



DRILLING REPORT

WELL: UL Fremont 38-17 1H		CONTRACTOR: Cactus		RIG: Cactus 137														
RPT DATE: June 1, 2017		SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD								
API #: 42475372300000		DFS: 8		Conductor		20			106	106								
FIELD: Phantom (Wolfcamp)		REPORT NO: 9		Surface		13-3/8	55	J-55	1,030	1,029								
ELEV: RKB: TVD: 7,487		DOL: 13		Intermediate		10-3/4	46	J-55	4,959	4,927								
MD: 7,519		LAST BOP TEST: 5/23/17																
24 HR FTG: 2,475		HRS DRLG: 23.5		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
18:00	9.1	31.0	120.0	2	3	9.5	1	4	5	5	3	4	43,000	0.05	0.15	3,200		2.87
										REDUCED PUMP RATES								
										PUMP		SPM		PRESS		DEPTH		
										#1		70		700		5,905		
										#2		70		720		5,905		
BIT DATA																		
NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP					
4	9.88	Security	Security MM55DC	127770077	7X11s		5,044	7,519	2,475	23.5	30	63	105					
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	6.000	12.000	91	3800	382	4.186	95									
2	Hong Hua	HHF 1600	6.000	12.000	93	3800	382	4.186	95									
BHA																		
DESCRIPTION:		9.875 Intermediate 2 Section																
LENGTH		7,519.00	BHA WT. AIR				BHA WT. MUD				HRS. ON JARS							
ROT. WT.		240	P.U. WT.		370		S.O. WT.		180		TORQUE		22					
TIME MADE UP		03:00	DATE MADE UP		5/31/2017		TIME PULLED				DATE PULLED							
SURVEY DATA																		
MD	ANGLE	AZIMUTH		TVD	N/S	COORDINATES		E/W	V. SECTION	DLS								
7,090	1.00	190.10		7,057		-273.6		298.4	-183.3	0.2								
7,185	0.70	188.20		7,152		-275.0		298.1	-182.6	0.3								
7,279	0.80	197.50		7,246		-276.2		297.9	-182.0	0.2								
7,374	0.40	185.70		7,341		-277.2		297.6	-181.4	0.4								
CONSUMABLES		DIESEL FUEL (gal) Rcvd/Used/On Hand:				DRILL H2O (gal) Rcvd/Used/On Hand:												
OPERATIONS TIME LOG																		
FROM	TO	HRS	CODE								Start MD	End MD						
06:00	13:30	7.5	Drilling	Drill 5,044'- 5,904' (860' @ 115 fph) 3,800 psi, 200 dif, 28 wob, 65 rot, 70 bit rpm, 780 gpm, 20k torq,							5044	5904						
13:30	14:00	0.5	Lubricate Rig	Service Rig & Top Drive							5904	5904						
14:00	06:00	16.0	Drilling	Drill 9.875 intermediate 2 section from 5904'- 7519' (3,800 psi, 200 dif, 30 wob, 60 rot, 70 bit rpm, 780 gpm, 20k torq.) Pumping 20bbl wellbore strengthening sweep on every connection. Total drilled 2475' Rotated 2415', Slide 60' 38' Behind / 37' Right 62' from section line							5904	7519						
TOTAL HRS												24.0						
WEATHER																		
GEN. CONDITIONS:		Partly cloudy		WIND SPEED:		12		WIND DIRECTION:		ESE		TEMP:		68				
COMMENTS:																		
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