

03/05/22

110 Old Market St.  
St Martinville, LA 70582

Report #4

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>0 ft</b>			Drilled Depth <b>0 ft</b>																																						
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/06/22</b>			Current ROP <b>0 ft/hr</b>			Activity <b>R/U on Location</b>																																						
Report for <b>JESSIE COLLINSON / MATT KUBACHKA</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>			Circulating Rate <b>0 gpm</b>			Circulating Pressure <b>psi</b>																																						
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																																									
Weight <b>8.6-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 0 bbl		Liner Size 5.25		Liner Size 5.25		Liner Size 5.25																																					
														In Hole 0 bbl		Stroke 12		Stroke 12		Stroke 12																																					
						3/5/22								Active 0 bbl		bbl/stk 0.0763		bbl/stk 0.0763		bbl/stk 0.0763																																					
														Storage <u>0 bbl</u>		stk/min 0		stk/min 0		stk/min 0																																					
								NO MUD		NO MUD		NO MUD		Tot. on Location 0 bbl		gal/min 0		gal/min 0		gal/min 0																																					
Flowline Temperature °F														PHHP = 0 <b>CIRCULATION DATA</b>																																											
Depth (ft)														Bit Depth = '			Washout = 5%			Pump Efficiency = 95%																																					
Mud Weight (ppg)														Drill String Disp.		Volume to Bit 0.0 bbl		Strokes To Bit			Time To Bit																																				
Funnel Vis (sec/qt) @ 70 °F																Bottoms Up Vol. 0.0 bbl		BottomsUp Stks			BottomsUp Time																																				
600 rpm														0.0 bbl		TotalCirc.Vol. 0.0 bbl		TotalCirc.Stks			Total Circ. Time																																				
300 rpm														<b>DRILLING ASSEMBLY DATA</b>							<b>SOLIDS CONTROL</b>																																				
200 rpm														Tubulars		OD (in.)		ID (in.)		Length		Top		Unit		Screens		Hours																													
100 rpm														Drill Pipe						0'		0'		Shaker 1		170																															
6 rpm														Hevi Wt						0'				Shaker 2		170																															
3 rpm														Drill Pipe						0'				Shaker 3		170																															
Plastic Viscosity (cp) @ 120 °F														Collars						0'		NOV Shakers		170																																	
Yield Point (lb/100 ft²) T0 =														<b>CASING &amp; HOLE DATA</b>							Centrifuge 1																																				
Gel Strength (lb/100 ft²) 10 sec/10 min														Casing		OD (in.)		ID (in.)		Depth		Top																																			
Gel Strength (lb/100 ft²) 30 min														Riser																																											
API Filtrate / Cake Thickness														Surface						0'		Prev. Total on Location 0.0																																			
HTHP Filtrate / Cake Thickness @ 0 °F														Int. Csg.						0'		Transferred In(+)/Out(-)																																			
Retort Solids Content														Washout 1								Oil Added (+) 0.0																																			
Retort Oil Content														Washout 2								Barite Added (+) 0.0																																			
Retort Water Content														Open Hole Size		0.000		0'		Other Product Usage (+) 0.0																																					
Sand Content														<b>ANNULAR GEOMETRY &amp; RHEOLOGY</b>							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																					Non-Recoverable Vol. (-)																																				
Alkalinity, Mud Pm																					Discharged (-)																																				
Alkalinities, Filtrate Pf/Mf																					Est. Total on Location 0.0																																				
Chlorides (mg/L)																					Est. Losses/Gains (-)/(+) 0.0																																				
Calcium (ppm)																					<b>BIT HYDRAULICS DATA</b>																																				
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																																																									
Percent Drill Solids																																																									
PPA Spurt / Total (ml) @ @ 0 °F																					<b>BIT DATA</b>		Manuf./Type		No Bit																																
Estimated Total LCM in System ppb														Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure																															
Sample Taken By							B.Guidry																																																		
Remarks/Recommendations:										Rig Activity:																																															
										Continue to Rig Up Patterson 285 on BUCKY BADGER H02 BB Location. Set Bulk Barite Tanks. R/U Manifold, Drive Over and lines to frac tanks and pits. Dressed shakers with 170 mesh screens. Continue with R/U operations at report time.																																															
Eng. 1: Adolfo A. Roman Phone: 956-821-9994										Eng. 2: Bart Guidry Phone: 337-250-3841										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 0 2 2 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.																														<b>\$2,160.00</b>				<b>\$6,930.00</b>													
																																																		<b>\$2,160.00</b>				<b>\$6,930.00</b>			





03/06/22

110 Old Market St.  
St Martinville, LA 70582

Report #5

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

14.8° 3,005' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>		24 hr fig. <b>3,033 ft</b>		Drilled Depth <b>3,033 ft</b>																							
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>		Current ROP <b>95 ft/hr</b>		Activity <b>Drill Surface</b>																							
Report for <b>JESSIE COLLINSON / MATT KUBACHKA</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>		Circulating Rate <b>885 gpm</b>		Circulating Pressure <b>2,050 psi</b>																							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 556 bbl In Hole 565 bbl Active 1121 bbl Storage <u>0 bbl</u> Tot. on Location 1121 bbl		Liner Size 5.25 Stroke 12 bbl/stk 0.0763 stk/min 138 gal/min 442		Liner Size 5.25 Stroke 12 bbl/stk 0.0763 stk/min 138 gal/min 442		Liner Size Stroke bbl/stk 0.0000 stk/min gal/min 0																				
							3/6/22				3/5/22																													
Time Sample Taken							1:30				13:00																													
Sample Location							suction				suction																													
Flowline Temperature °F							110 °F						PHHP = 1058 CIRCULATION DATA n = 0.415 K = 114.973																											
Depth (ft)							2,924'						Bit Depth = 3,033 '			Washout = 5%			Pump Efficiency = 95%																					
Mud Weight (ppg)							9.3				8.5		Drill String Disp.  26.6 bbl	Volume to Bit 51.7 bbl Bottoms Up Vol. 513.8 bbl TotalCirc.Vol. 1121.4 bbl		Strokes To Bit 677 BottomsUp Stks 6,733 TotalCirc.Stks 14,696		Time To Bit 2 min BottomsUp Time 24 min Total Circ. Time 53 min																						
Funnel Vis (sec/qt) @ 85 °F							35				26																													
600 rpm							4				3																													
300 rpm							3				2		DRILLING ASSEMBLY DATA						SOLIDS CONTROL																					
200 rpm							2				1		Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																						
100 rpm							1				1		Drill Pipe 5.000 4.276 2,624' 0'					Shaker 1 170 12.0																						
6 rpm							1				1		Hevi Wt 5.000 3.826 288' 2,624'					Shaker 2 170 12.0																						
3 rpm							1				1		Dir. BHA 8.000 2.875 121' 2,912'					Shaker 3 170 12.0																						
Plastic Viscosity (cp) @ 120 °F							1				1		3,033'					NOV Shakers 170 12.0																						
Yield Point (lb/100 ft²) T0 = 1							2				1		CASING & HOLE DATA										Centrifuge 1 12.0																	
Gel Strength (lb/100 ft²) 10 sec/10 min							1/2				1/1		Casing OD (in.) ID (in.) Depth Top					VOLUME ACCOUNTING (bbls)  Prev. Total on Location 0.0 Transferred In(+)/Out(-) 550.0 Oil Added (+) 0.0 Barite Added (+) 0.0 Other Product Usage (+) 1.4 Water Added (+) 2062.1 Left on Cuttings (-) -592.0 Shaker Runoff (-) -250.0 Dump Sand Traps (-) -650.0 Est. Total on Location 1121.4 Est. Losses/Gains (-)/(+) 0.0																						
Gel Strength (lb/100 ft²) 30 min							3				1		Riser																											
API Filtrate / Cake Thickness							26/2				30/2		Surface 0'																											
HTHP Filtrate / Cake Thickness @ 0 °F													Int. Csg. 0'																											
Retort Solids Content							7.1%				1.1%		Washout 1																											
Retort Oil Content													Washout 2																											
Retort Water Content							92.9%				98.9%		Open Hole Size 14.175 3,033'																											
Sand Content							0.2%				0.1%		ANNULAR GEOMETRY & RHEOLOGY																											
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal																			
pH							8.1				7.8																													
Alkalinity, Mud Pm																																								
Alkalinities, Filtrate Pf/Mf													14.175x5 2,624' 123.2 lam 9.53																											
Chlorides (mg/L)							900				1200		14.175x5 2,912' 123.2 lam 9.73																											
Calcium (ppm)							250				240		14.175x8 3,033' 158.3 turb 9.92																											
Excess Lime (lb/bbl)																							BIT HYDRAULICS DATA																	
Average Specific Gravity of Solids							2.60		2.60		2.60												Bit H.S.I. 1.32		Bit ΔP 366 psi		Nozzles (32nds)													
Percent Low Gravity Solids							7.1%				1.1%												Bit Impact Force 894 lbs		Nozzle Velocity (ft/sec) 210		14		14		14									
Percent Drill Solids							7.1%				1.1%																14		14		14									
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Ultrerra/U616S			894 lbs		210																			
Estimated Total LCM in System ppb													Size 13 1/2		Depth In 120 ft		Hours 12.0		Footage 3,033 ft		ROP ft/hr 252.8		Motor/MWD 1,294 psi		Calc. Circ. Pressure 2,050 psi															
Sample Taken By							B.Guidry				A. Roman																													
Remarks/Recommendations:  Received 1,359 bbls of 9.0 ppg OBM drom Newpark										Rig Activity:  Completed R/U operations. Pretreat Active system with SAPP and Drilling Detergent prior to drilling surface. P/U BHA and drill surface to report depth of 3,033'MD. Aggressively diluted the active system with water while drilling. Dumped Sand Traps every 200' and replace volume with water. Pumped 20 bbl sweeps every 300' containing water SAAP and Drilling Detergent. Hourly additions of SAPP and Drilling Detergent were made while drilling. Stopped SAPP additions at 2,500' to allow Viscosity and Mud Weight to rise to 9.4 ppg with a 36 sec/qt viscosity by casing point. At section TD of 3,033'MD pumped Two 20 bbl sweeps in Tandem containing SAPP and Drilling Detergent. Circulating sweeps to surface at report time.																														
Eng. 1: Adolfo A. Roman Phone: 956-821-9994							Eng. 2: Bart Guidry Phone: 337-250-3841							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 1 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.																					\$3,003.12			\$9,933.12									
										INCLUDING 3RD PARTY CHARGES																					\$3,003.12			\$9,933.12						



### THIRD PARTY COST SHEET

[illegible]

