

DRILLING REPORT

WELL: UL Guanella 05-17 1H										CONTRACTOR: Cactus										RIG: Cactus 139				
RPT DATE: June 7, 2017										SPUD DATE: 5/27/17					CASING			OD	WT	GRD	MD	TVD		
API #: 42475372150000										DFS: 11					Conductor			20	94	J-55	80			
										REPORT NO: 12					Surface			13-3/8	55	J-55	1,220			
FIELD: Phantom (Wolfcamp)										DOL: 16					Intermediate			10-3/4	46	J-55	5,000			
ELEV:										LAST BOP TEST: 5/25/17														
MD: 7,832										TVD: 7,728														
24 HR FTG: 962										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	8.9	29.0	100.0	1	1	7.0		1	1	1	1		90,000	0.01	0.25		3.55							
												REDUCED PUMP RATES												
												PUMP		SPM		PRESS		DEPTH						
												#1		30		110		7,135						
#2		30		100		7,135																		
BIT DATA																								
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP				
4		9.88		Baker		T505FX		7911263		7x12				6,870	7,832	962	19.0	28	80	51				
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		85		2969		350	3.968	95	9.36	236	278	60.9	1600			
2		HHF		1600		6.000		12.000		85		2969		350	3.968	95	9.36	236	278	60.9	1600			
BHA																								
DESCRIPTION:		9.875" 2st Intermediate Section Run #1																						
LENGTH		468.42		BHA WT. AIR		68,005		BHA WT. MUD		68,005		HRS. ON JARS												
ROT. WT.		255		P.U. WT.		300		S.O. WT.		215		TORQUE		15										
TIME MADE UP		14:00		DATE MADE UP		6/4/2017		TIME PULLED				DATE PULLED												
SURVEY DATA																								
MD		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS								
7,455		0.52		327.41		7,445		-156.2		69.6		-169.5		0.5										
7,549		0.52		59.62		7,539		-155.7		69.8		-169.0		0.8										
7,644		1.48		73.64		7,634		-155.1		71.3		-168.9		1.0										
7,739		0.73		48.81		7,729		-154.4		73.0		-168.6		0.9										
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	17:00	11.0	Drilling	Rot/Slide 9.875" Hole F/ 6,870' TO/7,606" (736" at 69.9' FPH) WOB-30" GPM-700" Diff-165/200" Torque-15" RPM-60" Slide- WOB-30" SPP- 2861" GPM-700"												6870	7606							
17:00	17:30	0.5	Lubricate Rig	Service Rig- Chk Fluids in TD and Grease												7606	7606							
17:30	21:30	4.0	Drilling	Rot/Slide 9.875" Hole F/7,606' To/7,733 (127" at 31.75' FPH) WOB-30" GPM-700" Diff-145/200" Torque-15" RPM-60" Slide- WOB-30" SPP- 2861" GPM-700"												7606	7733							
21:30	22:00	0.5	Lubricate Rig	Rig Service												7733	7733							
22:00	22:30	0.5	Drilling	Drill F/7,733' TO/7,737' (Swab went out on Mud Pump)												7733	7737							
22:30	23:00	0.5	Cond Mud & Circ	Cir hole while changing out Swab on mud pump 60- RPM* 450-GPM* (Can not drill on one pump due to gpm)												7737	7737							
23:00	23:30	0.5	Drilling	Rot/Slide 9.875" Hole F/7,737' To/7,750' (13' at 26' FPH) WOB-30" GPM-650" TORQ-14" DIFF- 130/200" (Drilling on 2 gens due to 3rd not starting)												7737	7750							
23:30	00:00	0.5	Repair Rig	Rig Down due to Changing out diesel filters on Diesel Tank (Rig does not have a by-pass to change on the fly)												7750	7750							
00:00	03:30	3.5	Drilling	Rot/Slide 9.875" Hole F/ 7,750' TO/7,832' (82" at 23.4' ' FPH) WOB-30" GPM-700" Diff-50/130" Torque-15" RPM-60" Slide- WOB-35" SPP- 2807" GPM-700" DIFF- 10/90" (2.5 Hr Slides)												7750	7832							
03:30	04:00	0.5	Cond Mud & Circ	Cir BTU, & pump slug before TOO H for bit/mtr 700-GPM* 80-RPM* Working 60"												7832	7832							
04:00	06:00	2.0	Trips	TOOH F/ 7,832' T/6000' (Trip sheet utilized- Filling hole with Trip Tank)												7832	7832							