

DRILLING REPORT

WELL: UL Guanella 05-17 1H						CONTRACTOR: Cactus								RIG: Cactus 139				
RPT DATE: June 17, 2017						SPUD DATE: 5/27/17				CASING		OD	WT	GRD	MD	TVD		
API #: 42475372150000						DFS: 21				Conductor		20	94	J-55	80			
						REPORT NO: 22				Surface		13-3/8	55	J-55	1,220			
FIELD: Phantom (Wolfcamp)						DOL: 26				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: 11,200						TVD: 11,192												
24 HR FTG: 366						HRS DRLG: 12				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	12.5	73.0	5.0	9	10		1	11	19	20	160	12	47,166			57.00	14.05	250.00
										REDUCED PUMP RATES								
										PUMP		SPM		PRESS		DEPTH		
										#1		30		220		9,871		
										#2		30		220		9,871		
BIT DATA																		
NO.		SIZE		MAKE		TYPE		SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP	
8		6.75		HDBS		HDBS, MMD63C		12858256	6x14's		10,834	11,220	386	12.0	30		32	
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	51	4800	148	2.9106	95		291.2	272	22.2	1600	
2	HHF			1600		6.000	12.000	51	4800	148	2.9106	95		291.2	272	22.2	1600	
BHA																		
DESCRIPTION:		6.75" Curve assembly, BHA #8																
LENGTH		1,639.84		BHA WT. AIR		67,736		BHA WT. MUD		54,790		HRS. ON JARS		7,000				
ROT. WT.		210,000		P.U. WT.		240,000		S.O. WT.		190,000		TORQUE						
TIME MADE UP		04:00		DATE MADE UP		6/16/2017		TIME PULLED				DATE PULLED						
SURVEY DATA																		
MD		ANGLE		AZIMUTH		TVD		N/S	COORDINATES		E/W	V. SECTION	DLS					
11,035		17.30		346.37		11,021		-115.1	69.6			-130.0	7.2					
11,082		18.73		344.13		11,065		-101.0	65.9			-115.4	3.4					
11,128		21.63		338.47		11,108		-86.0	60.7			-99.6	7.6					
11,175		25.02		339.52		11,152		-68.7	54.1			-81.1	7.3					
CONSUMABLES				DIESEL FUEL (gal) Rcvd/Used/On Hand:				DRILL H2O (gal) Rcvd/Used/On Hand:										
OPERATIONS TIME LOG																		
FROM	TO	HRS	CODE											Start MD	End MD			
06:00	10:30	4.5	Trips	RIH from 2525' to TD @ 10834' filling pipe every 30 stds										10834	10834			
10:30	11:30	1.0	Other	Circ / Cond @ 10834'. Perform FIT with 900 psi for EMW of 14.0 ppg using 12.4 ppg mud										10834	10834			
11:30	23:30	12.0	Drilling	Drill 6.75" Build Curve Section F/10,834' - 11,220' (386' @ 32.17 FPH) Rotate Ftg = 149' * Slide Ftg = 237' * Slide Hrs = 7.94 Rotate = WOB 30 * GPM 298 * SPP 4900 * Diff 500 - 630 psi * SPM 102 * TD RPM 25 Mtr RPM 238 * Total RPM 263 * Torq 7K Sliding = WOB 28 * GPM 298 * SPP 4590 * Diff 350 - 500 psi * SPM 102 -										10834	11220			
23:30	00:30	1.0	Dir Work	Troubleshoot gamma sensor on MWD tool. (Gamma failure), Decision was made to TOOH for new MWD tool.										11220	11220			
00:30	01:30	1.0	Cond Mud & Circ	Circ. B/U while building slug, flow check (well static), pump slug										11220	11220			
01:30	06:00	4.5	Trips	TOOH F/11,220' to BHA for MWD tool failure. Using trip tank to fill hole, trip sheet utilized.										11220	11220			
TOTAL HRS		24.0																
WEATHER																		
GEN. CONDITIONS:		Clear		WIND SPEED:		8 MPH		WIND DIRECTION:		SE		TEMP:		76				
COMMENTS:		Forecast: Sunny, High of 112F, Winds WSW @ 5-10 MPH																
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