

## DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus					RIG: Cactus 137			
RPT DATE: June 22, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD
		API #:	42475372300000		DFS: 29		Conductor	20			106	106
				REPORT NO: 30		Surface	13-3/8	55	J-55	1,030	1,029	
FIELD: Phantom (Wolfcamp)				DOL: 34		Intermediate	10-3/4	46	J-55	4,959	4,927	
ELEV:			RKB:		LAST BOP TEST: 6/15/17		Intermediate	7-5/8	30	P-110HC	11,198	11,165
MD:		13,872	TVD:		11,512							
24 HR FTG:		1,216	HRS DRLG:		23.5		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
16:00	13.3	67.0	2.0	6	7			9	15	17	28	10	230,973				7,800	54.50	6.22	250.00

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1	50	1,355	13,311
#2	50	1,500	13,311

BIT DATA																													
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM		ROP								
12		6.75		Security		MM54D		12865544		5-16				12,656	13,872	1,216	23.5	20			52								
BIT NO.				INNER				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										
2	Hong Hua	HHF 1600	5.000	12.000	101	5000	293	2.906	95					

BHA							
DESCRIPTION:	Drill curve						
LENGTH	13,872.00	BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.		P.U. WT.		S.O. WT.		TORQUE	18,000
TIME MADE UP	23:30	DATE MADE UP	6/17/2017	TIME PULLED		DATE PULLED	

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
13,424	86.10	253.90	11,496	-904.4	-1,795.7		1,998.9	3.9
13,517	85.60	250.00	11,503	-933.2	-1,883.9		2,091.5	4.2
13,611	86.50	247.90	11,509	-966.9	-1,971.4		2,185.3	2.4
13,704	88.90	247.90	11,513	-1,001.8	-2,057.5		2,278.2	2.6

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

[illegible]

TOTAL HRS	24.0							
WEATHER								
GEN. CONDITIONS:	Partly cloudy	WIND SPEED:	8	WIND DIRECTION:	ENE	TEMP:	83	
COMMENTS:								