	3.000	303'	6,369'	Shaker 3 140					
Plastic Viscosity (cp) @ 150 °F				12		10						Desander					
Yield Point (lb/100 ft²) T0 = 5				9		9	CASING & HOLE DATA					Desilter					
Gel Strength (lb/100 ft²) 10 sec/10 min				6/9		4/7	Casing	OD (in.)	ID (in.)	Depth	Top	Centrifuge 1					
Gel Strength (lb/100 ft²) 30 min				12		10	Riser	20						VOLUME ACCOUNTING (bbls)			
HTHP Filtrate (cm/30 min) @ 300 °F				8.0		8.6	Surface	10 3/4	9.950	2,915'	0'	Prev. Total on Location 271.9					
HTHP Cake Thickness (32nds)				1.0		1.0	Int. Csg.						Transferred In(+)/Out(-) 2785.0				
Retort Solids Content				10%		8%	Washout 1						Oil Added (+) 248.8				
Corrected Solids (vol%)				7.6%		5.7%	Washout 2						Barite Added (+) 0.0				
Retort Oil Content				66%		69%	Open Hole Size		9.875	6,672'	Other Product Usage (+) 8.1						
Retort Water Content				24%		23%	ANNULAR GEOMETRY & RHEOLOGY					Water Added (+) 30.0					
O/W Ratio				73:27		75:25	annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal	Left on Cuttings (-) -355.0					
Whole Mud Chlorides (mg/L)				60,000		57,000						Centrifuge -50.0					
Water Phase Salinity (ppm)				281,620		279,856						Non-Recoverable Vol. (-) -26.5					
Whole Mud Alkalinity, Pom				2.8		3.1	9.95x5	2,915'	356.5	turb	9.72	Est. Total on Location 2912.4					
Excess Lime (lb/bbl)				3.6 ppb		4 ppb	9.875x5	6,034'	363.8	turb	9.82	Est. Losses/Gains (-)/(+) 27.4					
Electrical Stability (volts)				450 v		410 v	9.875x5.5	6,369'	392.2	turb	10.01	BIT HYDRAULICS DATA					
Average Specific Gravity of Solids				2.85		2.96	9.875x8	6,672'	787.2	turb	10.36	Bit H.S.I. 3.62	Bit ΔP 442 psi	Nozzles (32nds)			
Percent Low Gravity Solids				5.4%		3.7%								16	16	16	
ppb Low Gravity Solids				44 ppb		31 ppb						Bit Impact Force 1188 lbs	Nozzle Velocity (ft/sec) 232	14	14	14	
Percent Barite				2.2%		2%								14	14	14	
ppb Barite				31 ppb		28 ppb	BIT DATA		Manuf./Type ULTERRA SPL613								
Estimated Total LCM in System ppb							Size	Depth In	Hours	Footage	ROP ft/hr	Motor/MWD		Calc. Circ. Pressure			
Sample Taken By				0	0	M. WASHBURN	9 7/8	2,925 ft	10.0	3,747 ft	374.7	4,608 psi		7,579 psi			
Remarks/Recommendations: OBM TRANSFERRED: 2785 BBLS F/PRUEGNER H04 TOTAL OBM RECEIVED: 3057 TOTAL OBM ON LOCATION: 2940							Rig Activity: Skid rig from Pruegner H06 to Tahoe Mtn H03 and complete rig up. Process surface volume reduce mud wt from 9.8 to 8.8 with application of centrifuge and diesel additions. Pretreat system with Optimul, Optivis, Lime, CaCl2, and Bentonite clays in preparation for rapid intermediate section drilling. Replace damaged 140 mesh shale shaker screens. P/U BHA and TIH T/2836'. Drill float equipment T/2925'. Drilled 10' of new formation T/2935'. Performed FIT to EMW 11.6 PPG 406 PSI. Drilled T/6,672'. Drilling ahead increasing MW gradually with 9.8 PPG OBM from frac tanks.										
Eng. 1: Mike Washburn Phone: 361-945-5777		Eng. 2: Chris Beasley Phone: 903-747-5377		WH 1: MIDLAND Phone: 432-686-7361		WH 2: WH #2 Phone: -		Rig Phone:				Daily Total		Cumulative Cost			
W 1	P 1	Y 1	E 0	C 0	g 1	G 1	H 2	O 1	Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only.				\$8,202.62		\$12,177.40		
									INCLUDING 3RD PARTY CHARGES				\$34,662.86		\$38,637.64		

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1								WEEK 2								WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21		
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat			
Grand Totals	Bit Size	13 1/2																9 7/8							
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672						
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672							
6,672	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	-	-	-	-			
873	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	-	-	-	-			
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,940	2,940	2,940			
36	Chemical Additions																	36							
249	Base Fluid Added																	249							
-	Barite Increase																								
2,785	Weighted Mud Added																	2,785							
-	Slurry Added																								
30	Water Added																	30							
-	Added for Washout																								
3,100	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,100	-	-	-	-			
-	Surface Losses																								
-	Formation Loss																								
355	Mud Loss to Cuttings																	355							
27	Unrecoverable Volume																	27							
50	Centrifuge Losses																	50							
432	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	432	-	-	-	-			
-	Mud Transferred Out																								
2,940	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,940	2,940	2,940	2,940			
-	Mud Recovered																								
3,057	Comments:								Comments:								Comments:								
	11/28/21								12/5/21								12/12/21								
	11/29/21								12/6/21								12/13/21								
	11/30/21								12/7/21								12/14/21								
	12/1/21								12/8/21								12/15/21								
	12/2/21								12/9/21								12/16/21								
	12/3/21								12/10/21								12/17/21								
12/4/21								12/11/21								12/18/21									

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Grand Totals	Bit Size	13 1/2																9 7/8	9 7/8				
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830			
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830				
9,830	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	-	-	-	
1,172	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	-	-	-	
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,882	2,882	
22	Chemical Additions																	8	14				
399	Base Fluid Added																	224	175				
-	Barite Increase																						
2,785	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
3,256	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	-	-	-	
-	Surface Losses																						
-	Formation Loss																						
579	Mud Loss to Cuttings																	355	224				
23	Unrecoverable Volume																		23				
44	Centrifuge Losses																	24	20				
646	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	-	-	-	
-	Mud Transferred Out																						
2,882	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,882	2,882	2,882	
-	Mud Recovered																						
3,057	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

