



DRILLING REPORT

WELL: UL Guanella 05-17 1H		CONTRACTOR: Cactus		RIG: Cactus 139																													
RPT DATE: June 3, 2017		SPUD DATE: 5/27/17		CASING		OD	WT	GRD	MD	TVD																							
API #: 42475372150000		DFS: 7		Conductor		20	94	J-55	80																								
FIELD: Phantom (Wolfcamp)		REPORT NO: 8		Surface		13-3/8	55	J-55	1,220																								
ELEV: MD: 5,015		RKB: TVD: 4,945		DOL: 12																													
LAST BOP TEST: 5/25/17																																	
24 HR FTG: 290		HRS DRLG: 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	9.6	28.0	100.0	1	1	7.0		1	1	1	1	140,000		0.01	0.20			4.07															
										REDUCED PUMP RATES																							
										PUMP		SPM		PRESS		DEPTH																	
										#1		30		160		3,720																	
										#2		30		190		3,720																	
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				4,725		5,015		290		5.5		40		40		53							
BIT NO. 3		INNER		1		OUTER		1		DULL		Chipped		LOC		Shoulder		SEAL				GAUGE		IG		OTHER		N/A		RP		TD	
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		2250		600		3.968		95		9.6		118		171		78		1600					
2		HHF		1600		6.000		12.000		71		2250		600		3.968		95		9.6		118		171		78		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.		200		P.U. WT.		215		S.O. WT.		175		TORQUE		13																			
TIME MADE UP		05:00		DATE MADE UP		5/31/2017		TIME PULLED		17:00		DATE PULLED		6/2/2017																			
SURVEY DATA																																	
MD		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS																	
4,700		2.74		117.17		4,691		-133.8		80.6		-151.0		0.3																			
4,794		2.65		114.61		4,785		-135.7		84.6		-154.0		0.2																			
4,889		2.50		115.17		4,879		-137.5		88.4		-156.8		0.2																			
4,955		2.40		116.74		4,945		-138.7		91.0		-158.7		0.2																			
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	11:00	5.0	Drilling	Drilling 12.25" First Intermediate Section F/ 4,725' T/ 5,015' (290' at 58 FPH) WOB- 38-42K" Diff- 260/350 Psi* Torque-14-15K" RPM-40" SPP-2250-2350 Psi * GPM- 600 * Attempting to manage losses throughout interval by pumping 50 BBL LCM sweep and a 20 BBL Poly Swell sweep every connection												4725	5015																
11:00	13:00	2.0	Cond Mud & Circ	Pump sweep and circ. hole clean prior to short trip												5015	5015																
13:00	15:00	2.0	Trips	Make short trip f/ 5,015' back to old hole @ 2,100' (Hole slick)												5015	5015																
15:00	17:00	2.0	Cond Mud & Circ	Pump 40 BBL Sweep and Cir BTU												5015	5015																
17:00	19:00	2.0	Trips	Pump Slug , TOOH TO/1,077' (Cont fill through kill line). Hole would not stay full												5015	5015																
19:00	19:30	0.5	Lubricate Rig	Service TD and CHK fluid levels												5015	5015																
19:30	21:00	1.5	Trips	TOOH F/ 1,077' To/BHA (Cont fill through kill line). Hole Taking fluid												5015	5015																
21:00	22:00	1.0	Dir Work	Lay out monel, Swap MWD tool, Drain and break bit, Lay out motor (Trying to fill back side while laying out BHA) Hole would not fill												5015	5015																
22:00	22:30	0.5	Other	Pull Wear Bushing												5015	5015																
22:30	01:00	2.5	Run Csg & Cement	Rig up CSG Crew and Held Safety Meeting - Make up Shoe track and test												5015	5015																
01:00	03:00	2.0	Run Csg & Cement	Run 10.75" casing, but hit bridge at 1,979'. Filled on the fly topping off every 30 Joints- Pumping down the back side while running in through trip tank												5015	5015																
03:00	06:00	3.0	Run Csg & Cement	Worked CSG to get through bridge (6BBL/MIN* 15- RPM* Torque set at 5,500" at 1,979'. Flow at 6bbl/min) - cannot work past bridge. At 0530 hrs decision made to lay down casing and go in with conventional iron to clean up hole												5015	5015																
TOTAL HRS		24.0																															
WEATHER																																	
GEN. CONDITIONS:		Mostly Cloudy		WIND SPEED:		7 MPH		WIND DIRECTION:		ESE		TEMP:		66																			
COMMENTS:																																	
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