03/12/22

110 Old Market St.  
St Martinville, LA 70582

Report #7

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

14.8° 2,973' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>				Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>0 ft</b>		Drilled Depth <b>3,033 ft</b>				
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>				Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>0 ft/hr</b>		Activity <b>TIH</b>				
Report for <b>JESSIE COLLINSON / MATT KUBACHKA</b>				Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>OBM</b>			Circulating Rate <b>0 gpm</b>		Circulating Pressure <b>psi</b>				
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1		PUMP #2		RISER BOOSTER					
Weight <b>8.5-10</b>	PV <b>5-20</b>	YP <b>5-15</b>	E.S. <b>&gt;300</b>	CaCl2 <b>±280K</b>	GELS <b>&lt;8 &lt;20</b>	HTHP <b>&lt;10</b>	In Pits 598 bbl		Liner Size 5.25		Liner Size 5.25		Liner Size 5.25						
				3/12/22			In Hole 262 bbl		Stroke 12		Stroke 12		Stroke 12						
							Active 856 bbl		bb/stk 0.0763		bb/stk 0.0763		bb/stk 0.0763						
Time Sample Taken				0:15			Storage <u>1077 bbl</u>		stk/min 0		stk/min 0		stk/min 0						
Sample Location				pit			Tot. on Location 1937 bbl		gal/min 0		gal/min 0		gal/min 0						
Flowline Temperature °F				140 °F			PHHP = 0 CIRCULATION DATA n = 0.628 K = 223.367												
Depth (ft)				2,900'			Bit Depth = 3,000 '			Washout = 1%		Pump Efficiency = 95%							
Mud Weight (ppg)				9.4			Drill String Disp.  30.1 bbl	Volume to Bit 50.1 bbl	Strokes To Bit		Time To Bit								
Funnel Vis (sec/qt) @ 0 °F				50				Bottoms Up Vol. 208.3 bbl	BottomsUp Stks		BottomsUp Time								
600 rpm				34				TotalCirc.Vol. 856.4 bbl	TotalCirc.Stks		Total Circ. Time								
300 rpm				22			DRILLING ASSEMBLY DATA					SOLIDS CONTROL							
200 rpm				17			Tubulars	OD (in.)	ID (in.)	Length	Top	Unit	Screens	Hours					
100 rpm				12			Drill Pipe	5.000	4.276	619'	0'	Shaker 1	140						
6 rpm				7			AGITATOR	6.670	2.500	22'	619'	Shaker 2	140						
3 rpm				5			HWDP/DP	5.000	4.276	2,062'	640'	Shaker 3	140						
Plastic Viscosity (cp) @ 150 °F				12			Dir. BHA	7.000	2.875	298'	2,702'	NOV Shakers	170						
Yield Point (lb/100 ft²) T0 = 3				10			CASING & HOLE DATA					Centrifuge 1							
Gel Strength (lb/100 ft²) 10 sec/10 min				6/10			Casing	OD (in.)	ID (in.)	Depth	Top	VOLUME ACCOUNTING (bbls)							
Gel Strength (lb/100 ft²) 30 min				14			Riser												
HTHP Filtrate (cm/30 min) @ 250 °F				6.0			Surface	10 3/4	9.950	3,018'	0'	Prev. Total on Location	280.2						
HTHP Cake Thickness (32nds)				2.0			Int. Csg.			0'	Transferred In(+)/Out(-)	1657.3							
Retort Solids Content				10%			Washout 1				Oil Added (+)	41.2							
Corrected Solids (vol%)				7.6%			Washout 2				Barite Added (+)	0.0							
Retort Oil Content				66%			Open Hole Size	9.974	3,033'		Other Product Usage (+)	3.8							
Retort Water Content				24%			ANNULAR GEOMETRY & RHEOLOGY					Water Added (+)							
O/W Ratio				73:27			annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal	Left on Cuttings (-)	0.0						
Whole Mud Chlorides (mg/L)				59,000			9.95x5 619' 0.0 lam 9.40 9.95x6.67 640' 0.0 lam 9.40 9.95x5 2,702' 0.0 lam 9.40 9.95x7 3,000' 0.0 lam 9.40					Centrifuge	-45.9						
Water Phase Salinity (ppm)				278,232								Non-Recoverable Vol. (-)							
Whole Mud Alkalinity, Pom				2.5								Est. Total on Location	1936.6						
Excess Lime (lb/bbl)				3.3 ppb								Est. Losses/Gains (-)/(+)	0.0						
Electrical Stability (volts)				469 v								BIT HYDRAULICS DATA							
Average Specific Gravity of Solids				3.27			BIT DATA		Manuf./Type		Ulterra/SPL613	Bit H.S.I.	Bit ΔP	Nozzles (32nds)					
Percent Low Gravity Solids				3.6%								0.00	psi	14	14	14			
ppb Low Gravity Solids				30 ppb								Bit Impact Force	Nozzle Velocity (ft/sec)	14	14	14			
Percent Barite				4%									16	16	16				
ppb Barite				57 ppb								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				E. SANCHEZ	0	A. ROMAN	9 7/8	3,033 ft				1,330 psi							
Remarks/Recommendations:  OBM TRANSFERRED IN: 1657bbl + 280 left in casing  OBM Received: 1,937 bbl  OBM on Location: 1,937 bbl  OBM Gain/Loss: (+/-) 0 bbl							Rig Activity:  Skid Rig F/ the Bucky Badgers H04 BB. Transfer all sack material and 1657bbls of OBM. Nipple up, change Ram's and Test. Decrease MW in the active system with Centrifuge application and Diesel Additions. Change Shaker Screens with New API 140's. Perform Rig Service and start TIH with new BHA tag cement. Drilling out cement at report time. Plan ahead is to drill 10' of new formation, perfrom FIT test. Continue drilling intermediate section.												
Eng. 1: Adolfo A. Roman Phone: 956-821-9994				Eng. 2: Edgar Sanchez Phone: 956-693-3035		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 1	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.								\$3,445.82		\$13,378.94	
								INCLUDING 3RD PARTY CHARGES				\$11,517.82		\$21,450.94					

MATERIAL CONSUMPTION

Date	Operator			Well Name and No.		Rig Name and No.		Report No.	
03/12/22	MAGNOLIA OIL & GAS			BUCKY BADGERS H-02 BB		285		Report #7	
DAILY USAGE & COST								CUMULATIVE	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84		51	51			18	\$843.12
PHPA LIQUID (pail)	5 gal	\$45.70		56	56				
CACL2 (50)	50# sk	\$15.39		224	224				
LIME (50)	50# sk	\$5.88		175	150	25	\$147.00	25	\$147.00
OPTI G	50# sk	\$34.87		40	40				
BENTONE 910 (50)	50# sk	\$61.38		40	40				
BENTONE 990 (50)	50# sk	\$92.36		42	42				
BENTONE 38 (50)	50# sk	\$168.99		23	23				
OPTI MUL HP	gal	\$12.83		110	110				
OPTI WET	gal	\$12.22		165	110	55	\$672.10	55	\$672.10
NEW PHALT	50# sk	\$44.42		100	90	10	\$444.20	10	\$444.20
OIL SORB (40)	40# sk	\$10.80		50	50				
GSX-509-08	50# sk	\$44.42		150	150				
GRAPHITE - FINE (50)	50# sk	\$27.51							
CAL CARB MEDIUM (50)	50# sk	\$5.63		90	86	4	\$22.52	4	\$22.52
MAGMAFIBER F (25)	25# sk	\$28.05							
NUT PLUG M (50)	50# sk	\$10.51		40	40				
NEW WATE (SACK BARITE)	100# sk	\$11.27		40	40				
EX-WATE (BULK BARITE)	100# sk	\$8.58		1000	1000				
OPTI DRILL (OBM)	bbl	\$105.00	280	1657	1937				
OBM MIXING FEE (>13# / BBL)	bbl	\$4.00							
OBM MIXING FEE HRS.	per hour	\$400.00							
SCALE TICKET	each	\$15.00							
				</					



### THIRD PARTY COST SHEET

[illegible]

## FLUID VOLUME ACCOUNTING

Grand Totals		WEEK 1							WEEK 2							WEEK 3						
	Date	3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
	Bit Size	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	Starting Depth	3,018	3,018																			
	Ending Depth	3,018																				
-	Footage Drilled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	New Hole Vol.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	280	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937
4	Chemical Additions	4																				
41	Base Fluid Added	41																				
-	Barite Increase																					
1,657	Weighted Mud Added	1,657																				
-	Slurry Added																					
-	Water Added																					
-	Added for Washout																					
1,702	Total Additions	1,702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	Surface Losses	45																				
-	Formation Loss																					
-	Mud Loss to Cuttings																					
-	Unrecoverable Volume																					
-	Centrifuge Losses																					
45	Total Losses	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,937	Ending System Volume	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937	1,937
-	Mud Recovered																					
1,937	Comments:								Comments:							Comments:						
	3/12/22 Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge								3/19/22							3/26/22						
	3/13/22								3/20/22							3/27/22						
	3/14/22								3/21/22							3/28/22						
	3/15/22								3/22/22							3/29/22						
	3/16/22								3/23/22							3/30/22						
	3/17/22								3/24/22							3/31/22						
	3/18/22								3/25/22							4/1/22						

03/13/22

110 Old Market St.  
St Martinville, LA 70582

Report #8

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

10.0° 7,846' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>				Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>5,000 ft</b>		Drilled Depth <b>8,000 ft</b>		
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>				Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>208 ft/hr</b>		Activity <b>Drilling Intermediate</b>		
Report for <b>JESSIE COLLINSON / MATT KUBACHKA</b>				Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>OBM</b>			Circulating Rate <b>904 gpm</b>		Circulating Pressure <b>5,279 psi</b>		
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1		PUMP #2		RISER BOOSTER			
Weight <b>8.5-10</b>	PV <b>5-20</b>	YP <b>5-15</b>	E.S. <b>&gt;300</b>	CaCl2 <b>±280K</b>	GELS <b>&lt;8 &lt;20</b>	HTHP <b>&lt;10</b>	In Pits 558 bbl	In Hole 709 bbl	Liner Size 5.25	Stroke 12	Liner Size 5.25	Stroke 12	Liner Size 5.25	Stroke 12			
				3/13/22		3/12/22	Active 1267 bbl		bbl/stk 0.0763		bbl/stk 0.0763		bbl/stk 0.0763				
Time Sample Taken				0:15		13:00	Storage <u>530 bbl</u>		stk/min 141		stk/min 141		stk/min 0				
Sample Location				pit		suction	Tot. on Location 1797 bbl		gal/min 452		gal/min 452		gal/min 0				
Flowline Temperature °F				176 °F		178 °F	PHHP = 2784 CIRCULATION DATA n = 0.690 K = 214.310										
Depth (ft)				8,000'		6,430'	Bit Depth = 8,000 '			Washout = 1%		Pump Efficiency = 95%					
Mud Weight (ppg)				10.0		9.5	Drill String Disp.  62.7 bbl	Volume to Bit 138.9 bbl	Strokes To Bit 1,821		Time To Bit 6 min						
Funnel Vis (sec/qt) @ 152 °F				52		44		Bottoms Up Vol. 570.1 bbl	BottomsUp Stks 7,471		BottomsUp Time 26 min						
600 rpm				50		38		TotalCirc.Vol. 1267.0 bbl	TotalCirc.Stks 16,604		Total Circ. Time 59 min						
300 rpm				31		25	DRILLING ASSEMBLY DATA					SOLIDS CONTROL					
200 rpm				23		20	Tubulars	OD (in.)	ID (in.)	Length	Top	Unit	Screens	Hours			
100 rpm				16		15	Drill Pipe	5.000	4.276	5,619'	0'	Shaker 1	140	12.0			
6 rpm				8		8	AGITATOR	6.670	2.500	22'	5,619'	Shaker 2	140	12.0			
3 rpm				7		6	HWDP/DP	5.000	4.276	2,062'	5,640'	Shaker 3	140	12.0			
Plastic Viscosity (cp) @ 150 °F				19		13	Dir. BHA	7.000	2.875	298'	7,702'	NOV Shakers	170	12.0			
Yield Point (lb/100 ft²) T0 = 6				12		12	CASING & HOLE DATA					Centrifuge 1	2.0				
Gel Strength (lb/100 ft²) 10 sec/10 min				8/12		7/11	Casing	OD (in.)	ID (in.)	Depth	Top						
Gel Strength (lb/100 ft²) 30 min				16		15	Riser						VOLUME ACCOUNTING (bbls)				
HTHP Filtrate (cm/30 min) @ 250 °F				5.0		5.0	Surface	10 3/4	9.950	3,018'	0'	Prev. Total on Location	1936.6				
HTHP Cake Thickness (32nds)				2.0		2.0	Int. Csg.	0'					Transferred In(+)/Out(-)				
Retort Solids Content				13%		10%	Washout 1						Oil Added (+)	126.8			
Corrected Solids (vol%)				10.1%		7.2%	Washout 2						Barite Added (+)	7.1			
Retort Oil Content				59%		62%	Open Hole Size		9.974	8,000'		Other Product Usage (+)	7.8				
Retort Water Content				28%		28%	ANNULAR GEOMETRY & RHEOLOGY					Water Added (+)	30.0				
O/W Ratio				68:32		69:31	annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal	Left on Cuttings (-)	-217.4				
Whole Mud Chlorides (mg/L)				72,000		70,000						Evap/Shaker Run Off	-80.0				
Water Phase Salinity (ppm)				287,354		281,620						Non-Recoverable Vol. (-)	-13.9				
Whole Mud Alkalinity, Pom				3.0		2.8	9.95x5	3,018'	299.3	turb	10.45	Est. Total on Location	1797.0				
Excess Lime (lb/bbl)				3.9 ppb		3.6 ppb	9.974x5	5,619'	297.4	turb	10.53	Est. Losses/Gains (-)/(+)	0.0				
Electrical Stability (volts)				435 v		514 v	9.974x6.67	5,640'	402.8	turb	10.68	BIT HYDRAULICS DATA					
Average Specific Gravity of Solids				3.17		3.29	9.974x5	7,702'	297.4	turb	10.72	Bit H.S.I.	Bit ΔP	Nozzles (32nds)			
Percent Low Gravity Solids				5.4%		3.3%	9.974x7	8,000'	438.8	turb	10.88	2.33	338 psi	14 14 14			
ppb Low Gravity Solids				44 ppb		27 ppb						Bit Impact Force	Nozzle Velocity (ft/sec)	14 14 14			
Percent Barite				4.7%		3.9%							16 16 16				
ppb Barite				67 ppb		56 ppb	BIT DATA		Manuf./Type	Ulterra/SPL613		910 lbs	194				
Estimated Total LCM in System ppb							Size	Depth In	Hours	Footage	ROP ft/hr	Motor/MWD	Calc. Circ. Pressure				
Sample Taken By				E. SANCHEZ	0	A. ROMAN	9 7/8	3,033 ft	24.0	5,000 ft	208.3	1,330 psi	3,947 psi				
Remarks/Recommendations:  OBM Received: 1,937 bbl  OBM on Location: 1,797 bbl  OBM Gain/Loss: (-) 140 bbl							Rig Activity:  TIH drill out shoe track, Perform FIT 11.6EMW (357 psi) good test. Resume Drilling on Intermediate section. MW level off @9.3ppg, Maintain same up to 7000' and increase up to 9.6ppg and gradually to 9.8 ppg due to sloughing shale. Incorporated GSX(blownd asphalt) to active system for hole stability. Continue with Sweep program using Sweep Aid+NewCarb (Pump 10bbbs /300'). Chemical additions to maintain properties and reduce Diesel additions (Diesel & Water at 7-10 sec/qt respectably). Mud losses over the shakers at the start of Intermediate, 900gpm + massive amout of Sand & Cuttings blinding off shaker screens. Currently drilling to 8,000' at report time. Building 21 degreen inclination.										
Eng. 1: Adolfo A. Roman		Eng. 2: Edgar Sanchez		WH 1: MIDLAND		WH 2: WH #2		Rig Phone:		Daily Total		Cumulative Cost					
Phone: 956-821-9994		Phone: 956-693-3035		Phone: 432-686-7361		Phone: -				\$20,585.98		\$33,964.92					
W 1	P 1	Y 1	E 1	C 1	g 2	G 1	H 1	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.								
								INCLUDING 3RD PARTY CHARGES				\$43,961.98		\$65,412.92			



### THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID  
VOLUME  
ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

		WEEK 1							WEEK 2							WEEK 3						
Date		3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Grand Totals	Bit Size	9 7/8	9 7/8																			
	Starting Depth	3,018	3,018	8,000																		
	Ending Depth	3,018	8,000																			
4,982	Footage Drilled	-	4,982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
472	New Hole Vol.	-	472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	280	1,937	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797
12	Chemical Additions	4	8																			
168	Base Fluid Added	41	127																			
7	Barite Increase		7																			
1,657	Weighted Mud Added	1,657																				
-	Slurry Added																					
30	Water Added		30																			
-	Added for Washout																					
1,874	Total Additions	1,702	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	Surface Losses	45	80																			
-	Formation Loss																					
218	Mud Loss to Cuttings		218																			
14	Unrecoverable Volume		14																			
-	Centrifuge Losses																					
357	Total Losses	45	312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,797	Ending System Volume	1,937	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797	1,797
-	Mud Recovered																					
		Comments:							Comments:							Comments:						
		3/12/22      Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in.      Lost 45 bbl to Centrifuge							3/19/22							3/26/22						
		3/13/22      Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable							3/20/22							3/27/22						
		3/14/22							3/21/22							3/28/22						
		3/15/22							3/22/22							3/29/22						
		3/16/22							3/23/22							3/30/22						
		3/17/22							3/24/22							3/31/22						
		3/18/22							3/25/22							4/1/22						

1,937

1,937

03/15/22

110 Old Market St.  
St Martinville, LA 70582

Report #10

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

0.0°

0' TVD

Operator				Contractor			County / Parish / Block			Engineer Start Date			24 hr fig.		Drilled Depth						
MAGNOLIA OIL & GAS				PATTERSON			LEE			03/03/22			0 ft		9,336 ft						
Well Name and No.				Rig Name and No.			State			Spud Date			Current ROP		Activity						
BUCKY BADGERS H-02 BB				285			TEXAS			03/05/22			0 ft/hr		R/D Cementers						
Report for				Report for			Field / OCS-G #			Fluid Type			Circulating Rate		Circulating Pressure						
JESSIE COLLINSON / MATT KUBACHKA				RIG MANAGER			GIDDINGS AC			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	460 bbl	Liner Size	5.25	Liner Size	5.25	Liner Size	5.25							
8.5-10.5	5-20	5-15	>300	±280K	<8 <20	<10	In Hole	429 bbl	Stroke	12	Stroke	12	Stroke	12							
				3/15/22		3/14/22	Active	460 bbl	bbl/stk	0.0763	bbl/stk	0.0763	bbl/stk	0.0763							
Time Sample Taken				0:15		13:00	Storage	1056 bbl	stk/min	0	stk/min	0	stk/min	0							
Sample Location				pit		suction	Tot. on Location	1945 bbl	gal/min	0	gal/min	0	gal/min	0							
Flowline Temperature °F							PHHP = 0CIRCULATION DATA										n = 0.678 K = 222.940				
Depth (ft)				9,336'		9,336'	Bit Depth = '			Washout = 5%			Pump Efficiency = 95%								
Mud Weight (ppg)				10.0		10.1	Drill String Disp.	Volume to Bit	0.0 bbl	Strokes To Bit			Time To Bit								
Funnel Vis (sec/qt)				@ 110 °F	65			60	Bottoms Up Vol.	0.0 bbl	BottomsUp Stks			BottomsUp Time							
600 rpm				48		49		0.0 bbl	TotalCirc.Vol.	460.0 bbl	TotalCirc.Stks			Total Circ. Time							
300 rpm				30		31	DRILLING ASSEMBLY DATA					SOLIDS CONTROL									
200 rpm				25		26	Tubulars	OD (in.)	ID (in.)	Length	Top	Unit			Screens		Hours				
100 rpm				16		16						0'	0'	Shaker 1			140				
6 rpm				8		8							0'	Shaker 2			140				
3 rpm				7		7							0'	Shaker 3			140				
Plastic Viscosity (cp)				@ 150 °F	18		18							0'	NOV Shakers			170			
Yield Point (lb/100 ft²)				T0 = 6	12		13	CASING & HOLE DATA					Centrifuge 1								
Gel Strength (lb/100 ft²)				10 sec/10 min	8/12		7/14	Casing	OD (in.)	ID (in.)	Depth	Top	VOLUME ACCOUNTING (bbls)								
Gel Strength (lb/100 ft²)				30 min	17		18	Riser													
HTHP Filtrate (cm/30 min)				@ 250 °F	5.0		5.0	Surface	10 3/4		3,018'	0'									
HTHP Cake Thickness (32nds)					2.0		2.0	Int. Csg.	7 5/8	6.875	9,336'	0'	Prev. Total on Location					2059.8			
Retort Solids Content					12.5%		13%	Washout 1					Oil Added (+)					0.0			
Corrected Solids (vol%)					9.8%		10.2%	Washout 2					Barite Added (+)					0.0			
Retort Oil Content					61.5%		60.5%	Open Hole Size					10.369	9,336'	Other Product Usage (+)					0.0	
Retort Water Content					26%		26.5%	ANNULAR GEOMETRY & RHEOLOGY					BIT HYDRAULICS DATA								
O/W Ratio					70:30		70:30	annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal									
Whole Mud Chlorides (mg/L)					67,000		69,000														
Water Phase Salinity (ppm)					287,791		289,921						BIT DATA					Manuf./Type		Ulterra/SPL613	
Whole Mud Alkalinity, Pom					2.4		2.0														
Excess Lime (lb/bbl)					3.1 ppb		2.6 ppb														
Electrical Stability (volts)					488 v		540 v											Motor/MWD		Calc. Circ. Pressure	
Average Specific Gravity of Solids					3.34		3.31						Bit H.S.I.					Bit ΔP		Nozzles (32nds)	
Percent Low Gravity Solids					4.3%		4.6%														
ppb Low Gravity Solids					35 ppb		38 ppb						Bit Impact Force					Nozzle Velocity (ft/sec)			
Percent Barite					5.5%		5.6%														
ppb Barite					79 ppb		80 ppb														
Estimated Total LCM in System				ppb				Size	Depth In	Hours	Footage	ROP ft/hr	Motor/MWD		Calc. Circ. Pressure						
Sample Taken By				E. SANCHEZ	0	A. ROMAN	9 7/8														
Remarks/Recommendations:							Rig Activity:														
OBM Received: 2,378 bbl							R/U and ran 7.625" Intermediate casing to bottom with no issues and circulated B/U.														
OBM on Location: 1,945 bbl							R/U and Held S/M with NINE cement crew to pump cement. Pumped 50 bbl of 11 ppg Spacer, 269 bbl of 11.8 ppg Lead, follwed by 79 bbl of 13.5 ppg Tail cement.														
OBM Gain/Loss: (-) 433 bbl							Dropped plug and displaced with 424 bbl of 9 ppg OBM from storage tanks.														
							Dumped 40 bbl of contaminated spacer at surface. Transfer OBM to frac tanks.														
							Currently R/D cement crew and cutting back MW to 9.3 ppg.														
Eng. 1: Adolfo A. Roman				Eng. 2: Edgar Sanchez			WH 1: MIDLAND			WH 2: WH #2			Rig Phone:			Daily Total		Cumulative Cost			
Phone: 956-821-9994				Phone: 956-693-3035			Phone: 432-686-7361			Phone: -						\$14,235.00		\$70,602.54			
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.								\$14,235.00		\$70,602.54		
1	1	1	1	1	2	1	1	1	INCLUDING 3RD PARTY CHARGES								\$14,235.00		\$112,499.54		





### THIRD PARTY COST SHEET

[illegible]

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

03/16/22

110 Old Market St.  
St Martinville, LA 70582

Report #11

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

15.2° 3,070' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>				Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>0 ft</b>		Drilled Depth <b>9,336 ft</b>		
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>				Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>0 ft/hr</b>		Activity <b>TIH</b>		
Report for <b>JESSIE COLLINSON / MATT KUBACHKA</b>				Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>OBM</b>			Circulating Rate <b>0 gpm</b>		Circulating Pressure <b>psi</b>		
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1		PUMP #2		RISER BOOSTER			
Weight <b>8.5-10.5</b>	PV <b>5-20</b>	YP <b>5-15</b>	E.S. <b>&gt;300</b>	CaCl2 <b>±280K</b>	GELS <b>&lt;8 &lt;20</b>	HTHP <b>&lt;10</b>	In Pits 617 bbl		Liner Size 4.75		Liner Size 4.75		Liner Size 4.75				
				3/16/22		3/15/22	In Hole 409 bbl		Stroke 12		Stroke 12		Stroke 12				
							Active 738 bbl		bbl/stk 0.0625		bbl/stk 0.0625		bbl/stk 0.0625				
Time Sample Taken				0:15		13:00	Storage <u>1287 bbl</u>		stk/min 0		stk/min 0		stk/min 0				
Sample Location				pit		suction	Tot. on Location 2313 bbl		gal/min 0		gal/min 0		gal/min 0				
Flowline Temperature °F							PHHP = 0 CIRCULATION DATA n = 0.678 K = 185.783										
Depth (ft)				9,336'		9,336'	Bit Depth = 3,100 '			Washout = 5%		Pump Efficiency = 95%					
Mud Weight (ppg)				9.2		9.2	Drill String Disp.	Volume to Bit 32.0 bbl	Strokes To Bit		Time To Bit						
Funnel Vis (sec/qt) @ 85 °F				49		48		Bottoms Up Vol. 89.4 bbl	BottomsUp Stks		BottomsUp Time						
600 rpm				40		39		20.9 bbl	TotalCirc.Vol. 738.4 bbl	TotalCirc.Stks		Total Circ. Time					
300 rpm				25		24	DRILLING ASSEMBLY DATA					SOLIDS CONTROL					
200 rpm				18		18	Tubulars	OD (in.)	ID (in.)	Length	Top	Unit	Screens	Hours			
100 rpm				12		12	Drill Pipe	4.000	3.340	319'	0'	Shaker 1	140				
6 rpm				6		6	Agitator	5.250	3.000	21'	319'	Shaker 2	140				
3 rpm				5		5	HWDP/DP	4.000	3.340	2,435'	340'	Shaker 3	140				
Plastic Viscosity (cp) @ 150 °F				15		15	DRL BHA	5.500	2.500	325'	2,775'	NOV Shakers	170				
Yield Point (lb/100 ft²) T0 = 4				10		9	CASING & HOLE DATA					Centrifuge 1					
Gel Strength (lb/100 ft²) 10 sec/10 min				6/9		6/9	Casing	OD (in.)	ID (in.)	Depth	Top	VOLUME ACCOUNTING (bbls)					
Gel Strength (lb/100 ft²) 30 min				15		14	Riser										
HTHP Filtrate (cm/30 min) @ 250 °F				6.0		6.0	Surface	10 3/4		3,018'	0'	Prev. Total on Location	1944.7				
HTHP Cake Thickness (32nds)				2.0		2.0	Int. Csg.	7 5/8	6.875	9,321'	0'	Transferred In(+)/Out(-)	455.0				
Retort Solids Content				9%		9%	Washout 1					Oil Added (+)	1.3				
Corrected Solids (vol%)				6.3%		6.3%	Washout 2					Barite Added (+)	0.0				
Retort Oil Content				64%		64%	Open Hole Size 10.369 9,336'					Other Product Usage (+)	1.5				
Retort Water Content				27%		27%	ANNULAR GEOMETRY & RHEOLOGY					Water Added (+)					
O/W Ratio				70:30		70:30	annular section	meas. depth	velocity ft/min	flow reg	ECD lb/gal	Left on Cuttings (-)	0.0				
Whole Mud Chlorides (mg/L)				66,000		67,000	6.875x4 319' 0.0 lam 9.20 6.875x5.25 340' 0.0 lam 9.20 6.875x4 2,775' 0.0 lam 9.20 6.875x5.5 3,100' 0.0 lam 9.20					Centrifuge	-55.0				
Water Phase Salinity (ppm)				277,096		280,118						Trucking	-34.9				
Whole Mud Alkalinity, Pom				3.0		2.5						Est. Total on Location	2312.6				
Excess Lime (lb/bbl)				3.9 ppb		3.3 ppb						Est. Losses/Gains (-)/(+)	0.0				
Electrical Stability (volts)				495 v		500 v	BIT DATA Manuf./Type Ultra/SPL613					BIT HYDRAULICS DATA					
Average Specific Gravity of Solids				3.17		3.15						Bit H.S.I.	Bit ΔP	Nozzles (32nds)			
Percent Low Gravity Solids				3.4%		3.4%						0.00	psi	18	18	18	
ppb Low Gravity Solids				28 ppb		28 ppb						Bit Impact Force	Nozzle Velocity (ft/sec)	18	18	18	
Percent Barite				3%		2.9%											
ppb Barite				42 ppb		41 ppb	BIT DATA		Manuf./Type Ultra/SPL613			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				E. SANCHEZ	0	A. ROMAN	9 7/8	9,336 ft	0.0	0 ft	#DIV/0!	1,700 psi					
Remarks/Recommendations:  Received 455 bbl of 17.0 ppg Kill Mud  OBM Received: 2,833 bbl  OBM on Location: 2,313 bbl  OBM Gain/Loss: (-) 520 bbl							Rig Activity:  Cut MW in the Active system to 9.2ppg (Hot 150deg). Actual MW in the active 9.4ppg @77deg. Change out Saver sub on Top Drive. Perform BOP test, cut drill line, and P/U BHA. Began TIH, P/U 4" drill pipe to 3,100' at report time. Plan ahead is to tag/drill out shoe, perform FIT test, begin building curve.										
Eng. 1: Adolfo A. Roman Phone: 956-821-9994				Eng. 2: Edgar Sanchez Phone: 956-693-3035		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 1	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.				\$12,114.10		\$82,716.64			
								INCLUDING 3RD PARTY CHARGES				\$12,114.10		\$124,613.64			