12/16/21

110 Old Market St.
St Martinville, LA 70582

Report #5

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

4.6° 7,484' TVD

Operator				Contractor			County / Parish / Block			Engineer Start Date			24 hr fig.			Drilled Depth																		
MAGNOLIA OIL & GAS							PATTERSON			WASHINGTON			11/27/21			202 ft			10,032 ft															
Well Name and No.							Rig Name and No.			State			Spud Date			Current ROP			Activity															
TAHOE MOUNTAIN H03 PR							248			TEXAS			11/27/21			0 ft/hr			Run Casing															
Report for							Report for			Field / OCS-G #			Fluid Type			Circulating Rate			Circulating Pressure															
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		YP		E.S.		CaCl2		GELS		HTHP		In Pits		685 bbl		Liner Size		5.75		Liner Size		5.75		Liner Size								
8-16		5-35		5-25		>500		±300K		<10 <15		<8		In Hole		874 bbl		Stroke		12		Stroke		12		Stroke								
							12/16/21				12/15/21		Active		1329 bbl		bbl/stk		0.0915		bbl/stk		0.0915		bbl/stk		0.0000							
Time Sample Taken							0:30				14:00		Storage		1284 bbl		stk/min		0		stk/min		0		stk/min									
Sample Location							pit				pit		Tot. on Location		2843 bbl		gal/min		0		gal/min		0		gal/min		0							
Flowline Temperature °F													PHHP = 0CIRCULATION DATA n = 0.678 K = 185.783																					
Depth (ft)							10,032'				10,032'		Bit Depth = 7,600 '				Washout = 0%				Pump Efficiency = 95%													
Mud Weight (ppg)							9.8				9.8		Drill String Disp.		Volume to Bit		349.0 bbl		Strokes To Bit				Time To Bit											
Funnel Vis (sec/qt)							@ 122 °F		57						46		Bottoms Up Vol.										294.9 bbl		BottomsUp Stks				BottomsUp Time	
600 rpm							40				37				80.3 bbl		TotalCirc.Vol.		1328.9 bbl		TotalCirc.Stks				Total Circ. Time									
300 rpm							25				23		DRILLING ASSEMBLY DATA							SOLIDS CONTROL														
200 rpm							18				18		Tubulars		OD (in.)		ID (in.)		Length		Top		Unit		Screens		Hours							
100 rpm							12				14		Casing		7.625		6.875		7,600'		0'		Shaker 1		140		24.0							
6 rpm							7				6								7,600'				Shaker 2		140		24.0							
3 rpm							6				5								7,600'				Shaker 3		140		24.0							
Plastic Viscosity (cp)							@ 150 °F		15				14						7,600'				Desander											
Yield Point (lb/100 ft²)							T0 = 5		10				9		CASING & HOLE DATA							Desilter												
Gel Strength (lb/100 ft²)							10 sec/10 min		7/8				5/8		Casing		OD (in.)		ID (in.)		Depth		Top		Centrifuge 1		8.0							
Gel Strength (lb/100 ft²)							30 min		9				12		Riser		20								VOLUME ACCOUNTING (bbls)									
HTHP Filtrate (cm/30 min)							@ 300 °F		9.6				7.8		Surface		10 3/4		9.950		2,915'		0'		Prev. Total on Location		2882.3							
HTHP Cake Thickness (32nds)									2.0				1.0		Int. Csg.						0'				Transferred In(+)/Out(-)									
Retort Solids Content									13%				13%		Washout 1										Oil Added (+)		118.1							
Corrected Solids (vol%)									10.9%				10.5%		Washout 2										Barite Added (+)		13.9							
Retort Oil Content									63.6%				64%		Open Hole Size		9.875		10,032'						Other Product Usage (+)		0.4							
Retort Water Content									23.4%				23%		ANNULAR GEOMETRY & RHEOLOGY							Water Added (+)												
O/W Ratio									73:27				74:26		annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-)		-38.3							
Whole Mud Chlorides (mg/L)									53,000				61,000												Centrifuge		-50.0							
Water Phase Salinity (ppm)									262,082				293,727		9.95x7.625 2,915' 0.0 lam 9.80 9.875x7.625 7,600' 0.0 lam 9.80							Non-Recoverable Vol. (-)		-83.2										
Whole Mud Alkalinity, Pom									1.5				2.5																	Est. Total on Location		2843.3		
Excess Lime (lb/bbl)									2 ppb				3.3 ppb												Est. Losses/Gains (-)/(+)		0.0							
Electrical Stability (volts)									365 v				410 v		BIT HYDRAULICS DATA							Bit H.S.I.		Bit ΔP		Nozzles (32nds)								
Average Specific Gravity of Solids									2.98				2.97																					
Percent Low Gravity Solids									6.9%				6.8%																					
ppb Low Gravity Solids									57 ppb				56 ppb																					
Percent Barite									3.9%				3.7%																					
ppb Barite									56 ppb				54 ppb		BIT DATA			Manuf./Type																
Estimated Total LCM in System							ppb								Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure							
Sample Taken By							N. Dilly		0		M. WASHBURN		9 7/8		2,925 ft		39.0		7,107 ft		182.2													
Remarks/Recommendations:												Rig Activity:																						
TOTAL OBM RECEIVED: 3057												Drilling 9-7/8" intermediate hole section to 10,032'TD building curve to 16.79 degrees. Increased mud wt. gradually to 9.8ppg by TD utilizing weighted reserve volume. Pumped 10 bbls Hi-Visc sweep every 300' while drilling. Pumped 2x40bbls hi-vis sweeps at TD and circulate clean. Slug pipe and POOH. Rack back BHA and rig up casing tools. Run 7 5/8" casing to 7,600' at report time. Continue running casing.																						
TOTAL OBM ON LOCATION: 2843																																		
TOTAL OBM CHARGED : 214																																		
Eng. 1: Mike Washburn				Eng. 2: Nick Dilly				WH 1: MIDLAND				WH 2: WH #2				Rig Phone:				Daily Total				Cumulative Cost										
Phone: 361-945-5777				Phone: 337-207-8848				Phone: 432-686-7361				Phone: -								\$12,005.69				\$37,835.98										
W	P	Y	E	C	g	G	H	O	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.														\$24,951.29				\$93,309.34							
1	1	1	0	0	1	1	2	1															INCLUDING 3RD PARTY CHARGES				\$24,951.29				\$93,309.34			

THIRD PARTY COST SHEET

[illegible]

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3						
Date		11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Grand Totals	Bit Size	13 1/2																				
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032		
10,032	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-
1,191	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843
23	Chemical Additions																	8	14	1		
517	Base Fluid Added																	224	175	118		
14	Barite Increase																			14		
2,785	Weighted Mud Added																	2,785				
-	Slurry Added																					
50	Water Added																	30	20			
-	Added for Washout																					
3,389	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-
-	Surface Losses																					
22	Formation Loss																			22		
617	Mud Loss to Cuttings																	355	224	38		
85	Unrecoverable Volume																		23	62		
94	Centrifuge Losses																	24	20	50		
818	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-
-	Mud Transferred Out																					
2,843	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																					
3,057	Comments:							Comments:							Comments:							
	11/28/21							12/5/21							12/12/21							
	11/29/21							12/6/21							12/13/21							
	11/30/21							12/7/21							12/14/21							
	12/1/21							12/8/21							12/15/21							
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.							
	12/3/21							12/10/21							12/17/21							
12/4/21							12/11/21							12/18/21								

THIRD PARTY COST SHEET

[illegible]

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1								WEEK 2								WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21		
		Bit Size	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat		
Grand Totals	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032				
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032				
10,032	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-			
1,191	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-			
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843			
23	Chemical Additions																	8	14	1					
517	Base Fluid Added																	224	175	118					
14	Barite Increase																			14					
2,785	Weighted Mud Added																	2,785							
-	Slurry Added																								
50	Water Added																	30	20						
-	Added for Washout																								
3,389	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-			
-	Surface Losses																								
22	Formation Loss																			22					
617	Mud Loss to Cuttings																	355	224	38					
85	Unrecoverable Volume																		23	62					
94	Centrifuge Losses																	24	20	50					
818	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-			
-	Mud Transferred Out																								
2,843	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843		
-	Mud Recovered																								
3,057	Comments:								Comments:								Comments:								
	11/28/21								12/5/21								12/12/21								
	11/29/21								12/6/21								12/13/21								
	11/30/21								12/7/21								12/14/21								
	12/1/21								12/8/21								12/15/21								
	12/2/21								12/9/21								12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21								12/10/21								12/17/21								
12/4/21								12/11/21								12/18/21									

