



# DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus					RIG:		Cactus 137	
RPT DATE: June 17, 2017				SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD
		API #:	42475372300000	DFS: 24		Conductor		20			106	106
				REPORT NO: 25		Surface		13-3/8	55	J-55	1,030	1,029
FIELD:		Phantom (Wolfcamp)		DOL: 29		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:		TVD:										
24 HR FTG:		HRS DRLG:		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	13.7	103.0	18.0	8	9			12	19	20	35	16	35,000				4,000	54.00	9.18	250.00
												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													
11		6.75		Security		MM64D		12918352		6-14				10,856	10,950	94	1.0	24		94													
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	85	2561	248	2.906	95						

BHA															
DESCRIPTION:		Drill out cement													
LENGTH		13,385.00			BHA WT. AIR			BHA WT. MUD			HRS. ON JARS				
ROT. WT.					P.U. WT.			S.O. WT.			TORQUE			18,000	
TIME MADE UP		23:00			DATE MADE UP			6/15/2017			TIME PULLED			DATE PULLED	

SURVEY DATA															
MD		ANGLE		AZIMUTH		TVD		N/S	COORDINATES		E/W	V. SECTION		DLS	

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	06:30	0.5	Cond Mud & Circ	Circulate bottoms up.	10950	10950
06:30	11:00	4.5	Trips	POOH F/10950' (TOC) T/Bit Clean Rig Floor	10950	10950
11:00	13:00	2.0	Trips	Held safety meeting P/U Whipstock assembly.Test HI-Lo Bypass valve.Scribe whipstock with UBHO. Achieved a safe circulating rate of 130 GPM max on bypass valve.	10950	10950
13:00	19:30	6.5	Trips	TIH W/Whipstock F/74' T/ Trip speed reduced T/2 minutes per stand.	10950	10950
19:30	00:00	4.5	Wire Line Logs	Rig up and run Gyro data to orientate whip-stock, Set at 249° azm. Rig down same	10950	10950
00:00	01:00	1.0	Dir Work	Screw in to drill string, start pumping setting whip stock mechanically, set with 2500 PSI, Push pull test 20K up and down, Shear off whip-stock at 245K up stroke.	10800	10800
01:00	06:00	5.0	Dir Work	Begin milling window in casing, AT 10800' to 10810'	10800	10810