

DRILLING REPORT

WELL: UL Fremont 38-17 1H				CONTRACTOR: Cactus				RIG: Cactus 137	
RPT DATE: June 8, 2017		API #: 42475372300000		SPUD DATE: 5/24/17		CASING		OD	WT
				DFS: 15		Conductor		20	
				REPORT NO: 16		Surface		13-3/8	55
				DOL: 20		Intermediate		10-3/4	46
FIELD: Phantom (Wolfcamp)				LAST BOP TEST: 5/23/17		Intermediate		7-5/8	30
ELEV: 11,200		RKB: 11,165							
MD: 11,200		TVD: 11,165							
24 HR FTG: 11,200		HRS DRLG: 11,165		CSGHD: 11,165					

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	9.5	30.0	120.0	1	2	8.5	1	3	3	3	2	2	12,000			0.01		10,400	0.50	2.10			
												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
8		9.88		Security		MM55DC		12606076		7x12				10,073	11,200	1,127	16.0	35		67	70
BIT NO.	8		INNER	1	OUTER	2	DULL	CT	LOC	SH	SEAL	N/A	GAUGE	IN	OTHER	WT	RP	TD			

[illegible]

BHA							
DESCRIPTION:							
LENGTH		BHA WT. AIR		BHA WT. MUD		HRS. ON JARS	
ROT. WT.		P.U. WT.		S.O. WT.		TORQUE	
TIME MADE UP		DATE MADE UP		TIME PULLED		DATE PULLED	

[illegible]

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

FROM	TO	HRS	CODE		Start MD	End MD
06:00	07:30	1.5	Cond Mud & Circ	Circulate 1.5 times casing volume	11200	11200
07:30	13:30	6.0	Cond Mud & Circ	Circulate, Wait on Schlumberger Bulk truck and cement	11200	11200
13:30	14:30	1.0	Run Csg & Cement	PJSM, Rig down CRT, Rig up cementing head	11200	11200
14:30	18:30	4.0	Run Csg & Cement	Pump 1st Stage cement job pressure test lines 1000 low 5000 high, pump 20bbl 10.8 spacer, pump 317 bbls lead cement 11.9ppg, pump 33bbls tail cement 13.2ppg. Drop plug pump 510bbls of displacement, bump plug hold 500psi over check floats, bled back 2.75 bbls, dropped opening bomb, pressure up on bomb open DV tool @ 726 psi pump 20bbls with Schlumberger swap over to rig.	11200	11200
18:30	22:30	4.0	Cond Mud & Circ	Circulate through DV tool got 45 bbls cement back to surface	11200	11200
22:30	01:00	2.5	Run Csg & Cement	Start pumping 2nd stage of cement, 20 bbl spacer, 508 sx, 197 bbls, #11.9 lead, 50 sx, 12 bbl, #14.8, Tail cement, Displace 238 bbl, brine bump plug 1100psi, hold 1500 psi over for 5 minutes, release psi, 2 bbls back floats held Full returns, Obbls cement returns, rig down cementers	11200	11200
01:00	03:30	2.5	Run Csg & Cement	Back off landing joint, install pack off, test to 5000 psi, good test. Witnessed by Gilbert Vargas Set dogs and tighten gland nuts. Lay down landing joint. Start cleaning mud tanks for OBM.	11200	11200
03:30	04:00	0.5	Other	Install wear bushing	11200	11200
04:00	06:00	2.0	Other	Change out saver sub, elevators, die blocks. prepare for 4.5" dp. Continue cleaning mud tanks	11200	11200
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Cloudy	WIND SPEED:	9-14 MPH	WIND DIRECTION:	SE	TEMP:	74
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COMMENTS: