

## DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus				RIG:		Cactus 137	
RPT DATE: June 2, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	TVD
		API #:	42475372300000	DFS: 9		Conductor		20			106
				REPORT NO: 10		Surface		13-3/8	55	J-55	1,030
FIELD: Phantom (Wolfcamp)				DOL: 14		Intermediate		10-3/4	46	J-55	4,959
ELEV:		RKB:		LAST BOP TEST: 5/23/17							
MD: 8.372		TVD:	8.340								
24 HR FTG: 853		HRS DRLG:	12.5	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	HTH
18:00	9.1	32.0	120.0	4	5	8.9	1	6	7	7	3	6	49,000		0.10	0.20	5,200		3.57	
												REDUCED PUMP RATES								
												PUMP		SPM		PRESS		DEPTH		
												#1		70		740		7,993		
												#2		70		760		7,993		

BIT DATA																	
NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP				
5	9.88	Ulterra	U513S	35568	7X12s		8,088	8,372	284	4.0	33	67	71				
4	9.88	Security	Security MM55DC	12770077	7X11s	N	7,519	8,088	569	8.5	30	63	67				
BIT NO.	4	INNER	1	OUTER	2	DULL	CT	LOC	G	SEAL	X	GAUGE	n Gauge	OTHER	NO	RP	DTF

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	90	4100	375	4.186	95					
2	Hong Hua	HHF 1600	6.000	12.000	90	4100	375	4.186	95					

BHA							
DESCRIPTION:	9.875 Intermediate 2 Section						
LENGTH	8,372.00	BHA WT. AIR	284,551	BHA WT. MUD	245,018	HRS. ON JARS	
ROT. WT.	240	P.U. WT.	370	S.O. WT.	180	TORQUE	22
TIME MADE UP	22:00	DATE MADE UP	6/1/2017	TIME PULLED	16:30	DATE PULLED	6/1/2017

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
7,943	0.60	94.30	7,910	-279.4	300.3		-183.1	0.2
8,032	0.40	118.90	7,999	-279.7	300.9		-183.6	0.3
8,126	0.60	95.50	8,093	-279.9	301.7		-184.2	0.3
8,221	0.80	121.90	8,188	-280.3	302.7		-185.1	0.4

<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	240
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WEATHER							
GEN. CONDITIONS:	Clear skies	WIND SPEED:	9	WIND DIRECTION:	E	TEMP:	69