### THIRD PARTY COST SHEET

[illegible]

**OUTSOURCE FLUID SOLUTIONS LLC.**

## FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

		WEEK 1							WEEK 2							WEEK 3							
		Date	3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
			Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Grand Totals	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4																	
	Starting Depth	3,018	3,018	8,000	9,240	9,336	9,336																
	Ending Depth	3,018	8,000	9,240	9,336	9,336																	
6,318	Footage Drilled	-	4,982	1,240	96	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
599	New Hole Vol.	-	472	117	9	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Starting System Volume	280	1,937	1,797	2,060	1,945	2,313	2,313		2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313
15	Chemical Additions	4	8	1		2																	
220	Base Fluid Added	41	127	51		1																	
14	Barite Increase		7	7																			
2,553	Weighted Mud Added	1,657		441		455																	
-	Slurry Added																						
50	Water Added		30	20																			
-	Added for Washout																						
2,852	Total Additions	1,702	172	520	-	458	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
225	Surface Losses	45	80	60	40																		
118	Formation Loss			68	50																		
347	Mud Loss to Cuttings		218	129																			
74	Unrecoverable Volume		14		25	35																	
55	Centrifuge Losses					55																	
819	Total Losses	45	312	257	115	90	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																						
2,313	Ending System Volume	1,937	1,797	2,060	1,945	2,313	2,313	2,313		2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313	2,313
-	Mud Recovered																						
2,833	Comments:									Comments:							Comments:						
	3/12/22	Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge								3/19/22							3/26/22						
	3/13/22	Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable								3/20/22							3/27/22						
	3/14/22	Rec. 441 bbl of 9.0 ppg from NewPark Lost 60 bbl Filt /Evap Lost 129 bbl Left in cuttings Lost 68 bbl Seepage Losses								3/21/22							3/28/22						
	3/15/22	Lost 40 bbl Contaminated Spacer Lost 50 bbl Down Hole Lost 25 bbl Casing Run								3/22/22							3/29/22						
	3/16/22	Received 455 bbl of 17 ppg Kill Mud Lost 55 bbl Centrifuge Lost 35 bbl Trucking								3/23/22							3/30/22						
	3/17/22									3/24/22							3/31/22						
	3/18/22									3/25/22							4/1/22						

03/17/22

110 Old Market St.  
St Martinville, LA 70582

Report #12

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

21.7° 9,612' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>		24 hr fig. <b>475 ft</b>		Drilled Depth <b>9,811 ft</b>																							
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>		Current ROP <b>39 ft/hr</b>		Activity <b>Drilling Curve</b>																							
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>		Circulating Rate <b>399 gpm</b>		Circulating Pressure <b>4,063 psi</b>																							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 82 bbl In Hole 0 bbl Active 82 bbl Storage <u>1957 bbl</u> Tot. on Location 2039 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0																				
							3/17/22				3/6/22																													
Time Sample Taken							1:30				13:00																													
Sample Location							suction				NO MUD																													
Flowline Temperature °F													PHHP = 945 CIRCULATION DATA n = 0.415 K = 114.973																											
Depth (ft)							9,811'						Bit Depth = 9,811 '			Washout = 2%			Pump Efficiency = 95%																					
Mud Weight (ppg)							8.4						Drill String Disp.  67.8 bbl	Volume to Bit 128.5 bbl Bottoms Up Vol. -128.3 bbl TotalCirc.Vol. 82.2 bbl		Strokes To Bit 2,057 BottomsUp Stks -2,054 TotalCirc.Stks 1,316		Time To Bit 14 min BottomsUp Time -14 min Total Circ. Time 9 min																						
Funnel Vis (sec/qt) @ 85 °F							29																																	
600 rpm							4																																	
300 rpm							3						DRILLING ASSEMBLY DATA						SOLIDS CONTROL																					
200 rpm							2						Tubulars OD (in.) ID (in.) Length Top Drill Pipe 4.500 3.826 7,030' 0' Agitator 5.250 3.000 21' 7,030' HWDP/DP 4.500 3.340 2,435' 7,051' DRL BHA 5.500 2.500 325' 9,486'					Unit Screens Hours Shaker 1 200 5.0 Shaker 2 200 5.0 Shaker 3 200 5.0 NOV Shakers 100 5.0 Centrifuge 1 0.5																						
100 rpm							1																																	
6 rpm							1																																	
3 rpm							1																																	
Plastic Viscosity (cp) @ 120 °F							1																																	
Yield Point (lb/100 ft²) T0 = 1							2						CASING & HOLE DATA																											
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1						Casing OD (in.) ID (in.) Depth Top Riser Surface 10 3/4 3,018' 0' Int. Csg. 7 5/8 2,240 9,321' 0' Washout 1 Washout 2 Open Hole Size 6.885 9,811'																											
Gel Strength (lb/100 ft²) 30 min							2											VOLUME ACCOUNTING (bbls)																						
API Filtrate / Cake Thickness																		Prev. Total on Location 2312.6																						
HTHP Filtrate / Cake Thickness @ 0 °F																		Transferred In(+)/Out(-) 417.0																						
Retort Solids Content							0.4%											Oil Added (+) 47.6																						
Retort Oil Content																		Barite Added (+) 0.0																						
Retort Water Content							99.6%											Other Product Usage (+) 8.8																						
Sand Content							0.2%						ANNULAR GEOMETRY & RHEOLOGY					Water Added (+) 1447.0																						
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal		Left on Cuttings (-) -21.9																	
pH							8.1																	Fresh Water Down Hole -1447.0																
Alkalinity, Mud Pm																								OBM Down Hole -724.9																
Alkalinities, Filtrate Pf/Mf													2.24x4.5 7,030' -641.7 8.43											Est. Total on Location 2039.2																
Chlorides (mg/L)							800						2.24x5.25 7,051' -433.5 8.46											Est. Losses/Gains (-)/(+) 0.0																
Calcium (ppm)							100						2.24x4.5 9,321' -641.7 8.48											BIT HYDRAULICS DATA																
Excess Lime (lb/bbl)													6.885x4.5 9,486' 360.0 turb 8.53					Bit H.S.I.		Bit ΔP		Nozzles (32nds)																		
Average Specific Gravity of Solids							2.60		2.60		2.60		6.885x5.5 9,811' 569.8 turb 8.62					0.36		55 psi		18 18 18																		
Percent Low Gravity Solids							0.3%											Bit Impact Force		Nozzle Velocity (ft/sec)		18 18 18																		
Percent Drill Solids							0.3%																																	
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Ulterra/SPL613			149 lbs		86																			
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure															
Sample Taken By							E.Sanchez				R.Bowlin		6 3/4												602 psi															
Remarks/Recommendations:  Received 417 bbl fo 8.3 ppg OBM  OBM Received: 3,250 bbl  OBM on Location: 2,039 bbl  OBM Gain/Loss: (-)1,211 bbl										Rig Activity:  TIH tag float at 9,230'MD and drilled the shoe +10' of new formation. Performed a FIT to 12.6ppg EMW with 9.3ppg active density at 1,572PSI. Resume drilling ahead with 9.2 ppg to 9,878'. Began losing mud at 100 bph. Slow down GPM to 300 gpm, Cut back MW to 8.9 ppg. Continue with losses. Build and pumped multiple 20 ppb LCM PROCOR sweeps and circulated around the system. Build/Pumped 25 ppb same, continue with 100 bph losses. Decision was made to go to mud cap. Pumped 17.5 ppg mud cap. Transfer OBM to storage tanks and began pumping Fresh Water as primary circulating fluid. Pumping 5 bbl of PHPA sweeps every connection.																														
Eng. 1: Rob Bowlin Phone: 228-990-1055							Eng. 2: Edgar Sanchez Phone: 956-693-3035							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.																					\$77,414.00			\$160,130.64									
										INCLUDING 3RD PARTY CHARGES																					\$96,826.00			\$221,439.64						





### THIRD PARTY COST SHEET

[illegible]



