



DRILLING REPORT

WELL: UL Guanella 05-17 1H				CONTRACTOR: Cactus				RIG: Cactus 139																					
RPT DATE: June 5, 2017				SPUD DATE: 5/27/17				CASING		OD	WT	GRD	MD	TVD															
API #: 42475372150000				DFS: 9				Conductor		20	94	J-55	80																
FIELD: Phantom (Wolfcamp)				REPORT NO: 10				Surface		13-3/8	55	J-55	1,220																
ELEV: 5,375				DOL: 14				Intermediate		10-3/4	46	J-55	5,000																
MD: 5,375				LAST BOP TEST: 5/25/17																									
24 HR FTG: 360				HRS DRLG: 9.5				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	27.0	100.0	1	1	7.0		1	1	1	1	92,000		0.01	0.20		2.45												
														REDUCED PUMP RATES															
														PUMP		SPM		PRESS		DEPTH									
														#1		30		180		5,143									
														#2		30		175		5,143									
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				5,015		360		6.0		28		80		60					
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		84		2730		700		3.968		95		8.9		236		287		60.9		1600	
2		HHF		1600		6.000		12.000		84		2730		700		3.968		95		8.9		236		287		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.		210		P.U. WT.		240		S.O. WT.		180		TORQUE														14			
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													
4,955		2.40		116.74		4,945		-138.0		92.9		-158.5		0.2															
5,083		2.36		114.33		5,073		-140.3		97.7		-162.0		0.1															
5,178		1.70		107.10		5,168		-141.5		100.9		-164.1		0.7															
5,273		0.18		115.73		5,263		-142.0		102.3		-164.9		1.6															
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	Cond Mud & Circ	Cont. circulating 1.5 casing volumes @ 10 bbl/min.											5015	5015													
07:00	08:30	1.5	Cond Mud & Circ	Cont. circulating casing at reduced rate of 4 bbl/min while waiting on fresh water trucks to arrive at rig due to chlorides in water tanks being to high											5015	5015													
08:30	12:00	3.5	Run Csg & Cement	Cement 10.75" 45.5 lb./ft. CSG, Test lines to 2500 PSI, Pumped a 20BBL Gel Spacer, 390 BBL/770 Sacks of 11.0 ppg lead cement, 58 BBL/240 Sacks of 14.8 ppg tail, Displace w/ 476.5 BBLs of 9.3 ppg brine water, Slow rate at 460 BBLs, Bump plug at 1,300 PSI 500 PSI over, Floats Held Bled Back 2 Bbls. (No returns thru out cement job)											5015	5015													
12:00	13:30	1.5	Other	Lay out landing Joint and set Packer											5015	5015													
13:30	14:00	0.5	Other	Install Wear Bushing											5015	5015													
14:00	15:30	1.5	Dir Work	Pick up Intermediate Section #2 BHA, Test MWD and make up Bit											5015	5015													
15:30	18:30	3.0	Trips	TIH TO/ 4,943' (Tagged Cement) Filling DP every 30 Stands											5015	5015													
18:30	19:00	0.5	Other	Test CSG at 1500 PSI For 30/Min											5015	5015													
19:00	22:00	3.0	Drilling	Drill out Cement , Shoe track and 10' of new formation to 5,025' (20-RPM* 10-WOB* 350-GPM*)											5015	5025													
22:00	22:30	0.5	Cond Mud & Circ	Cir hole clean of cuttings before FIT Test (FIT test to 12 PPGE at 803 Psi- OMW- 8.9)											5025	5025													
22:30	05:00	6.5	Drilling	ROT/Slide 9.875 Hole F/5,025' To/ 5,375' (350 at 58 FPH) WOB-28 * 150-300- DIFF* 80- RPM* 700-GPM* 14-Torque* 2720- SPP* Slide- WOB-20* 700-GPM* 60/150- Diff *											5025	5375													
05:00	06:00	1.0	Cond Mud & Circ	Change out Swab on Mud Pump (Could not drill on one pump due to GPM, Cir Hole at 420 GPM while working pipe)											5375	5375													
TOTAL HRS 24.0																													
WEATHER																													
GEN. CONDITIONS:		Mostly Clear		WIND SPEED:		6 MPH		WIND DIRECTION:		N		TEMP:		68															
COMMENTS:																													
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