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Grand Totals	Bit Size	13 1/2																9 7/8	9 7/8	9 7/8			
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032		
10,032	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-	
1,191	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-	
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	
23	Chemical Additions																	8	14	1			
517	Base Fluid Added																	224	175	118			
14	Barite Increase																			14			
3,098	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
3,702	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
22	Formation Loss																			22			
617	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
94	Centrifuge Losses																	24	20	50			
818	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
3,156	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,370	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

12/29/21

110 Old Market St.
St Martinville, LA 70582

Report #8

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

16.8° 9,992' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21			24 hr fig. 92 ft		Drilled Depth 10,124 ft			
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21			Current ROP 153 ft/hr			Activity Drilling		
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type OBM			Circulating Rate 573 gpm			Circulating Pressure		
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)				PUMP #1			PUMP #2			RISER BOOSTER				
Weight 8-16	PV 5-35	YP 5-25	E.S. >330	CaCl2 ±230K	GELS <10 <15	HTHP <14	In Pits 718 bbl	718 bbl		Liner Size 5.75	5.75		Liner Size 5.75	5.75		Liner Size					
				12/29/21		12/28/21	In Hole 406 bbl	406 bbl		Stroke 12	12		Stroke 12	12		Stroke					
							Active 1124 bbl	1124 bbl		bbl/stk 0.0915	0.0915		bbl/stk 0.0915	0.0915		bbl/stk 0.0000					
Time Sample Taken				0:30		12:00	Storage <u>2100 bbl</u>	2100 bbl		stk/min 76	76		stk/min 73	73		stk/min					
Sample Location				pit		PIT	Tot. on Location 3224 bbl	3224 bbl		gal/min 292	292		gal/min 281	281		gal/min 0					
Flowline Temperature °F							PHHP = 0 CIRCULATION DATA n = 0.659 K = 159.065														
Depth (ft)				10,060'		10,032'	Bit Depth = 10,124 '				Washout = 0%			Pump Efficiency = 95%							
Mud Weight (ppg)				9.2		8.8	Drill String Disp.	Volume to Bit 140.8 bbl	140.8 bbl		Strokes To Bit 1,538		1,538		Time To Bit 10 min						
Funnel Vis (sec/qt) @ 140 °F				42		48		Bottoms Up Vol. 264.8 bbl	264.8 bbl		BottomsUp Stks 2,893		2,893		BottomsUp Time 19 min						
600 rpm				30		27		59.0 bbl	TotalCirc.Vol. 1123.7 bbl		TotalCirc.Stks 12,276		12,276		Total Circ. Time 82 min						
300 rpm				19		16	DRILLING ASSEMBLY DATA						SOLIDS CONTROL								
200 rpm				14		12	Tubulars	OD (in.)	ID (in.)	Length	Top		Unit		Screens		Hours				
100 rpm				9		9	Drill Pipe	4.500	3.800	9,992'	0'		Shaker 1		170						
6 rpm				5		4	Collars	5.000	2.625	99'	9,992'		Shaker 2		170						
3 rpm				4		3	Dir. BHA	5.250		33'	10,091'		Shaker 3		170						
Plastic Viscosity (cp) @ 150 °F				11		11					10,124'		Desander								
Yield Point (lb/100 ft²) T0 = 3				8		5	CASING & HOLE DATA						Desilter								
Gel Strength (lb/100 ft²) 10 sec/10 min				5/6		5/7	Casing	OD (in.)	ID (in.)	Depth	Top		Centrifuge 1								
Gel Strength (lb/100 ft²) 30 min				8		10	Riser	20				VOLUME ACCOUNTING (bbls)									
HTHP Filtrate (cm/30 min) @ 300 °F				14.0		12.0	Surface	10 3/4		2,915'	0'		Prev. Total on Location		460.2						
HTHP Cake Thickness (32nds)				2.0		2.0	Int. Csg.	7 5/8	6.875	10,022'	0'		Transferred In(+)/Out(-)		2696.0						
Retort Solids Content				10%		8%	Washout 1						Oil Added (+)		101.4						
Corrected Solids (vol%)				7.9%		5.7%	Washout 2						Barite Added (+)		0.0						
Retort Oil Content				60%		63%	Open Hole Size 6.750 10,124'						Other Product Usage (+)		7.4						
Retort Water Content				30%		29%	ANNULAR GEOMETRY & RHEOLOGY						Water Added (+)								
O/W Ratio				67:33		68:32	annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal		Left on Cuttings (-)		-4.1						
Whole Mud Chlorides (mg/L)				55,000		60,000							Centrifuge		-37.2						
Water Phase Salinity (ppm)				223,290		244,959							Lost Returns (-)								
Whole Mud Alkalinity, Pom				2.0		2.0	6.875x4.5	9,992'	519.7	turb	10.92		Est. Total on Location		3223.7						
Excess Lime (lb/bbl)				2.6 ppb		2.6 ppb	6.875x5	10,022'	630.6	turb	11.01		Est. Losses/Gains (-)/(+)		0.0						
Electrical Stability (volts)				331 v		341 v	6.75x5	10,091'	682.8	turb	11.11		BIT HYDRAULICS DATA								
Average Specific Gravity of Solids				2.79		2.61	6.75x5.25	10,124'	780.0	turb	11.21		Bit H.S.I.	Bit ΔP	Nozzles (32nds)						
Percent Low Gravity Solids				5.9%		4.8%							1.17	126 psi							
ppb Low Gravity Solids				49 ppb		40 ppb							Bit Impact Force	Nozzle Velocity (ft/sec)	18	18	18				
Percent Barite				2%		0.9%									18	18	18				
ppb Barite				28 ppb		12 ppb	BIT DATA		Manuf./Type		Halliburton GTD64M		338 lbs	123							
Estimated Total LCM in System ppb							Size	Depth In	Hours	Footage	ROP ft/hr		Motor/MWD		Calc. Circ. Pressure						
Sample Taken By				M. Calais	0	P. Blair	6 3/4	10,032 ft	4.0	92 ft	23.0				2,618 psi						
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR1 TOTAL ALLOCATED OBM 3154 BBLS MAGNOLIA OWNED MUD 68 BBLS							Rig Activity: Trouble shot power and comunication trip down and drilled 10' of new formation 10042 and performed fit test. Started building curve at 10042. Drilling curve at reporttime. Water content from casing drillout contributed to depressed fluid properties. Currently treating OBM with CaCl and Lime for water phase and cement drillout.														
Eng. 1: Patrick Blair Phone: 936-465-0952		Eng. 2: Michael Calais Phone: 936-689-1612		WH 1: MIDLAND Phone: 432-686-7361		WH 2: WH #2 Phone: -		Rig Phone:					Daily Total		Cumulative Cost						
W 1	P 1	Y 1	E 1	C 1	G 1	H 2	O 1	Any opinion and or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation is made as to the validity of this information, and this is a recommendation only.						\$5,615.32		\$54,326.30					
								INCLUDING 3RD PARTY CHARGES							\$16,230.68		\$120,415.02				

