DRILLING REPORT

WELL:	UL Fremont 38-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 137	
RPT DATE:	June 10, 2017			SPUD DATE:	5/24/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372300000	DFS:	17	Conductor	20			106	106
				REPORT NO:	18	Surface	13-3/8	55	J-55	1,030	1,029
FIELD:	Phantom (Wolfcamp)			DOL:	22	Intermediate	10-3/4	46	J-55	4,959	4,927
ELEV:		RKB:		LAST BOP TEST:	5/23/17	Intermediate	7-5/8	30	P-110HC	11,198	11,165
MD:	12,334	TVD:	12,300								
24 HR FTG:	781	HRS DRLG:	17	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	13.3	66.0	14.0	5	6			9	13	14	26	10	16,000				10,000	56.10	6.89	250.00

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1	70	820	
#2	70	700	

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
9	6.75	Security	MM64D	12374659	6-14		11,553	12,334	781	17.0	25	133	46

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	100	4100	293	2.906	95					

BHA

DESCRIPTION:	Pilot Hole						
LENGTH	12,334.00	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
11,990	1.10	306.50	11,956	-271.6	259.8		-147.9	0.5
12,080	1.00	324.80	12,046	-270.4	258.7		-147.3	0.4
12,173	0.40	312.60	12,139	-269.6	258.0		-146.9	0.7
12,267	0.80	91.70	12,233	-269.4	258.4		-147.4	1.2

CONSUMABLES	DIESEL FUEL (gal) Rvcd/Used/On Hand:		DRILL H2O (gal) Rcvd/Used/On Hand:

OPERATIONS TIME LOG

FROM	TO	HRS	CODE		Start MD	End MD
06:00	14:30	8.5	Drilling	Drill Pilot Hole f /11,553'- 12,034' (481@ 56fph) 4000 psi, 700 diff,20 wob,70 rot, 300 gpm,11k torq	11553	12034
14:30	15:00	0.5	Drilling	Rig Service	12034	12034
15:00	17:00	2.0	Drilling	Drill Pilot Hole f /12,034'- 12,126' (92'@ 46fph) 4000 psi, 700 diff,20 wob,70 rot, 300 gpm,11k torq	12034	12126
17:00	23:00	6.0	Cond Mud & Circ	Circulate, while waiting on Totco tec. Lost communication with all work stations on location and rig floor. Found issue in tool pushers house. (Main Totco Computer). Changed out.	12126	12126
23:00	03:00	4.0	Drilling	Drill Pilot Hole f /12,126'- 12,195' (69'@ 18fph) 4300 psi, 700 diff,20 wob,70 rot, 290 gpm,10.5k torq	12126	12195
03:00	04:00	1.0	Dir Work	Recycle pump, re log gamma from 12,148' to 12,195'	12195	12195
04:00	06:00	2.0	Drilling	Drill Pilot Hole f /12,195'- 12,334' (139'@ 69.5fph) 4450 psi, 00 diff,20 wob,70 rot, 290 gpm,10.5k torq	12195	12334
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Clear	WIND SPEED:	7-12 MPH	WIND DIRECTION:	SSE	TEMP:	75
COMMENTS:	For cast high of 105						