

Daily Drilling Report
University Lands 31-2H

Mud Type	Wt	Vis	Ph	Pm	Gel Str. 10/10			Daily OBM Total Vol.			WOB Min / Max		RPM Min / Max		SPM	GPS	BPS		
OBM	8.5	66			8 12 17			1,849			30 35		50 115		71	3.5	0.084		
	Pv	Yp	WL	Pf / Mf	Rhealogy 3rpm/6rpm			OBM Losses Daily/Cum			On/Off B PSI		Rot Wt	PU Wt	SO Wt	Hrs on Motor			
	20	10	4.7		6	7	0	387	2800	2200	205	215	180	31.0					
DP/DC Volume	Solids	Chloride	Calcium	Total Hard	Btms Up	Full Circ	Diesel Added to OBM Daily/Cum			On Bottom Torq.		Off Bottom Torq.		Current Motor Description					
	7	48000								8,000		5,000		7/8 lobe 2.4 stg 1.5 true slick 0.26 rev/gal					
Annular Vol DC	Annular Vol DP		Pit Volume	Min to Bit															

Accidents in Last 24 Hrs:	
General Comments	
100% Lime Stone 4100 max 4100 conn	

Bit Summary																
Bit #	Size		Mfg	Type	SN	Jets	Daily Hrs	Daily Ftg	In	Out	Cum/Total Ftg	Total Hrs	ROP	Comments		
1	17	1/2	Hughes	DP60SS	7036661	10-14's			105'	1,653'	1,653'	16.5	100.2			
2	12	1/4	Hughes	TD606FX	7162904	6-16's			1,653'	5,850'	4,197'	63	66.6			
3	8	3/4	Smith	MDSI716	JM3921	7X15			5,850'	9,820'	3,970'	57	69.6			
4	8	3/4	Ulterra	U516M	26946	5X16			9,820'	10,564'	635'	40.5	15.7			
5	6	1/8	NOV	E613	A223686	1X12 5X16	10	119'	10,564'	10,683'	119'	10	11.9			
6	6	1/8	BAKER	DPD407X	7156221	3X16 4X12	3	126'	10,683'	11,435'	752'	24.5	30.7			
7	6	1/8	BAKER	TD406FX	7163286	3X12 3X16	23.5	1,023'	11,435'		1,195'	29	41.2			
8																
9																
10																
Bit # Grading			Inner	Outer	Dull Char		Location	Bearing	Other	Gauge	Reason Pulled		Comments			
BHA Summary												BHA #	7	BHA Hours	31.0	
Item	Description				Length	OD	ID	Conn Up	Box	Pin	Top to Bit	Equipment Description				
Bit	BAKER 6-1/8 PDC				0.8'	6.1'	1.0'			3-1/2 REG	0.81	BAKER PDC 6.125 TD406FX				
Mud Motor	BICO MUD MTR				29.7'	5.0'	1.0'		3-1/2IF	3-1/2 REG	30.47	7/8 lobe 2.4 stg 1.5 true slick 0.26 rev/gal				
SUB	SHOCKMISER				3.3'	4.8'	2.4'		3-1/2IF	3-1/2IF	33.74	UBHO				
NMDC	NONMAG DC				30.7'	4.8'	2.7'		3-1/2IF	3-1/2IF	64.48	no mag drill collar				
NMDC	FLEX				30.5'	3.8'	2.7'		3-1/2IF	3-1/2IF	94.97	non mag flex collar				
SUB	XO				3.0'	4.9'	2.6'		XT39	3-1/2IF	98.01	cross over sub				
Total / Max / Min:					98.0'	6.1'	1.0'									
Drill String				Size	Weight	Grade	Connection	Jts in Hole	Length	Jts on Location	Total String Vol. (bbbls)				Loads Fresh Water Hauled	
DP (bottom)				4"	14.0	S135	XT39	261	8,212.57'	580					Vol. Fresh Water Hauled (bbbls)	
DP (middle)				4"	28.0	HWDP	XT39	30	922.30'	90					Loads Brine Water Hauled	
DP (top)				4"	14.0	S135	XT39	108	3,397.28'	580					Vol. Brine Water Hauled (bbbls)	
	Assumed Eff.	Type	Liner OD	Length	SPM	GPS	GPM	BPS	BPM	Pressure	SPR - Depth	SPR - SPM	SPR - PSI	Fuel Delivered in Last 24 Hrs (gal)		