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Grand Totals	Bit Size	13 1/2																9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032	
10,124	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-	
1,195	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-	
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	
30	Chemical Additions																	8	14	1			
618	Base Fluid Added																	224	175	118			
14	Barite Increase																			14			
3,098	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
3,811	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
22	Formation Loss																			22			
617	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
135	Centrifuge Losses																	24	20	50			
859	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
3,224	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,370	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

12/30/21

110 Old Market St.
St Martinville, LA 70582

Report #9

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

92.1° 10,311' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21		24 hr fig. 1,719 ft		Drilled Depth 11,843 ft																							
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21		Current ROP 291 ft/hr		Activity Drilling																							
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM		Circulating Rate 588 gpm		Circulating Pressure 4,406 psi																							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 8.4-9		API fl <25		% Solids 2-10		In Pits 200 bbl In Hole 472 bbl Active 672 bbl Storage <u>1705 bbl</u> Tot. on Location 2377 bbl		Liner Size 5.75 Stroke 12 bbl/stk 0.0915 stk/min 76 gal/min 292		Liner Size 5.75 Stroke 12 bbl/stk 0.0915 stk/min 77 gal/min 296		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																				
							11/27/21																																	
Time Sample Taken							0:30																																	
Sample Location							pit																																	
Flowline Temperature °F							85 °F						PHHP = 1512		CIRCULATION DATA		n = 0.585 K = 26.563																							
Depth (ft)							11,843'						Bit Depth = 11,843 '		Washout = 0%		Pump Efficiency = 95%																							
Mud Weight (ppg)							8.4						Drill String Disp.		Volume to Bit 164.9 bbl Bottoms Up Vol. 307.1 bbl TotalCirc.Vol. 672.0 bbl		Strokes To Bit 1,802 BottomsUp Stks 3,355 TotalCirc.Stks 7,342		Time To Bit 12 min BottomsUp Time 22 min Total Circ. Time 48 min																					
Funnel Vis (sec/qt) @ 90 °F							28						68.7 bbl																											
600 rpm							3																																	
300 rpm							2						DRILLING ASSEMBLY DATA					SOLIDS CONTROL																						
200 rpm							1						Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																						
100 rpm							1						Drill Pipe 4.500 3.800 11,711' 0'					Shaker 1 170																						
6 rpm							1						Collars 5.000 2.625 99' 11,711'					Shaker 2 170																						
3 rpm							1						Dir. BHA 5.250 33' 11,810'					Shaker 3 170																						
Plastic Viscosity (cp) @ 120 °F							1											11,843'																						
Yield Point (lb/100 ft²) T0 = 1							1						CASING & HOLE DATA					Desander																						
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1						Casing OD (in.) ID (in.) Depth Top					Desilter																						
Gel Strength (lb/100 ft²) 30 min							1						Riser 20					Centrifuge 1																						
API Filtrate / Cake Thickness													Surface 10 3/4 2,915' 0'					VOLUME ACCOUNTING (bbls)																						
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg. 7 5/8 6.875 10,022' 0'					Prev. Total on Location 3223.7																						
Retort Solids Content							0.4%						Washout 1					Transferred In(+)/Out(-)																						
Retort Oil Content													Washout 2					Oil Added (+) 121.7																						
Retort Water Content							99.6%						Open Hole Size 6.750 11,843'					Barite Added (+) 40.5																						
Sand Content							0%						ANNULAR GEOMETRY & RHEOLOGY					Other Product Usage (+) 16.9																						
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal																			
pH							7.0											Water Added (+)																						
Alkalinity, Mud Pm																		Left on Cuttings (-) -76.1																						
Alkalinities, Filtrate Pf/Mf							0.1/0.2						6.875x4.5 10,022' 533.6 turb 9.43					Centrifuge																						
Chlorides (mg/L)							500						6.75x4.5 11,711' 569.6 turb 9.76					Lost Returns (-) -949.6																						
Calcium (ppm)							140						6.75x5 11,810' 701.1 turb 9.97					Est. Total on Location 2377.1																						
Excess Lime (lb/bbl)													6.75x5.25 11,843' 800.9 turb 10.17					Est. Losses/Gains (-)/(+) 0.0																						
Average Specific Gravity of Solids							2.60		2.60		2.60							BIT HYDRAULICS DATA																						
Percent Low Gravity Solids							0.4%											Bit H.S.I.		Bit ΔP		Nozzles (32nds)																		
Percent Drill Solids							0.4%											1.15		120 psi																				
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA		Manuf./Type Halliburton GTD64M			324 lbs		127																				
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure															
Sample Taken By							M. Calais						6 3/4		10,032 ft		4.0		92 ft		23.0				1,690 psi															
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR1 TOTAL ALLOCATED OBM 3154 BBLS Prep Rig for Mud Cap drilling										Rig Activity: Rot/Sld Drlg F/10,732' T/10,956' circulate out gas and increase density T/9.2 ppg. Rot/Sld T/10,983', circulate out gas and increase density T/9.4 ppg. Rot/Sld T/11,488', circulate gas out and increase density T/9.6 ppg. Rot/Sld T/11,493' MD under whole mud losses (178 bbls). Pump 170 bbls 9.6 ppg. down back side to flush out gas. Weigh up mud cap T/17.5 ppg. and pump 116 bbls 17.5 kill mud down the backside. Drilling with fresh water at report time.																														
Eng. 1: Patrick Blair Phone: 936-465-0952							Eng. 2: Michael Calais Phone: 936-689-1612							WH 1: MIDLAND Phone: 432-686-7361							WH 2: WH #2 Phone: -							Rig Phone:							Daily Total			Cumulative Cost		
W P Y g G p A S C 1 1 1 1 1 0 1 0 0							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.														\$75,667.22							\$129,993.52												
										INCLUDING 3RD PARTY CHARGES														\$88,350.66							\$208,765.68									

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID
VOLUME
ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1								WEEK 2								WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21		
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat			
		Bit Size	13 1/2																9 7/8	9 7/8	9 7/8	9 7/8			
Grand Totals	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032			
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032			
11,843	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-			
1,271	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-			
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843			
47	Chemical Additions																	8	14	1					
740	Base Fluid Added																	224	175	118					
55	Barite Increase																			14					
3,098	Weighted Mud Added																	2,785							
-	Slurry Added																								
50	Water Added																	30	20						
-	Added for Washout																								
3,990	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-			
-	Surface Losses																								
972	Formation Loss																			22					
693	Mud Loss to Cuttings																	355	224	38					
85	Unrecoverable Volume																		23	62					
135	Centrifuge Losses																	24	20	50					
1,885	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-			
-	Mud Transferred Out																								
2,377	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843			
-	Mud Recovered																								
3,370		Comments:								Comments:								Comments:							
		11/28/21								12/5/21								12/12/21							
		11/29/21								12/6/21								12/13/21							
		11/30/21								12/7/21								12/14/21							
		12/1/21								12/8/21								12/15/21							
		12/2/21								12/9/21								12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.							
		12/3/21								12/10/21								12/17/21							
		12/4/21								12/11/21								12/18/21							