03/18/22

110 Old Market St.  
St Martinville, LA 70582

Report #13

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

21.7°

11,763' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>2,316 ft</b>			Drilled Depth <b>12,127 ft</b>			
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>103 ft/hr</b>			Activity <b>Drilling Ahead</b>			
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>			Circulating Rate <b>399 gpm</b>			Circulating Pressure <b>2,629 psi</b>			
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER						
Weight <b>8.4-9.6</b>	PV <b>0-10</b>	YP <b>0-10</b>	GELS <b>&lt;5 &lt;10</b>	pH <b>7-8.5</b>	API fl <b>&lt;30</b>	% Solids <b>1-10</b>	In Pits 129 bbl	In Hole 0 bbl	Active 129 bbl	Storage <u>1881 bbl</u>	Tot. on Location 2010 bbl	Liner Size 4.75	Stroke 12	bb/stk 0.0625	bb/stk 0.0625	bb/stk 0.0625	Liner Size 4.75	Stroke 12	bb/stk 0.0625			
				3/18/22		3/17/22	Tot. on Location 2010 bbl		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199			
Time Sample Taken				1:30		12:00	Tot. on Location 2010 bbl		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199			
Sample Location				suction		Suction	Tot. on Location 2010 bbl		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199		gal/min 199			
Flowline Temperature °F							PHHP = 612 <b>CIRCULATION DATA</b> n = 0.415 K = 114.973															
Depth (ft)				12,127'		10,420'	Bit Depth = 12,127 '			Washout = 0%			Pump Efficiency = 95%									
Mud Weight (ppg)				8.4		8.4	Drill String Disp. 123.8 bbl	Volume to Bit 118.0 bbl		Strokes To Bit 1,889		Time To Bit 12 min										
Funnel Vis (sec/qt) @ 85 °F				29		29		Bottoms Up Vol. -117.6 bbl		BottomsUp Stks -1,882		BottomsUp Time -12 min										
600 rpm				4		4		TotalCirc.Vol. 129.4 bbl		TotalCirc.Stks 2,072		Total Circ. Time 14 min										
300 rpm				3		3	DRILLING ASSEMBLY DATA						SOLIDS CONTROL									
200 rpm				2		2	Tubulars	OD (in.)	ID (in.)	Length	Top	Unit		Screens		Hours						
100 rpm				1		1	Drill Pipe	4.500	3.140	9,346'	0'	Shaker 1		200								
6 rpm				1		1	Agitator	5.250	2.600	21'	9,346'	Shaker 2		200								
3 rpm				1		1	HWDP/DP	4.500	3.340	2,435'	9,367'	Shaker 3		200								
Plastic Viscosity (cp) @ 120 °F				1		1	DRL BHA	5.500	2.500	325'	11,802'	NOV Shakers		100								
Yield Point (lb/100 ft²) T0 = 1				2		2	CASING & HOLE DATA						Centrifuge 1									
Gel Strength (lb/100 ft²) 10 sec/10 min				1/1		1/1	Casing	OD (in.)	ID (in.)	Depth	Top											
Gel Strength (lb/100 ft²) 30 min				2		2	Riser							VOLUME ACCOUNTING (bbls)								
API Filtrate / Cake Thickness							Surface	10 3/4		3,018'	0'	Prev. Total on Location 2039.2										
HTHP Filtrate / Cake Thickness @ 0 °F							Int. Csg.	7 5/8	0.100	9,321'	0'	Transferred In(+)/Out(-)										
Retort Solids Content				0.5%		0.4%	Washout 1						Oil Added (+) 169.0									
Retort Oil Content				1%		1%	Washout 2						Barite Added (+) 0.0									
Retort Water Content				98.5%		98.6%	Open Hole Size 6.750 12,127'						Other Product Usage (+) 0.4									
Sand Content				0%		0%	ANNULAR GEOMETRY & RHEOLOGY						Water Added (+) 11981.0									
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				7.9		7.8							Drill H2O & Prod H2O/Diesel -12159.2									
Alkalinity, Mud Pm													OBM Down Hole -20.0									
Alkalinities, Filtrate Pf/Mf							0.1x4.5 9,321' -482.9 8.48						Est. Total on Location 2010.4									
Chlorides (mg/L)				11000		10000	6.75x4.5 9,346' 386.1 turb 8.58						Est. Losses/Gains (-)/(+) 0.0									
Calcium (ppm)				280		240	6.75x5.25 9,367' 543.0 turb 8.68						BIT HYDRAULICS DATA									
Excess Lime (lb/bbl)							6.75x4.5 11,802' 386.1 turb 8.84						Bit H.S.I.		Bit ΔP		Nozzles (32nds)					
Average Specific Gravity of Solids				2.60	2.60	2.60	6.75x5.5 12,127' 638.3 turb 8.99						0.36		55 psi		18 18 18					
Percent Low Gravity Solids				0%		0%							Bit Impact Force		Nozzle Velocity (ft/sec)		18 18 18					
Percent Drill Solids																						
PPA Spurt / Total (ml) @ @ 0 °F							BIT DATA			Manuf./Type Ultrera/SPL613			149 lbs		86							
Estimated Total LCM in System ppb							Size	Depth In	Hours	Footage	ROP ft/hr	Motor/MWD		Calc. Circ. Pressure								
Sample Taken By				E.Sanchez		R.Bowlin	6 3/4							1,286 psi								
Remarks/Recommendations:  OBM Received: 3,250 bbl  OBM on Location: 2,010 bbl  OBM Gain/Loss: (-)1,240 bbl  Prod H2O Used: 1,690 bbl  Fresh H2O Used: 10,291 bbl							Rig Activity:  Drilling on the build section from 9,811'MD landing the same @10,312'MD/ 9,662'TVD. At rtp time drilling ahead on the production section at 12127'MD under a mud cap with drill H2O & prod H2O as the circ median @ 70/30%. Pump 10bbl PHPA sweeps every con. to aid in lubricity, encapsulation and carry the drill cuttings to the area of loss. Additions of Diesel@ 3.6BPH for additional lubricity. Three separate supply lines are in place for each individual fluid to eliminate and chance of cross contamination.															
Eng. 1: Rob Bowlin		Eng. 2: Edgar Sanchez		WH 1: MIDLAND		WH 2: WH #2		Rig Phone:		Daily Total		Cumulative Cost										
Phone: 228-990-1055		Phone: 956-693-3035		Phone: 432-686-7361		Phone: -				\$5,675.62		\$165,806.26										
W	P	Y	g	G	p	A	S	C	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.													
1	1	1	1	1	1	1	1	0	INCLUDING 3RD PARTY CHARGES										\$33,436.62		\$254,876.26	



### THIRD PARTY COST SHEET

[illegible]

## FLUID VOLUME ACCOUNTING

		WEEK 1							WEEK 2							WEEK 3							
		Date	3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Grand Totals	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	12,127														
	Starting Depth	3,018	3,018	8,000	9,240	9,336	9,336	9,811															
	Ending Depth	3,018	8,000	9,240	9,336	9,336	9,811	12,127															
9,109	Footage Drilled	-	4,982	1,240	96	-	475	2,316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
722	New Hole Vol.	-	472	117	9	-	21	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Starting System Volume	280	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	
24	Chemical Additions	4	8	1		2	9																
437	Base Fluid Added	41	127	51		1	48	169															
14	Barite Increase		7	7																			
2,970	Weighted Mud Added	1,657		441		455	417																
-	Slurry Added																						
13,478	Water Added		30	20			1,447	11,981															
-	Added for Washout																						
16,923	Total Additions	1,702	172	520	-	458	1,921	12,150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12,384	Surface Losses	45	80	60	40			12,159															
863	Formation Loss			68	50		725	20															
370	Mud Loss to Cuttings		218	129			23																
1,521	Unrecoverable Volume		14		25	35	1,447																
55	Centrifuge Losses					55																	
15,193	Total Losses	45	312	257	115	90	2,195	12,179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	Mud Transferred Out																						
2,010	Ending System Volume	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	2,010	
-	Mud Recovered																						
3,250	Comments:								Comments:							Comments:							
	3/12/22	Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge							3/19/22							3/26/22							
	3/13/22	Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable							3/20/22							3/27/22							
	3/14/22	Rec. 441 bbl of 9.0 ppg from NewPark Lost 60 bbl Filt /Evap Lost 129 bbl Left in cuttings Lost 68 bbl Seepage Losses							3/21/22							3/28/22							
	3/15/22	Lost 40 bbl Contaminated Spacer Lost 50 bbl Down Hole Lost 25 bbl Casing Run							3/22/22														

03/19/22

110 Old Market St.  
St Martinville, LA 70582

Report #14

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

86.9° 9,905' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>1,455 ft</b>			Drilled Depth <b>14,450 ft</b>															
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>305 ft/hr</b>			Activity <b>Drilling Prod.</b>															
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>			Circulating Rate <b>378 gpm</b>			Circulating Pressure <b>3,473 psi</b>															
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																		
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 120 bbl		Liner Size 4.75		Liner Size 4.75		Liner Size 4.75														
														In Hole 0 bbl		Stroke 12		Stroke 12		Stroke 12														
						3/19/22						3/18/22		Active 120 bbl		bbl/stk 0.0625		bbl/stk 0.0625		bbl/stk 0.0625														
														Storage <u>1880 bbl</u>		stk/min 72		stk/min 72		stk/min 0														
														Tot. on Location 2000 bbl		gal/min 189		gal/min 189		gal/min 0														
Flowline Temperature °F													PHHP = 766 CIRCULATION DATA n = 0.415 K = 114.973																					
Depth (ft)							14,450'				13,440'		Bit Depth = 14,450 '			Washout = 0%			Pump Efficiency = 95%															
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 60.9 bbl		Strokes To Bit 975		Time To Bit 7 min															
Funnel Vis (sec/qt) @ 85 °F							29				29				Bottoms Up Vol. -60.5 bbl		BottomsUp Stks -968		BottomsUp Time -7 min															
600 rpm							4				4		226.7 bbl		TotalCirc.Vol. 120.4 bbl		TotalCirc.Stks 1,928		Total Circ. Time 13 min															
300 rpm							3				3		DRILLING ASSEMBLY DATA							SOLIDS CONTROL														
200 rpm							2				2		Tubulars OD (in.) ID (in.) Length Top					Unit Screens Hours																
100 rpm							1				1		Drill Pipe 4.500 1.690 11,669' 0'					Shaker 1 200																
6 rpm							1				1		Agitator 5.250 2.600 21' 11,669'					Shaker 2 200																
3 rpm							1				1		HWDP/DP 4.500 3.340 2,435' 11,690'					Shaker 3 200																
Plastic Viscosity (cp) @ 120 °F							1				1		DRL BHA 5.500 2.500 325' 14,125'					NOV Shakers 100																
Yield Point (lb/100 ft²) T0 = 1							2				2		CASING & HOLE DATA										Centrifuge 1											
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top					VOLUME ACCOUNTING (bbls)																
Gel Strength (lb/100 ft²) 30 min							2		2		Riser																							
API Filtrate / Cake Thickness											Surface 10 3/4 3,018' 0'																							
HTHP Filtrate / Cake Thickness @ 0 °F											Int. Csg. 7 5/8 0.100 9,321' 0'																							
Retort Solids Content							0.3%				0.4%		Washout 1					Oil Added (+) 88.1																
Retort Oil Content							1.2%				0.9%		Washout 2					Barite Added (+) 0.0																
Retort Water Content							98.5%				98.7%		Open Hole Size 6.750 14,450'					Other Product Usage (+) 0.7																
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY										Water Added (+) 10790.9											
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							7.8				7.7												Drill H2O & Prod H2O/Diesel -10870.7											
Alkalinity, Mud Pm																																		
Alkalinities, Filtrate Pf/Mf																																		
Chlorides (mg/L)							8000				9500																							
Calcium (ppm)							240				300		6.75x4.5 9,321' -457.5 8.65					Est. Total on Location 2000.4																
Excess Lime (lb/bbl)													6.75x4.5 11,669' 365.8 turb 9.08					Est. Losses/Gains (-)/(+) 0.0																
Average Specific Gravity of Solids							2.60		2.60		2.60		6.75x5.25 11,690' 514.4 turb 9.38					BIT HYDRAULICS DATA																
Percent Low Gravity Solids							0%				0%		6.75x4.5 14,125' 365.8 turb 9.82					Bit H.S.I.		Bit ΔP		Nozzles (32nds)												
Percent Drill Solids													6.75x5.5 14,450' 604.7 turb 10.21					0.31		50 psi		18 18 18												
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Ulterra/SPL613			134 lbs		81		18 18 18											
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure									
Sample Taken By							E.Sanchez				R.Bowlin		6 3/4										18,400 psi											
Remarks/Recommendations:  OBM Received: 3,250 bbl  OBM on Location: 2,000 bbl  OBM Gain/Loss: (-)1,250 bbl  Prod H2O Used: 1,488 bbl  Fresh H2O Used: 9,383 bbl										Rig Activity:  Continue to drill from 12,127' to 14,450' under a mud cap with drill H2O & prod H2O as the circ median @ 70/30%. Pump 10bbl PHPA sweeps every connection to aid in lubricity, encapsulation and to carry the drill cuttings to the area of loss. Maintaining Diesel additional @ 3.6BPH for lubricity. Three separate supply lines are in place for each individual fluid to eliminate and chance of cross contamination.																								
Eng. 1: Rob Bowlin Phone: 228-990-1055							Eng. 2: Edgar Sanchez Phone: 956-693-3035							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.														\$4,429.20		\$170,235.46											
										INCLUDING 3RD PARTY CHARGES										\$17,342.20		\$272,218.46												

MATERIAL CONSUMPTION

Date	Operator			Well Name and No.		Rig Name and No.		Report No.	
03/19/22		MAGNOLIA OIL & GAS		BUCKY BADGERS H-02 BB		285		Report #14	
DAILY USAGE & COST								CUMULATIVE	
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost	Cum Usage	Cum Cost
SAPP (50)	50# sk	\$46.84	51		51			18	\$843.12
PHPA LIQUID (pail)	5 gal	\$45.70	51		45	6	\$274.20	11	\$502.70
CACL2 (50)	50# sk	\$15.39	224		224				
LIME (50)	50# sk	\$5.88	375		375			100	\$588.00
OPTI G	50# sk	\$34.87	120		120				
BENTONE 910 (50)	50# sk	\$61.38	40		40				
BENTONE 990 (50)	50# sk	\$92.36	42		42				
BENTONE 38 (50)	50# sk	\$168.99	23		23				
OPTI MUL HP	gal	\$12.83	550		550				
OPTI WET	gal	\$12.22	440		440			165	\$2,016.30
NEW PHALT	50# sk	\$44.42	60		60			40	\$1,776.80
OIL SORB (40)	40# sk	\$10.80	50		50				
GSX-509-08	50# sk	\$44.42	120		120			30	\$1,332.60
GRAPHITE - FINE (50)	50# sk	\$27.51							
CAL CARB MEDIUM (50)	50# sk	\$5.63	80		80			10	\$56.30
MAGMAFIBER F (25)	25# sk	\$28.05							
NUT PLUG M (50)	50# sk	\$10.51	40		40				
NEW WATE (SACK BARITE)	100# sk	\$11.27	40		40				
EX-WATE (BULK BARITE)	100# sk	\$8.58	1624		1624			202	\$1,733.16
OPTI DRILL (OBM)	bbl	\$105.00	2019		2000	19	\$1,995.00	1250	\$131,250.00
OBM MIXING FEE (>13# / BBL)	bbl	\$4.00							
OBM MIXING FEE HRS.	per hour	\$400.00							
SCALE TICKET	each	\$15.00							



