



# DRILLING REPORT

WELL: UL Guanella 05-17 1H		CONTRACTOR: Cactus				RIG: Cactus 139																							
RPT DATE: June 1, 2017		SPUD DATE: 5/27/17		CASING	OD	WT	GRD	MD	TVD																				
API #: 42475372150000		DFS: 5		Conductor	20	94	J-55	80																					
FIELD: Phantom (Wolfcamp)		REPORT NO: 6		Surface	13-3/8	55	J-55	1,220																					
ELEV:		DOL: 10																											
MD: 3,338		LAST BOP TEST: 5/25/17																											
TVD: 3,270																													
24 HR FTG: 1,231		HRS DRLG: 19.5		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											
18:00	9.8	27.0	100.0	1	1	7.0		1	1	1	1	175,000		0.01	0.20			2.34											
REDUCED PUMP RATES																													
PUMP				SPM				PRESS				DEPTH																	
#1																													
#2																													
BIT DATA																													
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN		OUT		FEET		HRS		WOB		RPM		ROP			
3		12.25		Ultera		U619S		33611		6x16				2,107		3,338		1,231		20.0		25		80		62			
BIT NO.		INNER		OUTER		DULL		LOC		SEAL		GAUGE		OTHER		RP													
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		71		1105		600		3.968		95		9.76		118		171		31.2		1600	
2		HHF		1600		6.000		12.000		71		1105		600		3.968		95		9.76		118		171		31.2		1600	
BHA																													
DESCRIPTION:		12 1/4" 1st Intermediate Section Run #2																											
LENGTH		463.61		BHA WT. AIR		60		BHA WT. MUD		60		HRS. ON JARS																	
ROT. WT.				P.U. WT.				S.O. WT.				TORQUE				12													
TIME MADE UP		05:00		DATE MADE UP		5/31/2017		TIME PULLED				DATE PULLED																	
SURVEY DATA																													
MD		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS													
2,900		1.85		152.57		2,892		-102.1		22.3		-104.3		0.2															
2,994		2.38		120.69		2,986		-104.5		24.7		-107.2		1.4															
3,090		2.52		114.52		3,082		-106.4		28.3		-110.0		0.3															
3,184		1.96		122.90		3,176		-108.1		31.5		-112.6		0.7															
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	07:00	1.0	Dir Work	P/U test joint and test MWD, Make up Bit and monel														2106	2106										
07:00	09:00	2.0	Trips	TIH TO/2,106'														2106	2106										
09:00	17:30	8.5	Drilling	Drill F/2,106' TO/2,775' ( 669' at 78.7 FPH ) WOB-25* Diff-120/220 * SPP-1947 psi* Torq-12* GPM-700* RPM-70* SLIDE- WOB-20* Diff-70/120* GPM-700*														2106	2775										
17:30	18:00	0.5	Lubricate Rig	Service TD, CHK Fluid Levels and Grease														2775	2775										
18:00	19:00	1.0	Cond Mud & Circ	Circ and work pipe while working on Mud Pump ( Suction was packed off ) Could not drill on one pump due to not achieving low end pump rate for motor with one mud pump. Worked pipe and pumped at 450 GPM Pumped Polly swell and 5 PPB Lcm sweeps while CIR														2775	2775										
19:00	06:00	11.0	Drilling	Drill 12.25 Section F/2,775' TO/ 3,338' ( 563' at 51' FPH ) WOB-25* Diff-146/220 * SPP- 1110 psi* Torq-11* GPM-700* RPM-70* Fighting losses through out, Pumping Polly Swell, Super Sweeps and LCM Sweeps Every Connection to aid in losses														2775	3338										
TOTAL HRS																													
24.0																													
WEATHER																													
GEN. CONDITIONS:		Intermittent Clouds		WIND SPEED:		10 MPH		WIND DIRECTION:		SE		TEMP:		65															
COMMENTS:																													
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