3,370

12/31/21

110 Old Market St.
St Martinville, LA 70582

Report #10

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21			24 hr fig. 2,942 ft			Drilled Depth 14,425 ft																	
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21			Current ROP 0 ft/hr			Activity POOH																	
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM			Circulating Rate 0 gpm			Circulating Pressure psi																	
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																				
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 8.4-9		API fl <25		% Solids 2-10		In Pits 200 bbl In Hole 0 bbl Active 200 bbl Storage <u>2130 bbl</u> Tot. on Location 2330 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																
							12/31/21				12/30/21																									
Time Sample Taken							0:30				12:00																									
Sample Location							pit				pit																									
Flowline Temperature °F													PHHP = 0 CIRCULATION DATA n = 0.585 K = 26.563																							
Depth (ft)							14,425'				13,425'		Bit Depth = '			Washout = 0%			Pump Efficiency = 95%																	
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Vol. 200.0 bbl		Strokes To Bit BottomsUp Stks TotalCirc.Stks			Time To Bit BottomsUp Time Total Circ. Time																
600 rpm							3				3		0.0 bbl																							
300 rpm							2				2		DRILLING ASSEMBLY DATA							SOLIDS CONTROL																
200 rpm							1				1		Tubulars		OD (in.)		ID (in.)		Length		Top		Unit Screens Hours													
100 rpm							1				1		Drill Pipe		4.500				0'		0'		Shaker 1 170 0.0													
6 rpm							1				1		Collars		5.000						0'		Shaker 2 170 0.0													
3 rpm							1				1		Dir. BHA		5.250						0'		Shaker 3 170 0.0													
Plastic Viscosity (cp) @ 120 °F							1				1												Desander													
Yield Point (lb/100 ft²) T0 = 1							1				1		CASING & HOLE DATA										Desilter													
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing		OD (in.)		ID (in.)		Depth		Top		Centrifuge 1 0.0													
Gel Strength (lb/100 ft²) 30 min							1				1		Riser		20								VOLUME ACCOUNTING (bbls)													
API Filtrate / Cake Thickness													Surface		10 3/4				2,915'		0'		Prev. Total on Location 2377.0													
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg.		7 5/8				10,022'		0'		Transferred In(+)/Out(-)													
Retort Solids Content							0.4%				0.4%		Washout 1										Oil Added (+) 40.0													
Retort Oil Content													Washout 2										Barite Added (+) 0.0													
Retort Water Content							99.6%				99.6%		Open Hole Size 0.000 14,425'										Other Product Usage (+) 0.2													
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY										Water Added (+)													
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-) 0.0													
pH							7.0				7.0												Centrifuge													
Alkalinity, Mud Pm																							Lost Returns (-) -87.3													
Alkalinities, Filtrate Pf/Mf							0.1/0.2				0.1/0.2												Est. Total on Location 2330.0													
Chlorides (mg/L)							800				500												Est. Losses/Gains (-)/(+) 0.0													
Calcium (ppm)							160				120												BIT HYDRAULICS DATA													
Excess Lime (lb/bbl)																							Bit H.S.I.		Bit ΔP		Nozzles (32nds)									
Average Specific Gravity of Solids							2.60		2.60		2.60														psi											
Percent Low Gravity Solids							0.3%				0.4%												Bit Impact Force		Nozzle Velocity (ft/sec)		18 18 18									
Percent Drill Solids							0.3%				0.4%																18 18 18									
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Halliburton GTD64M			0 lbs			0														
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure											
Sample Taken By							N. Dilly				P. Blair				10,032 ft		24.0		3,034 ft		126.4															
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR1 TOTAL ALLOCATED OBM 3154 BBLS TOTAL MUD CHARGED OFF Received 2,080bls Produced Brine.										Rig Activity: Drill with fresh water/produced brine under mud cap to 14,425'. Circulate clean up cycles. POOH to inspect motor. Spot 40bls of 17.5ppg kill mud down backside while pulling off bottom. Continue POOH filling backside with 9.8ppg OBM at report time (current bit deptch 11,511'). Torque 12-16k while drilling.																										
Eng. 1: Patrick Blair Phone: 936-465-0952							Eng. 2: Nick Dilly Phone: 337-207-8848							WH 1: MIDLAND Phone: 432-686-7361							WH 2: WH #2 Phone: -							Rig Phone:			Daily Total			Cumulative Cost		
W P Y g G p A S C 1 1 1 1 1 0 1 0 0							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.																	\$7,677.06			\$137,670.58									
										INCLUDING 3RD PARTY CHARGES																	\$11,759.06			\$220,524.74						

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID
VOLUME
ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

	Date	WEEK 1							WEEK 2							WEEK 3						
		11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	Bit Size	13 1/2																9 7/8	9 7/8	9 7/8	9 7/8	9 7/8
Grand Totals	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032
14,425	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-
1,386	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843
47	Chemical Additions																	8	14	1		
780	Base Fluid Added																	224	175	118		
55	Barite Increase																			14		
3,098	Weighted Mud Added																	2,785				
-	Slurry Added																					
50	Water Added																	30	20			
-	Added for Washout																					
4,030	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-
-	Surface Losses																					
1,059	Formation Loss																			22		
693	Mud Loss to Cuttings																	355	224	38		
85	Unrecoverable Volume																		23	62		
135	Centrifuge Losses																	24	20	50		
1,972	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-
-	Mud Transferred Out																					
2,330	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																					
		Comments:							Comments:							Comments:						
		11/28/21							12/5/21							12/12/21						
		11/29/21							12/6/21							12/13/21						
		11/30/21							12/7/21							12/14/21						
		12/1/21							12/8/21							12/15/21						
		12/2/21							12/9/21							12/16/21						
		12/3/21							12/10/21							12/17/21						
		12/4/21							12/11/21							12/18/21						

