

DRILLING REPORT

WELL: UL Guanella 05-17 1H										CONTRACTOR: Cactus										RIG: Cactus 139															
RPT DATE: June 18, 2017										SPUD DATE: 5/27/17					CASING			OD	WT	GRD	MD	TVD													
API #: 42475372150000										DFS: 22					Conductor			20	94	J-55	80														
										REPORT NO: 23					Surface			13-3/8	55	J-55	1,220														
FIELD: Phantom (Wolfcamp)										DOL: 27					Intermediate			10-3/4	46	J-55	5,000														
ELEV:										LAST BOP TEST: 6/14/17					Intermediate 2			7-5/8	30	HC-P110	10,809	10,797													
MD: 11,710										RKB:																									
TVD: 11,436																																			
24 HR FTG: 490										HRS DRLG: 15.5					CSGHD:																				
DRILLING FLUID																		SHOE TEST:																	
TIME	MW	FV	WL	3RPM	6RPM	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP																	
18:30	12.8	77.0	0.3	9	10		1	11	21	21	34	15	47,305			55.00	12.09	250.00																	
										REDUCED PUMP RATES																									
										PUMP			SPM			PRESS			DEPTH																
										#1			30			860			11,570																
										#2			30			835			11,570																
BIT DATA																																			
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN		OUT		FEET	HRS	WOB	RPM	ROP													
9		6.75		HDBS		HDBS, MMD63C		12826153		6x14's				11,220		11,710		490	15.5	25	235	32													
8		6.75		HDBS		HDBS, MMD63C		12858256		6x14's		N		10,834		11,220		386	12.0	30	238	32													
BIT NO.		8		INNER		1		OUTER		1		DULL		WT		LOC		ALL		SEAL		X		GAUGE		IG		OTHER		X		RP		DTF	
HYDRAULICS DATA																																			
PUMP		MAKE		MODEL		LINER		STK		SPM		PSI		GPM		GPS		EFF %		ECD		AV DP		AV DC		BIT HHP		PUMP HHP							
1		HHF		1600		6.000		12.000		51		4735		148		2.9106		95		13.89		279.9		299.6		24.7		1600							
2		HHF		1600		6.000		12.000		51		4735		149		2.9106		95		13.89		279.9		299.6		24.7		1600							
BHA																																			
DESCRIPTION:			6.75" Curve assembly, BHA #9																																
LENGTH			1,639.84				BHA WT. AIR				67,736				BHA WT. MUD				54,790				HRS. ON JARS												
ROT. WT.			210,000				P.U. WT.				240,000				S.O. WT.				190,000				TORQUE				7,500								
TIME MADE UP			06:30				DATE MADE UP				6/17/2017				TIME PULLED								DATE PULLED												
SURVEY DATA																																			
MD				ANGLE				AZIMUTH				TVD				N/S		COORDINATES				E/W		V. SECTION				DLS							
11,502				61.86				337.68				11,388				135.4		-21.0				135.9		11.7											
11,549				67.75				335.45				11,408				174.4		-37.9				178.0		13.3											
11,595				74.75				335.38				11,423				214.0		-56.0				221.1		15.2											
11,642				82.90				339.63				11,432				256.6		-73.6				266.9		19.5											
CONSUMABLES										DIESEL FUEL (gal) Rvcd/Used/On Hand:										DRILL H2O (gal) Rvcd/Used/On Hand:															
OPERATIONS TIME LOG																																			
FROM	TO	HRS	CODE															Start MD	End MD																
06:00	07:30	1.5	Trips	Change out MWD & Bit. Program & surface test MWD														11220	11220																
07:30	11:30	4.0	Trips	TIH to 7 5/8" shoe @ 10807'														11220	11220																
11:30	12:00	0.5	Other	Remove Trip Nipple & install Rotating Head element														11220	11220																
12:00	13:00	1.0	Cut off Drill Line	Slip & Cut 105' of drill line														11220	11220																
13:00	13:30	0.5	Lubricate Rig	Rig Service, Calibrate block height on EDS & Totco														11220	11220																
13:30	14:30	1.0	Trips	TIH F/10,798' to 11,220'														11220	11220																
14:30	06:00	15.5	Drilling	Drill 6.75" Build Section F/11,220' - 11,710' (490' @ 31.61 FPH) Rotate Ftg = 113' * Slide Ftg = 377' * Slide Hrs = 10.83 Rotate = WOB 25 * GPM 294 * SPP 4600 * Diff 410-500 psi * SPM 101 * TD RPM 28 Mtr RPM 235 * Total RPM 263 * Torq 7.5K Sliding = WOB 35 * GPM 297 * SPP 4735 * Diff 300 - 525 psi * SPM 102 -														11220	11710																