

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus				RIG:		Cactus 137	
RPT DATE: June 4, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	TVD
		API #:	42475372300000	DFS: 11		Conductor		20		106	106
				REPORT NO: 12		Surface		13-3/8	55	J-55	1,030
FIELD: Phantom (Wolfcamp)				DOL: 16		Intermediate		10-3/4	46	J-55	4,959
ELEV:		RKB:		LAST BOP TEST: 5/23/17							
MD: 9,822		TVD:	9,790								
24 HR FTG: 749		HRS DRLG:	13	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	HTHR
16:00	9.2	33.0	120.0	4	5	9.6	1	6	7	7	3	7	64,000		0.25	0.40	8,000		2.83	
												REDUCED PUMP RATES								
												PUMP		SPM		PRESS		DEPTH		
												#1		70		770		8,747		
												#2		70		770		8,747		

BIT DATA																			
NO.		SIZE	MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP
7		9.88	Security		MM55DC		12854764		7x12				9,073	9,822	749	13.0	38	67	58
6		9.88	Security		MM55DC		987577		7X12s		N		8,756	9,073	317	5.5	35	67	58
BIT NO.	6	INNER	1	OUTER	3	DULL	CT	LOC	SH	SEAL		GAUGE	IN	OTHER	WT	RP	ROP		

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	6.000	12.000	91	4000	375	4.186	95					
2	Hong Hua	HHF 1600	6.000	12.000	91	4000	375	4.186	95					

BHA							
DESCRIPTION:	9.875 Intermediate 2 Section						
LENGTH	9,822.00	BHA WT. AIR	284,551	BHA WT. MUD	245,018	HRS. ON JARS	
ROT. WT.	280	P.U. WT.	400	S.O. WT.	210	TORQUE	28
TIME MADE UP	11:30	DATE MADE UP	6/3/2017	TIME PULLED		DATE PULLED	

SURVEY DATA		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS	
9,452		1.60		348.80		9,419		-289.3		300.9		-180.2		0.6			
9,547		1.70		336.70		9,514		-286.7		300.1		-180.4		0.4			
9,641		1.50		324.40		9,608		-284.4		298.8		-180.0		0.4			
9,735		1.00		291.70		9,702		-283.1		297.4		-179.1		0.9			

CONSUMABLES	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:		Clear skies		WIND SPEED:		4	
				WIND DIRECTION:		NNE	
COMMENTS:				TEMP:		64	