3,370

01/01/22

110 Old Market St.
St Martinville, LA 70582

Report #11

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21			24 hr fig. 555 ft			Drilled Depth 14,980 ft																					
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21			Current ROP 230 ft/hr			Activity Drl Lat																					
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM			Circulating Rate 401 gpm			Circulating Pressure 5,575 psi																					
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 8.4-9		API fl <25		% Solids 2-10		In Pits 220 bbl In Hole 0 bbl Active 220 bbl Storage <u>1626 bbl</u> Tot. on Location 1846 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 77 gal/min 202		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																				
						1/1/22						12/31/21																												
Time Sample Taken							0:30				12:00																													
Sample Location							pit				pit																													
Flowline Temperature °F													PHHP = 1306		CIRCULATION DATA		n = 0.585 K = 26.563																							
Depth (ft)							14,980'				14,425'		Bit Depth = '		Washout = 0%		Pump Efficiency = 95%																							
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Vol. 220.0 bbl		Strokes To Bit 0 BottomsUp Stks 0 TotalCirc.Stks 3,522		Time To Bit 0 min BottomsUp Time 0 min Total Circ. Time 23 min																					
600 rpm							3				3		0.0 bbl																											
300 rpm							2				2		DRILLING ASSEMBLY DATA							SOLIDS CONTROL																				
200 rpm							1				1		Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																						
100 rpm							1				1		Drill Pipe 4.500 0' 0'					Shaker 1 170 0.0																						
6 rpm							1				1		Collars 5.000 0'					Shaker 2 170 0.0																						
3 rpm							1				1		Dir. BHA 5.250 0'					Shaker 3 170 0.0																						
Plastic Viscosity (cp) @ 120 °F							1				1		0'					Desander																						
Yield Point (lb/100 ft²) T0 = 1							1				1		CASING & HOLE DATA							Desilter																				
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top					Centrifuge 1 0.0																						
Gel Strength (lb/100 ft²) 30 min							1				1		Riser 20					VOLUME ACCOUNTING (bbls)																						
API Filtrate / Cake Thickness													Surface 10 3/4 2,915' 0'					Prev. Total on Location 2330.0																						
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg. 7 5/8 10,022' 0'					Transferred In(+)/Out(-)																						
Retort Solids Content							0.4%				0.4%		Washout 1					Oil Added (+) 25.9																						
Retort Oil Content													Washout 2					Barite Added (+) 29.2																						
Retort Water Content							99.6%				99.6%		Open Hole Size 0.000 14,980'					Other Product Usage (+) 1.0																						
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY							Water Added (+)																				
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal																			
pH							7.0				7.0									Left on Cuttings (-) 0.0																				
Alkalinity, Mud Pm																				Centrifuge																				
Alkalinities, Filtrate PflMf							0.1/0.2				0.1/0.2									Lost Returns (-) -540.1																				
Chlorides (mg/L)							600				800									Est. Total on Location 1846.0																				
Calcium (ppm)							200				160									Est. Losses/Gains (-)/(+) 0.0																				
Excess Lime (lb/bbl)																				BIT HYDRAULICS DATA																				
Average Specific Gravity of Solids							2.60		2.60		2.60									Bit H.S.I.		Bit ΔP 56 psi		Nozzles (32nds)																
Percent Low Gravity Solids							0.4%				0.3%													18 18 18																
Percent Drill Solids							0.4%				0.3%									Bit Impact Force		Nozzle Velocity (ft/sec)																		
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA		Manuf./Type		Halliburton / PDC		151 lbs		86																			
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure															
Sample Taken By							N. Dilly				P. Blair				14,425 ft		7.0		555 ft		79.3		5,510 psi		5,575 psi															
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR TOTAL ALLOCATED OBM 3154 BBLS TOTAL MUD CHARGED OFF 1669bbls Received 960bbls Produced Brine. Ordered 200bbls of 17.5ppg kill mud.										Rig Activity: SOOH filling backside with 9.8ppg OBM T/BHA. Pump 64bbls 17.5ppg kill mud down backside. Rack back reamer, L/D NMDC, remove MWD tool, drain motor/break bit, and L/D same. Pumped additional 66bbls 17.5ppg down back side. P/U new motor and scribe. P/U agitator, remove trip nipple, and install rotating head. TIH to bottom and drill ahead under mud cap with freshwater/produced brine to 14,980'. Built 17.5ppg kill mud from 14.0ppg in storage. Torque 14-18k while drilling.																														
Eng. 1: Patrick Blair Phone: 936-465-0952							Eng. 2: Nick Dilly Phone: 337-207-8848							WH 1: MIDLAND Phone: 432-686-7361							WH 2: WH #2 Phone: -							Rig Phone:							Daily Total			Cumulative Cost		
W P Y g G p A S C 1 1 1 1 1 0 1 0 0							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.														\$42,102.28							\$179,772.86												
										INCLUDING 3RD PARTY CHARGES														\$44,931.08							\$265,455.82									

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Grand Totals	Bit Size	13 1/2																9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032
	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-
14,980	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-	
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
48	Chemical Additions																	8	14	1			
806	Base Fluid Added																	224	175	118			
84	Barite Increase																			14			
3,098	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
4,086	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
1,599	Formation Loss																			22			
693	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
135	Centrifuge Losses																	24	20	50			
2,512	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
1,846	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,370	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

01/02/22

110 Old Market St.
St Martinville, LA 70582

Report #12

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21			24 hr fig. 2,353 ft			Drilled Depth 17,333 ft																					
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21			Current ROP 260 ft/hr			Activity Drl Lat																					
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM			Circulating Rate 401 gpm			Circulating Pressure 5,220 psi																					
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 7-9		API fl <25		% Solids 2-10		In Pits 226 bbl In Hole 0 bbl Active 226 bbl Storage <u>1833 bbl</u> Tot. on Location 2059 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 77 gal/min 202		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																				
						1/2/22						1/1/21																												
Time Sample Taken							0:30						12:00																											
Sample Location							pit						pit																											
Flowline Temperature °F													PHHP = 1222		CIRCULATION DATA		n = 0.585 K = 26.563																							
Depth (ft)							17,333'						14,425'		Bit Depth = '			Washout = 0%			Pump Efficiency = 95%																			
Mud Weight (ppg)							8.4						8.4		Drill String Disp.		Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Vol. 226.0 bbl		Strokes To Bit 0 BottomsUp Stks 0 TotalCirc.Stks 3,618		Time To Bit 0 min BottomsUp Time 0 min Total Circ. Time 24 min																			
Funnel Vis (sec/qt) @ 74 °F							29						28		0.0 bbl																									
600 rpm							3						3																											
300 rpm							2						2		DRILLING ASSEMBLY DATA						SOLIDS CONTROL																			
200 rpm							1						1		Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																				
100 rpm							1						1		Drill Pipe 4.500 0' 0'					Shaker 1 170 0.0																				
6 rpm							1						1		Collars 5.000 0'					Shaker 2 170 0.0																				
3 rpm							1						1		Dir. BHA 5.250 0'					Shaker 3 170 0.0																				
Plastic Viscosity (cp) @ 120 °F							1						1		0'					Desander																				
Yield Point (lb/100 ft²) T0 = 1							1						1		CASING & HOLE DATA						Desilter																			
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1						1/1		Casing OD (in.) ID (in.) Depth Top					Centrifuge 1 0.0																				
Gel Strength (lb/100 ft²) 30 min							1						1		Riser 20					VOLUME ACCOUNTING (bbbls)																				
API Filtrate / Cake Thickness															Surface 10 3/4 2,915' 0'					Prev. Total on Location 1846.0																				
HTHP Filtrate / Cake Thickness @ 0 °F															Int. Csg. 7 5/8 10,022' 0'					Transferred In(+)/Out(-) 213.0																				
Retort Solids Content							0.4%						0.4%		Washout 1					Oil Added (+) 77.0																				
Retort Oil Content							0.1%								Washout 2					Barite Added (+) 0.0																				
Retort Water Content							99.5%						99.6%		Open Hole Size 0.000 17,333'					Other Product Usage (+) 1.2																				
Sand Content							0%						0%		ANNULAR GEOMETRY & RHEOLOGY						Water Added (+)																			
M.B.T. (Methylene Blue Capacity) (ppb)															annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-) 0.0															
pH							7.0						7.0								Centrifuge																			
Alkalinity, Mud Pm																					Lost Returns (-) -78.1																			
Alkalinities, Filtrate PflMf							0.1/0.2						0.1/0.2								Est. Total on Location 2059.0																			
Chlorides (mg/L)							700						500								Est. Losses/Gains (-)/(+) 0.0																			
Calcium (ppm)							200						160								BIT HYDRAULICS DATA																			
Excess Lime (lb/bbl)																					Bit H.S.I.		Bit ΔP		Nozzles (32nds)															
Average Specific Gravity of Solids							2.60		2.60		2.60										56 psi		18		18		18													
Percent Low Gravity Solids							0.4%						0.4%								Bit Impact Force		Nozzle Velocity (ft/sec)		18		18		18											
Percent Drill Solids							0.4%						0.4%																											
PPA Spurt / Total (ml) @ @ 0 °F															BIT DATA			Manuf./Type Halliburton / PDC			151 lbs		86																	
Estimated Total LCM in System ppb															Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure													
Sample Taken By							N. Dilly						P. Blair				14,425 ft		27.0		2,908 ft		107.7		5,155 psi		5,220 psi													
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR TOTAL ALLOCATED OBM 3154 BBLS TOTAL MUD CHARGED OFF 1669bls Received 2730bls of Produced Brine. Received 213bls of 17.5ppg kill mud.										Rig Activity: Drill/Slide ahead under mud cap with freshwater/produced brine to 16,776'. Started pumping 10bls PHPA sweeps every 300' at 16,500' to aid it cuttings transportation to formation fracture. Repair IBOP and replace saver sub. Continue drilling under mud cap with freshwater/produced brine to 17,333' at report time. Torque 16-19k while drilling.																														
Eng. 1: Patrick Blair Phone: 936-465-0952							Eng. 2: Nick Dilly Phone: 337-207-8848							WH 1: MIDLAND Phone: 432-686-7361							WH 2: WH #2 Phone: -							Rig Phone:							Daily Total			Cumulative Cost		
W P Y g G p A S C 1 1 1 1 1 1 1 0 0							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.																					\$3,475.48			\$183,248.34									
										INCLUDING 3RD PARTY CHARGES																					\$11,878.68			\$277,334.50						

