DRILLING REPORT

WELL:	UL Fremont 38-17 1H			**CONTRACTOR:**	Cactus				**RIG:**	Cactus 137	
RPT DATE:	June 15, 2017			**SPUD DATE:**	5/24/17	**CASING**	**OD**	**WT**	**GRD**	**MD**	**TVD**
		API #:	42475372300000	**DFS:**	22	Conductor	20			106	106
				REPORT NO:	23	Surface	13-3/8	55	J-55	1,030	1,029
FIELD:	Phantom (Wolfcamp)			**DOL:**	27	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:		**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	13.6	87.0	4.0					12	197	20	31	14	52,000				20,000	57.50	4.05	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		13,385	13,385			24		

BIT NO.	10	INNER	2	OUTER	2	DULL	CT	LOC	SH	SEAL		GAUGE	IN	OTHER	WT	RP	TD

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										

BHA

DESCRIPTION:	conditioning run						
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	6/13/2017	TIME PULLED	13:00	DATE PULLED	6/14/2017

SURVEY DATA

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

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	10:30	4.5	Cond Mud & Circ	Circulate while waiting on cement lab results 75 spm no losses	13385	13385
10:30	13:00	2.5	Run Csg & Cement	PJSM with cementers on setting 1st plug. test lines to 4000 psi good test. pump 20 bbls of MPE @ 15.5 PPG, Pump truck went down 60 bbls into displacement. Swap over to rig finish displacement 107 bbls pumped with rig.	13385	13385
13:00	13:30	0.5	Trips	P.O.O.H from 13364' to 12,448'	13385	13385
13:30	14:30	1.0	Cond Mud & Circ	Drop wiper ball, circulate surface to surface	13385	13385
14:30	16:30	2.0	Cond Mud & Circ	Continute circulating while waiting on second pump truck.	13385	13385
16:30	18:30	2.0	Run Csg & Cement	Pump second plug 20 bbls pf MPE @ 15.5 ppg, 33 bbls (162 sks) of 15.6 cement type H, 10 bbls MPE, displace with 140 OBM	13385	13385
18:30	19:00	0.5	Trips	P.O.O.H from 12,448' to 11602'	13385	13385
19:00	20:00	1.0	Cond Mud & Circ	Drop wiper ball circulate surface to surface	13385	13385
20:00	21:30	1.5	Run Csg & Cement	Pump third plug 20 bbls pf MPE @ 15.5 ppg, 33 bbls (162 sks) of 15.6 cement type H, 10 bbls MPE, displace with 130 OBM Reorted to TRRC operator #2 (Audrey)	13385	13385
21:30	22:00	0.5	Trips	P.O.O.H from 11,602' to 10,756'	13385	13385
22:00	23:30	1.5	Cond Mud & Circ	Circulate surface to surface plus 1500 more strokes	13385	13385
23:30	06:00	6.5	Trips	P.O.O.H, came wet, pump slug. last 20 stands of dp had 3/16" cement on outside of pipe. Power wash off	13385	13385
TOTAL HRS		**24.0**				

WEATHER

GEN. CONDITIONS:	Clear	**WIND SPEED:**	9-14 MPH	**WIND DIRECTION:**	SE	**TEMP:**	75
COMMENTS:	106? forecast						