

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus					RIG: Cactus 137			
RPT DATE: May 26, 2017		API #: 42475372300000		SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD
				DFS: 2		Conductor		20			106	106
				REPORT NO: 3		Surface		13-3/8	55	J-55	1,030	1,029
FIELD: Phantom (Wolfcamp)				DOL: 7								
ELEV:		RKB:		LAST BOP TEST: 5/23/17								
MD: 1,941		TVD: 1,938										
24 HR FTG: 896		HRS DRLG: 9		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
18:00	10.0	29.0	120.0	1	1	8.5	1	1	1	1	1	1	154,000		0.05	0.10	2,000		2.38	

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1			
#2			

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
2	12.25	Ulterra	PDC	34845	7x16's		1,045	1,941	896	9.0	42		100

BIT NO.		INNER		OUTER		DULL		LOC		SEAL		GAUGE		OTHER		RP	
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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	94		415	4.186	95					
2	Hong Hua	HHF 1600	6.000	12.000	94		415	4.186	95					

BHA

DESCRIPTION:	12.25 Intermediate 1 Section						
LENGTH	1,941.00	BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.	125	P.U. WT.	130	S.O. WT.	120	TORQUE	10
TIME MADE UP	19:00	DATE MADE UP	5/25/2017	TIME PULLED		DATE PULLED	

SURVEY DATA	
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MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
1,517	8.10	122.30	1,515		13.5	15.7	-18.9	3.0
1,609	9.80	113.30	1,606		7.0	28.4	-29.2	2.4
1,701	8.10	128.90	1,697		-0.2	40.6	-38.9	3.2
1,793	11.90	108.00	1,788		-7.2	54.7	-50.4	5.7

CONSUMABLES

OPERATIONS TIME LOG

[illegible]

	TOTAL HRS
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WEATHER			
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GEN. CONDIT