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Grand Totals	Bit Size	13 1/2																9 7/8	9 7/8	9 7/8	9 7/8	9 7/8	
	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032	
	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-	
17,333	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-	
1,514	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	
49	Chemical Additions																	8	14	1			
883	Base Fluid Added																	224	175	118			
84	Barite Increase																			14			
3,311	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
4,377	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
1,677	Formation Loss																			22			
693	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
135	Centrifuge Losses																	24	20	50			
2,590	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
2,059	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,583	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

01/03/22

110 Old Market St.
St Martinville, LA 70582

Report #13

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21		24 hr fig. 1,312 ft		Drilled Depth 18,645 ft																							
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21		Current ROP 0 ft/hr		Activity POOH																							
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM		Circulating Rate 0 gpm		Circulating Pressure psi																							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 7-9		API fl <25		% Solids 2-10		In Pits 370 bbl In Hole 0 bbl Active 370 bbl Storage <u>1311 bbl</u> Tot. on Location 1681 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																				
							1/3/22				1/2/21																													
Time Sample Taken							0:30				12:00																													
Sample Location							pit				pit																													
Flowline Temperature °F													PHHP = 0 CIRCULATION DATA n = 0.585 K = 26.563																											
Depth (ft)							18,645'				18,645'		Bit Depth = '			Washout = 0%			Pump Efficiency = 95%																					
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Vol. 370.0 bbl		Strokes To Bit BottomsUp Stks TotalCirc.Stks			Time To Bit BottomsUp Time Total Circ. Time																				
600 rpm							3				3		0.0 bbl																											
300 rpm							2				2		DRILLING ASSEMBLY DATA							SOLIDS CONTROL																				
200 rpm							1				1		Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																						
100 rpm							1				1		Drill Pipe 4.500 0' 0'					Shaker 1 170 0.0																						
6 rpm							1				1		Collars 5.000 0'					Shaker 2 170 0.0																						
3 rpm							1				1		Dir. BHA 5.250 0'					Shaker 3 170 0.0																						
Plastic Viscosity (cp) @ 120 °F							1				1		0'					Desander																						
Yield Point (lb/100 ft²) T0 = 1							1				1		CASING & HOLE DATA							Desilter																				
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top					Centrifuge 1 0.0																						
Gel Strength (lb/100 ft²) 30 min							1				1		Riser 20					VOLUME ACCOUNTING (bbls)																						
API Filtrate / Cake Thickness													Surface 10 3/4 2,915' 0'					Prev. Total on Location 2059.0																						
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg. 7 5/8 10,022' 0'					Transferred In(+)/Out(-)																						
Retort Solids Content							0.4%				0.4%		Washout 1					Oil Added (+) 20.8																						
Retort Oil Content							0.1%						Washout 2					Barite Added (+) 24.8																						
Retort Water Content							99.5%				99.6%		Open Hole Size 0.000 18,645'					Other Product Usage (+) 0.2																						
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY							Water Added (+)																				
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-) 0.0																	
pH							7.0				7.0												Centrifuge																	
Alkalinity, Mud Pm																							Lost Returns (-) -423.8																	
Alkalinities, Filtrate Pfl/Mf							0.1/0.2				0.1/0.2												Est. Total on Location 1681.0																	
Chlorides (mg/L)							600				600												Est. Losses/Gains (-)/(+) 0.0																	
Calcium (ppm)							200				160												BIT HYDRAULICS DATA																	
Excess Lime (lb/bbl)																							Bit H.S.I.		Bit ΔP		Nozzles (32nds)													
Average Specific Gravity of Solids							2.60		2.60		2.60														psi		18 18 18													
Percent Low Gravity Solids							0.4%				0.4%												Bit Impact Force		Nozzle Velocity (ft/sec)		18 18 18													
Percent Drill Solids							0.4%				0.4%																													
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Halliburton / PDC			0 lbs		0																			
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure															
Sample Taken By							N. Dilly				P. Blair				14,425 ft		35.0		4,220 ft		120.6																			
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR TOTAL ALLOCATED OBM 3369 BBLS TOTAL MUD CHARGED OFF 1669bbls Received 130bbls of Produced Brine. Ordered 200bbls 17.5ppg kill mud.										Rig Activity: Rot/Sld Drlg under mud cap with freshwater/produced brine to 18,645'TD pumping hi-vis PHPA sweeps every 300'. Pumped a 30bbls PHPA viscous sweep and circulate 6 B/U. Backream 25'/min to 17,330'. SOOH filling with 12.8ppg OBM to 2,865'. Pump 50bbls 17.5ppg kill mud down backside. Slip and cut drill line at report time. Torque 12-19k while drilling. Built additional 12.8ppg OBM from 9.8ppg for hole fill while tripping.																														
Eng. 1: Patrick Blair Phone: 936-465-0952							Eng. 2: Nick Dilly Phone: 337-207-8848							WH 1: MIDLAND Phone: 432-686-7361							WH 2: WH #2 Phone: -							Rig Phone:							Daily Total			Cumulative Cost		
W P Y g G p A S C 1 1 1 1 1 1 1 0 0							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.																			\$33,381.24			\$216,629.58											
										INCLUDING 3RD PARTY CHARGES																			\$35,653.64			\$312,988.14								

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Bit Size	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Grand Totals	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032	
	18,645	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-
1,572	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-	
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	
49	Chemical Additions																	8	14	1			
904	Base Fluid Added																	224	175	118			
109	Barite Increase																			14			
3,311	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
4,423	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
2,101	Formation Loss																			22			
693	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
135	Centrifuge Losses																	24	20	50			
3,014	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
1,681	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,583	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									