### THIRD PARTY COST SHEET

[illegible]

**OUTSOURCE FLUID SOLUTIONS LLC.**

## FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

		WEEK 1							WEEK 2							WEEK 3							
		Date	3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Grand Totals	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4														
	Starting Depth	3,018	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500													
	Ending Depth	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500														
11,482	Footage Drilled	-	4,982	1,240	96	-	475	2,316	2,373	-	-	-	-	-	-	-	-	-	-	-	-	-	
827	New Hole Vol.	-	472	117	9	-	21	103	105	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Starting System Volume	280	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	
25	Chemical Additions	4	8	1		2	9		1														
525	Base Fluid Added	41	127	51		1	48	169	88														
14	Barite Increase		7	7																			
2,970	Weighted Mud Added	1,657		441		455	417																
-	Slurry Added																						
24,268	Water Added		30	20			1,447	11,981	10,790														
-	Added for Washout																						
27,802	Total Additions	1,702	172	520	-	458	1,921	12,150	10,879	-	-	-	-	-	-	-	-	-	-	-	-	-	
23,254	Surface Losses	45	80	60	40			12,159	10,870														
882	Formation Loss			68	50		725	20	19														
370	Mud Loss to Cuttings		218	129			23																
1,521	Unrecoverable Volume		14		25	35	1,447																
55	Centrifuge Losses					55																	
26,082	Total Losses	45	312	257	115	90	2,195	12,179	10,889	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	Mud Transferred Out																						
2,000	Ending System Volume	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	
-	Mud Recovered																						
3,250	Comments:							Comments:							Comments:								
	3/12/22	Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge							3/19/22 Lost 9,383 bbl Fresh Water Lost 1,488 bbl Prod. Water Lost 88 bbl of Diesel Lost 19 bbl OBM Down Hole							3/26/22							
	3/13/22	Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable							3/20/22							3/27/22							
	3/14/22	Rec. 441 bbl of 9.0 ppg from NewPark Lost 60 bbl Filt /Evap Lost 129 bbl Left in cuttings Lost 68 bbl Seepage Losses							3/21/22							3/28/22							
	3/15/22	Lost 40 bbl Contaminated Spacer Lost 50 bbl Down Hole Lost 25 bbl Casing Run							3/22/22							3/29/22							
	3/16/22	Received 455 bbl of 17 ppg Kill Mud Lost 55 bbl Centrifuge Lost 35 bbl Trucking							3/23/22							3/30/22							
	3/17/22	Received 417 bbl of 9 ppg Kill Mud Lost 1447 bbl Fresh Water Down Hole Lost 725 bbl OBM Down Hole							3/24/22							3/31/22							
	3/18/22	Lost 10291 bbl Fresh Water Lost 1,690 bbl Prod. Water Lost 169 bbl of Diesel Lost 20 bbl OBM Down Hole							3/25/22							4/1/22							

03/20/22

110 Old Market St.  
St Martinville, LA 70582

Report #15

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

15.6° 3,166' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>		24 hr fig. <b>1,035 ft</b>		Drilled Depth <b>15,485 ft</b>																							
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>		Current ROP <b>61 ft/hr</b>		Activity <b>POOH</b>																							
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>		Circulating Rate <b>0 gpm</b>		Circulating Pressure <b>psi</b>																							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 207 bbl In Hole 0 bbl Active 207 bbl Storage <u>1801 bbl</u> Tot. on Location 2008 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 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0																				
							3/20/22				3/19/22																													
Time Sample Taken							0:15				12:40																													
Sample Location							suction				Suction																													
Flowline Temperature °F													PHHP = 0 CIRCULATION DATA n = 0.415 K = 114.973																											
Depth (ft)							15,485'				15,000'		Bit Depth = 3,200 '			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. 207.0 bbl		Strokes To Bit BottomsUp Stks TotalCirc.Stks			Time To Bit BottomsUp Time Total Circ. Time																				
600 rpm							4				4		0.0 bbl																											
300 rpm							3				3		DRILLING ASSEMBLY DATA							SOLIDS CONTROL																				
200 rpm							2				2		Tubulars OD (in.) ID (in.) Length Top 3,200' 0'					Unit Screens Hours Shaker 1 200 Shaker 2 200 Shaker 3 200 NOV Shakers 100 Centrifuge 1																						
100 rpm							1				1																													
6 rpm							1				1																													
3 rpm							1				1																													
Plastic Viscosity (cp) @ 120 °F							1				1																													
Yield Point (lb/100 ft²) T0 = 1							2				2		CASING & HOLE DATA																											
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top Riser Surface 10 3/4 3,018' 0' Int. Csg. 7 5/8 9,321' 0' Washout 1 Washout 2 Open Hole Size 0.000 15,485'																											
Gel Strength (lb/100 ft²) 30 min							2				2																													
API Filtrate / Cake Thickness																																								
HTHP Filtrate / Cake Thickness @ 0 °F																																								
Retort Solids Content							0.3%				0.4%																													
Retort Oil Content							1.2%				0.9%																													
Retort Water Content							98.5%				98.7%																													
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY																											
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal																			
pH							7.8				7.7																													
Alkalinity, Mud Pm																																								
Alkalinities, Filtrate Pf/Mf																																								
Chlorides (mg/L)							8000				9500																													
Calcium (ppm)							240				300																													
Excess Lime (lb/bbl)																																								
Average Specific Gravity of Solids							2.60		2.60		2.60																													
Percent Low Gravity Solids							0%				0%																													
Percent Drill Solids																																								
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA			Manuf./Type Ultrera/SPL613			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							E.Sanchez				R.Bowlin																													
Remarks/Recommendations:  OBM Received: 3,541 bbl (Rec. 2,91 bbl @ 17.5 ppg)  OBM on Location: 2,008 bbl  OBM Gain/Loss: (-)1,533 bbl  Prod H2O Used: 1,825 bbl  Fresh H2O Used: 7,000 bbl										Rig Activity:  Drilled from 14,450'MD to 15,485'MD under a 17.5ppg mud cap. Continue with drill H2O & prod H2O as the primary circ median @ 70/30% blend. Pumping 10bbl PHPA sweeps every conn to aid in lubricity, encapsulation and carry the drill cuttings to the area of loss. Additions of Diesel @ 3.6BPH for additional lubricity and PHPA in the suction for encapsulation. Observed torque values @ 20-21K, 300' ROP with 70 Rotary. Decision was made to POOH. Pumped 50 bbl of 17.5 ppg KILL MUD checked for flow, no flow. Began POOH to 3,200' pumping 10.2 ppg OBM on back side.																														
Eng. 1: Rob Bowlin Phone: 228-990-1055							Eng. 2: Edgar Sanchez Phone: 956-693-3035							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.																								\$33,663.92			\$203,899.38						
										INCLUDING 3RD PARTY CHARGES																	\$49,368.92			\$321,587.38										

MATERIAL CONSUMPTION

Date	Operator			Well Name and No.			Rig Name and No.		Report No.		
03/20/22		MAGNOLIA OIL & GAS			BUCKY BADGERS H-02 BB			285		Report #15	
DAILY USAGE & COST									CUMULATIVE		
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
SAPP (50)	50# sk	\$46.84	51		51				18	\$843.12	
PHPA LIQUID (pail)	5 gal	\$45.70	45		39	6	\$274.20		17	\$776.90	
CACL2 (50)	50# sk	\$15.39	224		224						
LIME (50)	50# sk	\$5.88	375		375				100	\$588.00	
OPTI G	50# sk	\$34.87	120		120						
BENTONE 910 (50)	50# sk	\$61.38	40		40						
BENTONE 990 (50)	50# sk	\$92.36	42		42						
BENTONE 38 (50)	50# sk	\$168.99	23		23						
OPTI MUL HP	gal	\$12.83	550		550						
OPTI WET	gal	\$12.22	440		440				165	\$2,016.30	
NEW PHALT	50# sk	\$44.42	60		60				40	\$1,776.80	
OIL SORB (40)	40# sk	\$10.80	50		50						
GSX-509-08	50# sk	\$44.42	120		120				30	\$1,332.60	
GRAPHITE - FINE (50)	50# sk	\$27.51									
CAL CARB MEDIUM (50)	50# sk	\$5.63	80		80				10	\$56.30	
MAGMAFIBER F (25)	25# sk	\$28.05									
NUT PLUG M (50)	50# sk	\$10.51	40		40						
NEW WATE (SACK BARITE)	100# sk	\$11.27	40			40	\$450.80		40	\$450.80	
EX-WATE (BULK BARITE)	100# sk	\$8.58	1624		1500	124	\$1,063.92		326	\$2,797.08	
OPTI DRILL (OBM)	bbl	\$105.00	2000	291	2008	283	\$29,715.00		1533	\$160,965.00	
OBM MIXING FEE (>13# / BBL)	bbl	\$4.00									
OBM MIXING FEE HRS.	per hour	\$400.00									
SCALE TICKET	each	\$15.00									
							</				

### THIRD PARTY COST SHEET

[illegible]

