

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus					RIG:		Cactus 137	
RPT DATE: June 25, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD
		API #:	42475372300000	DFS: 32		Conductor		20		106		106
				REPORT NO: 33		Surface		13-3/8	55	J-55	1,030	1,029
FIELD: Phantom (Wolfcamp)				DOL: 37		Intermediate		10-3/4	46	J-55	4,959	4,927
ELEV:		RKB:		LAST BOP TEST: 6/15/17		Intermediate		7-5/8	30	2-110HC	11,198	11,165
MD: 16,399		TVD: 11,436										
24 HR FTG: 1,363		HRS DRLG: 18		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
16:00	13.2	70.0	1.0	5	6			8	14	17	24	11	239,888				7,400	56.00	5.83	250.00

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1	70	2,320	14,715
#2	70	2,360	14,715

BIT DATA																																	
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN		OUT		FEET		HRS		WOB		RPM		ROP							
13		6.75		Security		MM64DM		12910401		6X14				15,036		16,399		1,363		18.0		20		.87		76							
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	Hong Hua	HHF 1600	5.000	12.000	51	5550	150	2.906	95					
2	Hong Hua	HHF 1600	5.000	12.000	51	5550	150	2.906	95					

BHA							
DESCRIPTION:	Lateral bha						
LENGTH	16,399.00	BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.	220	P.U. WT.	320	S.O. WT.	150	TORQUE	11,000
TIME MADE UP	23:00	DATE MADE UP	6/24/2017	TIME PULLED		DATE PULLED	

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
16,136	93.20	259.50	11,447	-1,657.7	-4,387.6		4,690.3	0.7
16,230	94.40	259.00	11,441	-1,675.2	-4,479.8		4,782.8	1.4
16,329	91.50	257.80	11,436	-1,695.1	-4,576.6		4,880.4	3.2
16,399	91.50	257.80	11,434	-1,709.9	-4,645.0		4,949.6	

CONSUMABLES	DIESEL FUEL (gal) Rvcd/Used/On Hand:	DRILL H2O (gal) Rvcd/Used/On Hand:
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OPERATIONS TIME LOG

FROM	TO	HRS	CODE		Start MD	End MD
06:00	17:30	11.5	Drilling	Drill Lateral F/15036' T/ 15,940	15036	15940
17:30	18:00	0.5	Lubricate Rig	Rig Service	15940	15940
18:00	00:30	6.5	Drilling	Drill 6.75 Lateral section from 15,940' to 16,399' TD (72 rpm, 15-20k wght on bit, 291 gpm, torque 12-13, pump pressure on bottom 5550psi, off bottom 4900psi) Total drilled 888' Rotated 623', Slide 265' 30.5' Below / 1' right	15940	16399
00:30	05:30	5.0	Cond Mud & Circ	Circulate Clean up cycle pump 1st sweep brought back 50% increase in cuttings, 2nd sweep brought back no increase in cuttings, shakers are clean, spot beads flow check, pump slug	16399	16399
TOTAL HRS		23.5				

TOTAL HRS		200								
WEATHER										
GEN. CONDITIONS:		Partly cloudy	WIND SPEED:		14	WIND DIRECTION:		E	TEMP:	79
COMMENTS:										