

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus				RIG: Cactus 137	
RPT DATE: June 5, 2017				SPUD DATE: 5/24/17		CASING	OD	WT	GRD
		API #:	42475372300000	DFS: 12	Conductor	20			106
				REPORT NO: 13	Surface	13-3/8	55	J-55	1,030
FIELD: Phantom (Wolfcamp)				DOL: 17	Intermediate	10-3/4	46	J-55	4,959
ELEV:		RKB:		LAST BOP TEST: 5/23/17					
MD:	10.073	TVD:	10.041						
24 HR FTG:	251	HRS DRLG:	3.5	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	9.2	31.0	120.0	2	3	10.8	1	3	5	5	3	4	70,000		0.40	0.60	8,000	0.50	2.59	

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1	70	770	8,747
#2	70	770	8,747

BIT DATA																				
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP
8		9.88		Security		MM55DC		12606076		7x12				9,822	10,073	251	4.0	35	67	63
7		9.88		Security		MM55DC		12854764		7x12		N		9,073	9,822	749	13.0	38	67	58
BIT NO.	7	INNER	3	OUTER	1	DULL	WT	LOC	Nose	SEAL	N/A	GAUGE	IN	OTHER	CT	RP	DTF			

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	91	3950	375	4.186	95					
2	Hong Hua	HHF 1600	6.000	12.000	91	3950	375	4.186	95					

BHA						
DESCRIPTION:	9.875 Intermediate 2 Section					
LENGTH	10,073.00	BHA WT. AIR	284.551	BHA WT. MUD	245,018	HRS. ON JARS
ROT. WT.	280	P.U. WT.	400	S.O. WT.	210	TORQUE
TIME MADE UP	11:30	DATE MADE UP	6/3/2017	TIME PULLED	DATE PULLED	28

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
9,735	1.00	291.70	9,702	-283.1	297.4		-179.1	0.9
9,826	1.10	293.30	9,793	-282.5	295.8		-177.9	0.1
9,925	0.80	7.10	9,892	-281.4	295.0		-177.5	1.2
10,020	1.70	25.60	9,987	-279.5	295.7		-178.8	1.0

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	10:30	4.5	Trips	TOOH F/ 9,000' - Surface, Lay down motor,MWD, and bit	9822	9822
10:30	13:00	2.5	Trips	Make up motor, install MWD, test same, make up Security MM55DC, TIH to 4,900'	9822	9822
13:00	14:30	1.5	Cut off Drill Line	Slip/Cut Drill line, perform 10 point calibration on EDS	9822	9822
14:30	15:00	0.5	Lubricate Rig	Rig Service, Change out Grabber dies on Top Drive	9822	9822
15:00	17:00	2.0	Trips	Trip in hole from 4956' to 9822', Fill pipe, unable to get both pumps up to correct GPM, troubleshoot	9822	9822
17:00	17:30	0.5	Cond Mud & Circ	Fill pipe unable to get both pumps up to correct GPM trouble shoot #2 generator	9822	9822
17:30	19:30	2.0	Repair Rig	work on Rig Savers on #2 generator	9822	9822
19:30	23:00	3.5	Drilling	Drill 9.875" intermediate 2 section from 9822' - 10,073 ' (3850psi,200 dif, 35 wob, 50 rot, 67 bit rpm, 750 gpm, 25-28k torq,) Pumping 20bbl wellbore strengthening sweep on every connection.	9822	10073
23:00	23:30	0.5	Lubricate Rig	Rig service trouble shoot #1 mud pump traction motor	10073	10073
23:30	00:00	0.5	Cond Mud & Circ	Circulate build slug and pump same	10073	10073
00:00	02:30	2.5	Trips	Trip out of hole from 10,073' to 4900'	10073	10073
02:30	04:30	2.0	Repair Rig	Work on #1 mud pump traction motor while monitoring well on trip tank Replace brushes on B traction motor on #1 mud pump	10073	10073
04:30	06:00	1.5	Trips	Trip in hole from 4900' to 9000'	10073	10073
TOTAL HRS		24.0				

WEATHER							
GEN. CONDITIONS:	Partly cloudy	WIND SPEED:	5	WIND DIRECTION:	NNE	TEMP:	72
COMMENTS:							