## FLUID VOLUME ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

3,541
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03/21/22

110 Old Market St.  
St Martinville, LA 70582

Report #16

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

86.9° 10,016' TVD

Operator				Contractor			County / Parish / Block			Engineer Start Date			24 hr fig.			Drilled Depth																		
MAGNOLIA OIL & GAS							PATTERSON			LEE			03/03/22			1,054 ft			16,539 ft															
Well Name and No.							Rig Name and No.			State			Spud Date			Current ROP			Activity															
BUCKY BADGERS H-02 BB							285			TEXAS			03/05/22			7 ft/hr			Rig Service															
Report for							Report for			Field / OCS-G #			Fluid Type			Circulating Rate			Circulating Pressure															
Bobby G. / Gregg J.							RIG MANAGER			GIDDINGS AC			WBM			394 gpm			3,728 psi															
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																		
Weight		PV		YP		GELS		pH		API fl		% Solids		In Pits		88 bbl		Liner Size		4.75		Liner Size		4.75		Liner Size		4.75						
8.4-9.6		0-10		0-10		<5 <10		7-8.5		<30		1-10		In Hole		0 bbl		Stroke		12		Stroke		12		Stroke		12						
							3/21/22				3/20/22		Active		88 bbl		bbl/stk		0.0625		bbl/stk		0.0625		bbl/stk		0.0625							
Time Sample Taken							0:15				12:00		Storage		1801 bbl		stk/min		75		stk/min		75		stk/min		0							
Sample Location							suction				Suction		Tot. on Location		1889 bbl		gal/min		197		gal/min		197		gal/min		0							
Flowline Temperature °F													PHHP = 856 CIRCULATION DATA n = 0.415 K = 114.973																					
Depth (ft)							16,539'				15,486'		Bit Depth = 16,539 '				Washout = 0%			Pump Efficiency = 95%														
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit		291.9 bbl		Strokes To Bit		4,672		Time To Bit				31 min							
Funnel Vis (sec/qt)							@ 85 °F		29		26				Bottoms Up Vol.		-292.3 bbl		BottomsUp Stks		-4,679		BottomsUp Time				-31 min							
600 rpm							4				3				36.7 bbl		TotalCirc.Vol.		87.6 bbl		TotalCirc.Stks		1,402		Total Circ. Time				9 min					
300 rpm							3				2		DRILLING ASSEMBLY DATA							SOLIDS CONTROL														
200 rpm							2				1		Tubulars		OD (in.)		ID (in.)		Length		Top		Unit		Screens		Hours							
100 rpm							1				1		Drill Pipe		4.500		4.290		16,214'		0'		Shaker 1		200									
6 rpm							1				1		DRL BHA		5.500		2.500		325'		16,214'		Shaker 2		200									
3 rpm							1				1								16,539'		Shaker 3		200											
Plastic Viscosity (cp)							@ 120 °F		1		1								16,539'		NOV Shakers		100											
Yield Point (lb/100 ft²)							T0 = 1		2		1		CASING & HOLE DATA							Centrifuge 1														
Gel Strength (lb/100 ft²)							10 sec/10 min		1/1		1/1		Casing		OD (in.)		ID (in.)		Depth		Top													
Gel Strength (lb/100 ft²)							30 min		2		1		Riser										VOLUME ACCOUNTING (bbls)											
API Filtrate / Cake Thickness													Surface		10 3/4				3,018'		0'		Prev. Total on Location					2008.0						
HTHP Filtrate / Cake Thickness							@ 0 °F						Int. Csg.		7 5/8		2.000		9,321'		0'		Transferred In(+)/Out(-)											
Retort Solids Content							0.3%				0.4%		Washout 1										Oil Added (+)					11.9						
Retort Oil Content							1.2%						Washout 2										Barite Added (+)					0.0						
Retort Water Content							98.5%				99.6%		Open Hole Size		0.000		16,539'						Other Product Usage (+)					0.4						
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY																					
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							7.8				7.9												Drill H2O & Prod H2O/Diesel					-5067.7						
Alkalinity, Mud Pm													2x4.5 9,321' -593.6 8.40 0x4.5 16,214' -476.3 8.40 0x5.5 16,539' -318.9 8.40							OBM Down Hole					-119.0									
Alkalinities, Filtrate Pf/Mf																										Est. Total on Location					1888.6			
Chlorides (mg/L)							8000		200																			Est. Losses/Gains (-)/(+)					0.0	
Calcium (ppm)							240		60																					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														54 psi		18		18		18			
Percent Low Gravity Solids							0%				0.4%														Bit Impact Force		Nozzle Velocity (ft/sec)		18		18		18	
Percent Drill Solids											0.4%																							
PPA Spurt / Total (ml) @							@ 0 °F						BIT DATA			Manuf./Type		Ulterra/SPL613			145 lbs		85											
Estimated Total LCM in System							ppb						Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD		Calc. Circ. Pressure									
Sample Taken By							E.Sanchez				R.Bowlin														466 psi									
Remarks/Recommendations:										Rig Activity:																								
OBM Received: 3,541 bbl																																		
OBM on Location: 1,889 bbl																																		
OBM Gain/Loss: (-)1,652 bbl																																		
Prod H2O Used: 1,130 bbl										Finished POOH to surface C/O BHA. TIH to bottom using fresh water to fill pipe. Tag bottom and resumed drilling from 15,485' to 16,539' at report time. Pumping fresh water/ production water as primary circulating fluid. Adding Diesel for lubricity. Continue to pump PHPA sweeps every stand. Average Torque 18-20K. Plan ahead is to drill to section T.D.																								
Fresh H2O Used: 3,938 bbl																																		
Eng. 1:			Rob Bowlin			Eng. 2:			Edgar Sanchez			WH 1:			MIDLAND			WH 2:			WH #2			Rig Phone:			Daily Total			Cumulative Cost				
Phone:			228-990-1055			Phone:			956-693-3035			Phone:			432-686-7361			Phone:			-						\$14,792.10			\$218,691.48				
W	P	Y	g	G	p	A	S	C	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.																			\$14,792.10			\$218,691.48			
1	1	1	1	1	1	1	1	0																				\$16,862.10			\$338,449.48			

MATERIAL CONSUMPTION

Date	Operator			Well Name and No.			Rig Name and No.		Report No.		
03/21/22		MAGNOLIA OIL & GAS			BUCKY BADGERS H-02 BB			285		Report #16	
DAILY USAGE & COST									CUMULATIVE		
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
SAPP (50)	50# sk	\$46.84	51		51				18	\$843.12	
PHPA LIQUID (pail)	5 gal	\$45.70	39		36	3	\$137.10		20	\$914.00	
CACL2 (50)	50# sk	\$15.39	224		224						
LIME (50)	50# sk	\$5.88	375		375				100	\$588.00	
OPTI G	50# sk	\$34.87	120		120						
BENTONE 910 (50)	50# sk	\$61.38	40		40						
BENTONE 990 (50)	50# sk	\$92.36	42		42						
BENTONE 38 (50)	50# sk	\$168.99	23		23						
OPTI MUL HP	gal	\$12.83	550		550						
OPTI WET	gal	\$12.22	440		440				165	\$2,016.30	
NEW PHALT	50# sk	\$44.42	60		60				40	\$1,776.80	
OIL SORB (40)	40# sk	\$10.80	50		50						
GSX-509-08	50# sk	\$44.42	120		120				30	\$1,332.60	
GRAPHITE - FINE (50)	50# sk	\$27.51									
CAL CARB MEDIUM (50)	50# sk	\$5.63	80		80				10	\$56.30	
MAGMAFIBER F (25)	25# sk	\$28.05									
NUT PLUG M (50)	50# sk	\$10.51	40		40						
NEW WATE (SACK BARITE)	100# sk	\$11.27							40	\$450.80	
EX-WATE (BULK BARITE)	100# sk	\$8.58	1500		1500				326	\$2,797.08	
OPTI DRILL (OBM)	bbl	\$105.00	2008		1889	119	\$12,495.00		1652	\$173,460.00	
OBM MIXING FEE (>13# / BBL)	bbl	\$4.00									
OBM MIXING FEE HRS.	per hour	\$400.00									
SCALE TICKET	each	\$15.00									



### THIRD PARTY COST SHEET

[illegible]

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

3,541
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03/22/22

110 Old Market St.  
St Martinville, LA 70582

Report #17

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

86.9° 9,897' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>1,252 ft</b>			Drilled Depth <b>17,791 ft</b>																					
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>0 ft/hr</b>			Activity <b>Back Ream</b>																					
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>			Circulating Rate <b>399 gpm</b>			Circulating Pressure <b>4,020 psi</b>																					
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER																								
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 329 bbl In Hole 0 bbl Active 329 bbl Storage <u>1480 bbl</u> Tot. on Location 1809 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 76 gal/min 199		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0																				
							3/22/22				3/21/22																													
Time Sample Taken							0:15				12:00																													
Sample Location							suction				Suction																													
Flowline Temperature °F													PHHP = 935		CIRCULATION DATA		n = 0.415 K = 114.973																							
Depth (ft)							17,791'				17,791'		Bit Depth = 14,311 '		Washout = 0%		Pump Efficiency = 95%																							
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 248.5 bbl Bottoms Up Vol. -248.5 bbl TotalCirc.Vol. 329.1 bbl		Strokes To Bit 3,979 BottomsUp Stks -3,977 TotalCirc.Stks 5,268		Time To Bit 26 min BottomsUp Time -26 min Total Circ. Time 35 min																					
Funnel Vis (sec/qt) @ 85 °F							29				27		36.1 bbl																											
600 rpm							4				4																													
300 rpm							3				3		DRILLING ASSEMBLY DATA							SOLIDS CONTROL																				
200 rpm							2				2		Tubulars OD (in.) ID (in.) Length Top Drill Pipe 4.500 4.260 13,986' 0' DRL BHA 5.500 2.500 325' 13,986' 14,311' 14,311'					Unit Screens Hours Shaker 1 200 Shaker 2 200 Shaker 3 200 NOV Shakers 100 Centrifuge 1																						
100 rpm							1				1																													
6 rpm							1				1																													
3 rpm							1				1																													
Plastic Viscosity (cp) @ 120 °F							1				1																													
Yield Point (lb/100 ft²) T0 = 1							2				2		CASING & HOLE DATA																											
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top Riser Surface 10 3/4 3,018' 0' Int. Csg. 7 5/8 2.000 9,321' 0' Washout 1 Washout 2 Open Hole Size 0.000 17,791'																											
Gel Strength (lb/100 ft²) 30 min							2				2							VOLUME ACCOUNTING (bbls)																						
API Filtrate / Cake Thickness																		Prev. Total on Location 1888.6																						
HTHP Filtrate / Cake Thickness @ 0 °F																		Transferred In(+)/Out(-)																						
Retort Solids Content							0.4%				0.5%							Oil Added (+) 4.8																						
Retort Oil Content											0.8%							Barite Added (+) 0.0																						
Retort Water Content							99.6%				98.7%							Other Product Usage (+) 0.6																						
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY					Water Added (+) 8555.2																						
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal																			
pH							7.8				8.0							Left on Cuttings (-) 0.0																						
Alkalinity, Mud Pm																		kill H2O & Prod H2O/Diesel -8560.0																						
Alkalinities, Filtrate Pf/Mf																		OBM Down Hole -80.0																						
Chlorides (mg/L)							400				350		2x4.5 9,321' -601.5 8.40					Est. Total on Location 1809.1																						
Calcium (ppm)							100				160		0x4.5 13,986' -482.7 8.40					Est. Losses/Gains (-)/(+) 0.0																						
Excess Lime (lb/bbl)													0x5.5 14,311' -323.1 8.40					BIT HYDRAULICS DATA																						
Average Specific Gravity of Solids							2.60		2.60		2.60							Bit H.S.I.		Bit ΔP		Nozzles (32nds)																		
Percent Low Gravity Solids							0.4%				0.5%									55 psi		18 18 18																		
Percent Drill Solids							0.4%				0.5%							Bit Impact Force		Nozzle Velocity (ft/sec)		18 18 18																		
PPA Spurt / Total (ml) @ @ 0 °F													BIT DATA		Manuf./Type		Ulterra/SPL613		149 lbs		86																			
Estimated Total LCM in System ppb													Size		Depth In		Hours		Footage		ROP ft/hr		Motor/MWD																	
Sample Taken By							E.Sanchez				R.Bowlin												Calc. Circ. Pressure																	
Remarks/Recommendations:  OBM Received: 3,541 bbl  OBM on Location: 1,809 bbl  OBM Gain/Loss: (-)1,732 bbl  Prod H2O Used: 8,276 bbl  Fresh H2O Used: 284 bbl							Rig Activity:  Over the past 12 hours continued drilling ahead from 16,539'MD to well TD at 17,791'MD. Pumped (3) 30bbls PHPA sweeps for the clean-up cycle ensuring the well bore to be free of cuttings back to the area of loss. Diesel/ PHPA additions were made in the suction while drilling or circulating. PHPA sweeps every stand at 10bbls increments while drilling ahead. At the time of the afternoon report begin to back-ream out of the hole to 14,31'. Transfer 10.5ppg (OBM) placed ready for hole fill down the backside, kill mud (OBM) 17.5ppg also placed ready.																																	
Eng. 1: Rob Bowlin Phone: 228-990-1055							Eng. 2: Edgar Sanchez Phone: 956-693-3035							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.																	\$10,788.50							\$229,479.98									
							INCLUDING 3RD PARTY CHARGES																	\$11,616.50							\$350,065.98									

MATERIAL CONSUMPTION

Date	Operator			Well Name and No.			Rig Name and No.		Report No.		
03/22/22		MAGNOLIA OIL & GAS			BUCKY BADGERS H-02 BB			285		Report #17	
DAILY USAGE & COST									CUMULATIVE		
Item	Unit	Unit Cost	Previous Inventory	Received	Closing Inventory	Daily Usage	Daily Cost		Cum Usage	Cum Cost	
SAPP (50)	50# sk	\$46.84	51		51				18	\$843.12	
PHPA LIQUID (pail)	5 gal	\$45.70	36		31	5	\$228.50		25	\$1,142.50	
CACL2 (50)	50# sk	\$15.39	224		224						
LIME (50)	50# sk	\$5.88	375		375				100	\$588.00	
OPTI G	50# sk	\$34.87	120		120						
BENTONE 910 (50)	50# sk	\$61.38	40		40						
BENTONE 990 (50)	50# sk	\$92.36	42		42						
BENTONE 38 (50)	50# sk	\$168.99	23		23						
OPTI MUL HP	gal	\$12.83	550		550						
OPTI WET	gal	\$12.22	440		440				165	\$2,016.30	
NEW PHALT	50# sk	\$44.42	60		60				40	\$1,776.80	
OIL SORB (40)	40# sk	\$10.80	50		50						
GSX-509-08	50# sk	\$44.42	120		120				30	\$1,332.60	
GRAPHITE - FINE (50)	50# sk	\$27.51									
CAL CARB MEDIUM (50)	50# sk	\$5.63	80		80				10	\$56.30	
MAGMAFIBER F (25)	25# sk	\$28.05									
NUT PLUG M (50)	50# sk	\$10.51	40		40						
NEW WATE (SACK BARITE)	100# sk	\$11.27							40	\$450.80	
EX-WATE (BULK BARITE)	100# sk	\$8.58	1500		1500				326	\$2,797.08	
OPTI DRILL (OBM)	bbl	\$105.00	1889		1809	80	\$8,400.00		1732	\$181,860.00	
OBM MIXING FEE (>13# / BBL)	bbl	\$4.00									
OBM MIXING FEE HRS.	per hour	\$400.00									
SCALE TICKET	each	\$15.00									