Pump #1	95%	HHF1600	5.5	12	71	3.5	250	0.084	5.5	2,800	12,157'	40	1050	Total Fuel on Hand (gal)	10,304	
Pump #2	95%	HHF1600	5.5	12	0	3.5	0	0.084								
	OD	ID	Length w/Shoe		# of Jts	Weight	Grade	Depth Set	Thread	Date Set	Centralizers	TOC	Comments			
Conductor	20	19.124	95.00'		4	94	J-55	100.00'	WELD	03/18/17	0	0'	READY MIX TO SURFACE			
Surface	13 3/8	12.615	1,644.50'		39	54.5	J-55	1,642.00'	BTC	05/11/17	10	0'	205 BBL'S OF GOOD CEMENT TO SURFACE			
1st Intermediate	9 5/8	8.835	5,838.00'		137	40	HCL-40	5,840.00'	LT&C	05/17/17	10		100 BBL'S 1ST STAGE CEMENT TO SURFACE, 0 BBL'S 2ND STAGE			
2nd Intermediate	7"	6.261	10,543.00'		236	26	HCL-80	10,543.00'	LTC	05/25/17	0	0'	110 BBL BACK TO SURFACE ON STAGE #2			
Production																
Daily Cost Summary																
Code	Code Description					Carryover	Vendor			Item Description				Total Daily		
329	Company Consulting/Supv					Y	CD Consulting			Drill Site Supervision				\$1,650		
329	Company Consulting/Supv					Y	Tillman & Associates Consulting, LLC			Drill site supervision				\$1,650		
305	Drilling - Daywork					Y	Trinidad Drilling			Rig Day Rate				\$15,000		
333	Communications					Y	Infrastructure Networks			Communication , Internet & Phones				\$170		
343	Camps & Trailers					Y	Solid LiberyServices, LLC			Camp Trailers Offices Septic Water Tanks Trash Skid Generator				\$1,090		
331	Fluids					Y	Zia Fluids			Drilling Fluids Cost				\$3,035		
312	Tool & Equipment Rental					Y	Midland Safety and Health Sales			H2S Monitoring System				\$280		
312	Tool & Equipment Rental					Y	Cutter			Rothead Equip & Orbit Valve				\$120		
312	Tool & Equipment Rental					Y	Sprayberry Production Services LLC			Frac Tanks , Premix Tank, Trash Pumps				\$600		
312	Tool & Equipment Rental					Y	National Oilwell Varco, LP (TOTCO)			Totco EDR				\$300		
312	Tool & Equipment Rental					Y	Kenny Torres Welding Services			Flare Igniter				\$25		
310	Directional Services					Y	VON Directional Services			Directional Services				\$7,785		
312	Tool & Equipment Rental					Y	Johnson Specialty Tools			Oil Containment				\$200		
315	Mud Logging & Geologist					Y	Diversified Well Logging, LLC			Mud Logging				\$1,000		
312	Tool & Equipment Rental					Y	Weir Seaboard			Choke and Panel				\$100		
350	Environmental Services - Water/Mud Disposal					Y	National Oilwell Varco, LP (NOV Fluid Control)			Cuttings Dryer, Centrifuge ,trackhoe, screen washer, 3-cuttings boxes				\$2,600		
312	Tool & Equipment Rental					Y	J&W SERVICES			VBR's and spacer spool				\$3,705		
350	Environmental Services - Water/Mud Disposal						Classic Oilfield Services			OBM cuttings disposal				\$2,000		
331	Fluids						Omega Treating Chemicals Inc.			H2S scavenger				\$7,681		