

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus				RIG:		Cactus 137		
RPT DATE: June 12, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD
		API #:	42475372300000	DFS: 19		Conductor		20			106	106
				REPORT NO: 20		Surface		13-3/8	55	J-55	1,030	1,029
FIELD: Phantom (Wolfcamp)				DOL: 24		Intermediate		10-3/4	46	J-55	4,959	4,927
ELEV:		RKB:		LAST BOP TEST: 5/23/17		Intermediate		7-5/8	30	2-110HC	11,198	11,165
MD: 13,330		TVD: 13,295										
24 HR FTG: 996		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	13.5	73.0	6.0	7	8			12	18	19	29	14	36,000				20,000	56.20	7.59	250.00

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1			
#2	50	1,650	13,155

BIT DATA

NO.	SIZE	MAKE		TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP			
10	6.75	Security		MM64D	12918352	6-14		12,412	13,330	918	26.5	20	114	35			
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										
2	Hong Hua	HHF 1600	5.000	12.000	86	3700	248	2.906	95					

BHA

DESCRIPTION:	Pilot Hole						
LENGTH	13,330.00	BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.		P.U. WT.		S.O. WT.		TORQUE	18,000
TIME MADE UP	09:00	DATE MADE UP	6/8/2017	TIME PULLED		DATE PULLED	

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
12,921	2.00	5.40	12,887	-257.0	256.6		-150.0	0.6
13,015	1.90	11.20	12,981	-253.8	257.0		-151.6	0.2
13,108	1.80	15.40	13,073	-250.9	257.7		-153.2	0.2
13,202	1.90	7.60	13,167	-248.0	258.3		-154.8	0.3

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

FROM	TO	HRS	CODE		Start MD	End MD
06:00	16:00	10.0	Drilling	Drill Pilot hole f/12,412 - 12781' (369@ 37' fph)	12412	12781
16:00	16:30	0.5	Lubricate Rig	Rig Service	12781	12781
16:30	06:00	13.5	Drilling	Drill pilot hole f/ 12,781'- 13,330' (549'@41 fph)	12781	13330
TOTAL HRS		24.0				

WEATHER

WEATHER							
GEN. CONDITIONS:	Clear	WIND SPEED:	12-17 MPH	WIND DIRECTION:	SSE	TEMP:	79
COMMENTS:	103? forecast						