01/04/22

110 Old Market St.
St Martinville, LA 70582

Report #14

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator MAGNOLIA OIL & GAS							Contractor PATTERSON			County / Parish / Block WASHINGTON			Engineer Start Date 11/27/21			24 hr fig. 0 ft			Drilled Depth 18,645 ft																			
Well Name and No. TAHOE MOUNTAIN H03 PR							Rig Name and No. 248			State TEXAS			Spud Date 11/27/21			Current ROP 0 ft/hr			Activity Run Casing																			
Report for Kevin Burt/Chris Mayeaux							Report for Tool Pusher			Field / OCS-G # GIDDINGS			Fluid Type WBM			Circulating Rate 0 gpm			Circulating Pressure psi																			
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																						
Weight 8.4-9.6		PV 0-10		YP 0-10		GELS <5 <10		pH 7-9		API fl <25		% Solids 2-10		In Pits 160 bbl In Hole 0 bbl Active 160 bbl Storage <u>1382 bbl</u> Tot. on Location 1542 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																		
							1/4/22				1/3/21																											
Time Sample Taken							0:30				11:30																											
Sample Location							pit				pit																											
Flowline Temperature °F													PHHP = 0 CIRCULATION DATA n = 0.585 K = 26.563																									
Depth (ft)							18,645'				18,645'		Bit Depth = '			Washout = 0%			Pump Efficiency = 95%																			
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 0.0 bbl Bottoms Up Vol. 0.0 bbl TotalCirc.Vol. 160.0 bbl		Strokes To Bit BottomsUp Stks TotalCirc.Stks			Time To Bit BottomsUp Time Total Circ. Time																		
600 rpm							3				3		0.0 bbl																									
300 rpm							2				2		DRILLING ASSEMBLY DATA						SOLIDS CONTROL																			
200 rpm							1				1		Tubulars		OD (in.)		ID (in.)		Length		Top		Unit		Screens		Hours											
100 rpm							1				1		Casing		5.500				0'		0'		Shaker 1		170		0.0											
6 rpm							1				1		Casing		5.000						0'		Shaker 2		170		0.0											
3 rpm							1				1		Dir. BHA								0'		Shaker 3		170		0.0											
Plastic Viscosity (cp) @ 120 °F							1				1										0'		Desander															
Yield Point (lb/100 ft²) T0 = 1							1				1		CASING & HOLE DATA						Desilter																			
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing		OD (in.)		ID (in.)		Depth		Top		Centrifuge 1				0.0											
Gel Strength (lb/100 ft²) 30 min							1				1		Riser		20								VOLUME ACCOUNTING (bbbls)															
API Filtrate / Cake Thickness													Surface		10 3/4				2,915'		0'		Prev. Total on Location				1681.0											
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg.		7 5/8				10,022'		0'		Transferred In(+)/Out(-)															
Retort Solids Content							0.4%				0.4%		Washout 1										Oil Added (+)				0.0											
Retort Oil Content													Washout 2										Barite Added (+)				0.0											
Retort Water Content							99.6%				99.6%		Open Hole Size		0.000		18,645'						Other Product Usage (+)				0.0											
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY										Water Added (+)															
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-)				0.0											
pH							7.0				7.0												Centrifuge															
Alkalinity, Mud Pm																							Lost Returns (-)				-139.0											
Alkalinities, Filtrate PflMf							0.1/0.2				0.1/0.2												Est. Total on Location				1542.0											
Chlorides (mg/L)							600				600												Est. Losses/Gains (-)/(+)				0.0											
Calcium (ppm)							200				160												BIT HYDRAULICS DATA															
Excess Lime (lb/bbl)																							Bit H.S.I.		Bit ΔP		Nozzles (32nds)											
Average Specific Gravity of Solids							2.60		2.60		2.60																											
Percent Low Gravity Solids							0.4%				0.4%												Bit Impact Force		Nozzle Velocity (ft/sec)													
Percent Drill Solids							0.4%				0.4%																											
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type			Halliburton / PDC																			
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure													
Sample Taken By							N. Dilly				P. Blair																											
Remarks/Recommendations: TOTAL OBM RECEIVED 2696 fromTahoe Pines HO1 PR TOTAL ALLOCATED OBM 3369 BBLS TOTAL MUD CHARGED OFF 2186bls Received 0bls of Produced Brine. Ordered 200bls 17.5ppg OBM kill mud & 1000bls of 9.0ppg.									Rig Activity: Complete POOH filling with 12.8ppg OBM to BHA & L/D same. Remove wear bushing, mouse hole, and elevators. Hold safety meeting with casing crew and R/U tools. M/U shoe track and test. Run 5" casing T/2,001', remove trip nipple, and install rotating head. Continue running 5" casing T/9,341'. Rig up floor for 5 1/2" casing. Run 5 1/2" casing down to 15,340'. Wash/Ream with freshwater to current depth of 16,941'. Continue to wash/ream casing at report time.																													
Eng. 1: Patrick Blair			Eng. 2: Nick Dilly			WH 1: MIDLAND			WH 2: WH #2			Rig Phone:			Daily Total			Cumulative Cost																				
Phone: 936-465-0952			Phone: 337-207-8848			Phone: 432-686-7361			Phone: -																													
W 1			P 1			Y 1			g 1			G 1			p 1			A 1			S 1			C 0			O 0			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.			\$12,465.00			\$229,094.58		
									INCLUDING 3RD PARTY CHARGES									\$12,465.00			\$325,453.14																	

THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	248
Well Name:	TAHOE MOUNTAIN H03 PR

		WEEK 1							WEEK 2							WEEK 3							
		Date	11/28/21	11/29/21	11/30/21	12/1/21	12/2/21	12/3/21	12/4/21	12/5/21	12/6/21	12/7/21	12/8/21	12/9/21	12/10/21	12/11/21	12/12/21	12/13/21	12/14/21	12/15/21	12/16/21	12/17/21	12/18/21
		Bit Size	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Grand Totals	Starting Depth		2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	
	Ending Depth	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	2,925	6,672	9,830	10,032	10,032	10,032	
	18,645	Footage Drilled	2,925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,747	3,158	202	-	-
	1,572	New Hole Vol.	518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	355	299	19	-	-
	Starting System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	
49	Chemical Additions																	8	14	1			
904	Base Fluid Added																	224	175	118			
109	Barite Increase																			14			
3,311	Weighted Mud Added																	2,785					
-	Slurry Added																						
50	Water Added																	30	20				
-	Added for Washout																						
4,423	Total Additions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,047	209	133	-	-	
-	Surface Losses																						
2,240	Formation Loss																			22			
693	Mud Loss to Cuttings																	355	224	38			
85	Unrecoverable Volume																		23	62			
135	Centrifuge Losses																	24	20	50			
3,153	Total Losses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	379	267	172	-	-	
-	Mud Transferred Out																						
1,542	Ending System Volume	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	2,940	2,882	2,843	2,843	2,843
-	Mud Recovered																						
3,583	Comments:							Comments:							Comments:								
	11/28/21							12/5/21							12/12/21								
	11/29/21							12/6/21							12/13/21								
	11/30/21							12/7/21							12/14/21								
	12/1/21							12/8/21							12/15/21								
	12/2/21							12/9/21							12/16/21 Lost 38bls to mud on cuttings while drilling. 22bls lost to excess hole fill during trip. 62bls to surface while circulating and POOH. 50bls lost to centrifuge discharge.								
	12/3/21							12/10/21							12/17/21								
12/4/21							12/11/21							12/18/21									