### THIRD PARTY COST SHEET

[illegible]

## FLUID VOLUME ACCOUNTING

		WEEK 1							WEEK 2							WEEK 3								
		Date	3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22	
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri		
Grand Totals	Bit Size	9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4											
	Starting Depth	3,018	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500	15,485	16,539	17,791											
	Ending Depth	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500	15,485	16,539	17,791												
14,773	Footage Drilled	-	4,982	1,240	96	-	475	2,316	2,373	985	1,054	1,252	-	-	-	-	-	-	-	-	-	-		
973	New Hole Vol.	-	472	117	9	-	21	103	105	44	47	55	-	-	-	-	-	-	-	-	-	-		
	Starting System Volume	280	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,008	1,889	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809		
27	Chemical Additions	4	8	1		2	9		1	1	0	1												
649	Base Fluid Added	41	127	51		1	48	169	88	107	12	5												
25	Barite Increase		7	7						11														
3,261	Weighted Mud Added	1,657		441		455	417			291														
-	Slurry Added																							
46,583	Water Added		30	20			1,447	11,981	10,790	8,706	5,055	8,554												
-	Added for Washout																							
50,545	Total Additions	1,702	172	520	-	458	1,921	12,150	10,879	9,116	5,067	8,560	-	-	-	-	-	-	-	-	-	-		
45,706	Surface Losses	45	80	60	40			12,159	10,870	8,825	5,067	8,560												
1,364	Formation Loss			68	50		725	20	19	283	119	80												
370	Mud Loss to Cuttings		218	129			23																	
1,521	Unrecoverable Volume		14		25	35	1,447																	
55	Centrifuge Losses					55																		
49,016	Total Losses	45	312	257	115	90	2,195	12,179	10,889	9,108	5,186	8,640	-	-	-	-	-	-	-	-	-	-		
-	Mud Transferred Out																							
1,809	Ending System Volume	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,008	1,889	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809	1,809		
-	Mud Recovered																							
3,541	Comments:							Comments:							Comments:									
	3/12/22	Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge							3/19/22	Lost 9,383 bbl Fresh Water Lost 1,488 bbl Prod. Water Lost 88 bbl of Diesel Lost 19 bbl OBM Down Hole							3/26/22							
	3/13/22	Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable							3/20/22	Lost 7,000 bbl Fresh Water Lost 1,825 bbl Prod. Water Lost 107 bbl of Diesel Lost 283 bbl OBM Down Hole							3/27/22							

03/23/22

110 Old Market St.  
St Martinville, LA 70582

Report #18

TEL: (337) 394-1078

OUTSOURCE FLUID SOLUTIONS LLC.

47.0° 9,438' TVD

Operator <b>MAGNOLIA OIL &amp; GAS</b>							Contractor <b>PATTERSON</b>			County / Parish / Block <b>LEE</b>			Engineer Start Date <b>03/03/22</b>			24 hr fig. <b>0 ft</b>			Drilled Depth <b>17,791 ft</b>							
Well Name and No. <b>BUCKY BADGERS H-02 BB</b>							Rig Name and No. <b>285</b>			State <b>TEXAS</b>			Spud Date <b>03/05/22</b>			Current ROP <b>0 ft/hr</b>			Activity <b>Prod. Casing</b>							
Report for <b>Bobby G. / Gregg J.</b>							Report for <b>RIG MANAGER</b>			Field / OCS-G # <b>GIDDINGS AC</b>			Fluid Type <b>WBM</b>			Circulating Rate <b>0 gpm</b>			Circulating Pressure							
MUD PROPERTY SPECIFICATIONS							MUD VOLUME (BBL)			PUMP #1			PUMP #2			RISER BOOSTER										
Weight <b>8.4-9.6</b>		PV <b>0-10</b>		YP <b>0-10</b>		GELS <b>&lt;5 &lt;10</b>		pH <b>7-8.5</b>		API fl <b>&lt;30</b>		% Solids <b>1-10</b>		In Pits 201 bbl In Hole 0 bbl Active 201 bbl Storage <u>1385 bbl</u> Tot. on Location 1586 bbl		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min gal/min 0		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min gal/min 0		Liner Size 4.75 Stroke 12 bbl/stk 0.0625 stk/min 0 gal/min 0						
							3/23/22				3/22/22															
Time Sample Taken							0:15				12:00															
Sample Location							suction				Suction															
Flowline Temperature °F													PHHP = 0 CIRCULATION DATA n = 0.415 K = 114.973													
Depth (ft)							17,791'				17,791'		Bit Depth = 11,000 '			Washout = 0%			Pump Efficiency = 95%							
Mud Weight (ppg)							8.4				8.4		Drill String Disp.		Volume to Bit 195.4 bbl Bottoms Up Vol. -195.1 bbl TotalCirc.Vol. 201.2 bbl		Strokes To Bit BottomsUp Stks TotalCirc.Stks			Time To Bit BottomsUp Time Total Circ. Time						
Funnel Vis (sec/qt) @ 85 °F							29				26		71.8 bbl													
600 rpm							4				3															
300 rpm							3				2		DRILLING ASSEMBLY DATA						SOLIDS CONTROL							
200 rpm							2				1		Tubulars OD (in.) ID (in.) Length Top Casing 5.000 4.276 11,000' 0' 11,000' 11,000'					Unit Screens Hours Shaker 1 200 Shaker 2 200 Shaker 3 200 NOV Shakers 100 Centrifuge 1								
100 rpm							1				1															
6 rpm							1				1															
3 rpm							1				1															
Plastic Viscosity (cp) @ 120 °F							1				1															
Yield Point (lb/100 ft²) T0 = 1							2				1		CASING & HOLE DATA													
Gel Strength (lb/100 ft²) 10 sec/10 min							1/1				1/1		Casing OD (in.) ID (in.) Depth Top Riser Surface 10 3/4 3,018' 0' Int. Csg. 7 5/8 2.820 9,321' 0' Prod. 5 1/2 Prod. 5 Open Hole Size 0.000 17,791'													
Gel Strength (lb/100 ft²) 30 min							2				1															
API Filtrate / Cake Thickness																										
HTHP Filtrate / Cake Thickness @ 0 °F																										
Retort Solids Content							0.4%				0.4%															
Retort Oil Content																										
Retort Water Content							99.6%				99.6%															
Sand Content							0%				0%		ANNULAR GEOMETRY & RHEOLOGY													
M.B.T. (Methylene Blue Capacity) (ppb)													annular section		meas. depth		velocity ft/min		flow reg		ECD lb/gal					
pH							7.8				8.0															
Alkalinity, Mud Pm																										
Alkalinities, Filtrate Pf/Mf																										
Chlorides (mg/L)							400				300															
Calcium (ppm)							100				120															
Excess Lime (lb/bbl)																										
Average Specific Gravity of Solids							2.60		2.60		2.60															
Percent Low Gravity Solids							0.4%				0.4%															
Percent Drill Solids							0.4%				0.4%															
PPA Spurt / Total (ml) @ @ 0 °F													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							E.Sanchez				R.Bowlin															
Remarks/Recommendations:  OBM Received: 3,541 bbl  OBM on Location: 1,586 bbl  OBM Gain/Loss: (-)1,955 bbl  Prod H2O Used: 690 bbl  Fresh H2O Used: 0 bbl										Rig Activity:  Continue to strip out of hole to 13,375'. Began POOH from 13,375' to surface. Pumping 10.2 ppg OBM calculated fill on back side. R/U and held S/M with casing crew and began running 5" (9,034') and 5.5" (8,737') casing to bottom. Fill casing with fresh water. Plan ahead is to land casing on bottom and cement.																
Eng. 1: Rob Bowlin Phone: 228-990-1055			Eng. 2: Edgar Sanchez Phone: 956-693-3035			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.											\$25,575.00			\$255,054.98									
INCLUDING 3RD PARTY CHARGES														\$25,575.00			\$375,640.98									





### THIRD PARTY COST SHEET

[illegible]

OUTSOURCE FLUID SOLUTIONS LLC.

FLUID  
VOLUME  
ACCOUNTING

Operator:	MAGNOLIA OIL & GAS
Rig Name:	285
Well Name:	BUCKY BADGERS H-02 BB

		WEEK 1							WEEK 2							WEEK 3						
Date		3/12/22	3/13/22	3/14/22	3/15/22	3/16/22	3/17/22	3/18/22	3/19/22	3/20/22	3/21/22	3/22/22	3/23/22	3/24/22	3/25/22	3/26/22	3/27/22	3/28/22	3/29/22	3/30/22	3/31/22	4/1/22
		Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Bit Size		9 7/8	9 7/8	9 7/8	9 7/8	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4									
Grand Totals	Starting Depth	3,018	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500	15,485	16,539	17,791	17,791								
	Ending Depth	3,018	8,000	9,240	9,336	9,336	9,811	12,127	14,500	15,485	16,539	17,791	17,791									
	Footage Drilled	-	4,982	1,240	96	-	475	2,316	2,373	985	1,054	1,252	-	-	-	-	-	-	-	-	-	-
14,773	New Hole Vol.	-	472	117	9	-	21	103	105	44	47	55	-	-	-	-	-	-	-	-	-	-
973	Starting System Volume	280	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,008	1,889	1,809	1,586	1,586	1,586	1,586	1,586	1,586	1,586	1,586	1,586
27	Chemical Additions	4	8	1		2	9		1	1	0	1										
649	Base Fluid Added	41	127	51		1	48	169	88	107	12	5										
25	Barite Increase		7	7						11												
3,261	Weighted Mud Added	1,657		441		455	417			291												
-	Slurry Added																					
47,273	Water Added		30	20			1,447	11,981	10,790	8,706	5,055	8,554	690									
-	Added for Washout																					
51,235	Total Additions	1,702	172	520	-	458	1,921	12,150	10,879	9,116	5,067	8,560	690	-	-	-	-	-	-	-	-	-
46,396	Surface Losses	45	80	60	40		12,159	10,870	8,825	5,067	8,560	690										
1,587	Formation Loss			68	50		725	20	19	283	119	80	223									
370	Mud Loss to Cuttings		218	129			23															
1,521	Unrecoverable Volume		14		25	35	1,447															
55	Centrifuge Losses					55																
49,929	Total Losses	45	312	257	115	90	2,195	12,179	10,889	9,108	5,186	8,640	913	-	-	-	-	-	-	-	-	-
-	Mud Transferred Out																					
1,586	Ending System Volume	1,937	1,797	2,060	1,945	2,313	2,039	2,010	2,000	2,008	1,889	1,809	1,586	1,586	1,586	1,586	1,586	1,586	1,586	1,586	1,586	1,586
-	Mud Recovered																					
		Comments:							Comments:							Comments:						
3,541	3/12/22	Transferred Sack material and OBM from the H04. 1657bbl OBM transferred in. Lost 45 bbl to Centrifuge							3/19/22	Lost 9,383 bbl Fresh Water Lost 1,488 bbl Prod. Water Lost 88 bbl of Diesel Lost 19 bbl OBM Down Hole Lost 7,000 bbl Fresh Water							3/26/22					
	3/13/22	Lost 80 bbl Shaker Run Off/Evap Lost 218 bbl Left in cuttings Lost 14 bbl Non Recoverable							3/20/22	Lost 1,825 bbl Prod. Water Lost 107 bbl of Diesel Lost 283 bbl OBM Down Hole Lost 3,938 bbl Fresh Water							3/27/22					
	3/14/22	Rec. 441 bbl of 9.0 ppg from NewPark Lost 60 bbl Filt /Evap Lost 129 bbl Left in cuttings Lost 68 bbl Seepage Losses							3/21/22	Lost 1,130 bbl Prod. Water Lost 12 bbl of Diesel Lost 119 bbl OBM Down Hole Lost 8,276 bbl Fresh Water							3/28/22					
	3/15/22	Lost 40 bbl Contaminated Spacer Lost 50 bbl Down Hole Lost 25 bbl Casing Run							3/22/22	Lost 284 bbl Prod. Water Lost 5 bbl of Diesel Lost 80 bbl OBM Down Hole							3/29/22					
	3/16/22	Received 455 bbl of 17 ppg Kill Mud Lost 55 bbl Centrifuge Lost 35 bbl Trucking							3/23/22	Lost 690 bbl Fresh Water Lost 223 bbl OBM Down Hole							3/30/22					
	3/17/22	Received 417 bbl of 9 ppg Kill Mud Lost 1447 bbl Fresh Water Down Hole Lost 725 bbl OBM Down Hole							3/24/22								3/31/22					
	3/18/22	Lost 10291 bbl Fresh Water Lost 1,690 bbl Prod. Water Lost 169 bbl of Diesel Lost 20 bbl OBM Down Hole							3/25/22								4/1/22					