



DRILLING REPORT

WELL: UL Fremont 38-17 1H		CONTRACTOR: Cactus		RIG: Cactus 137																
RPT DATE: June 3, 2017		SPUD DATE: 5/24/17		CASING		OD	WT	GRD	MD	TVD										
API #: 42475372300000		DFS: 10		Conductor		20			106	106										
FIELD: Phantom (Wolfcamp)		REPORT NO: 11		Surface		13-3/8	55	J-55	1,030	1,029										
ELEV: 9,073		DOL: 15		Intermediate		10-3/4	46	J-55	4,959	4,927										
MD: 9,073		RKB: 9,041		LAST BOP TEST: 5/23/17																
TVD: 9,041																				
24 HR FTG: 701		HRS DRLG: 12.5		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	9.2	33.0	120.0	6	7	9.5	1	9	10	10	3	9	56,000	0.25	0.40	5,600		2.48		
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							
6	9.88	Security	MM55DC	987577	7X12s		8,756	9,073	317	5.5	35	67	58							
5	9.88	Ulterra	U513S	35568	7X12s	N	8,372	8,756	384	11.0	33	67	35							
BIT NO. 5		INNER 8		OUTER 8		DULL 8		RO	LOC	M	SEAL	X	GAUGE	n Gauge	OTHER	NO	RP	PR		
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	93	3850	375	4.186	95											
2	Hong Hua	HHF 1600	6.000	12.000	93	3850	375	4.186	95											
BHA																				
DESCRIPTION:		9.875 Intermediate 2 Section																		
LENGTH		9,073.00		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		22						
TIME MADE UP		20:00		DATE MADE UP		6/2/2017		TIME PULLED		15:00		DATE PULLED		6/2/2017						
SURVEY DATA																				
MD		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS				
8,694		0.80		184.30		8,661		-287.1		307.7		-187.3		0.7						
8,787		0.60		209.30		8,754		-288.2		307.4		-186.7		0.4						
8,882		0.80		247.90		8,849		-288.9		306.5		-185.6		0.5						
8,977		0.90		262.50		8,944		-289.2		305.2		-184.2		0.3						
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	11:00	5.0	Drilling	Drill 8,372'-8670' (3850psi,200 dif, 35 wob, 50 rot, 67 bit rpm, 750 gpm, 20-25k torq,)										8372	8670					
11:00	11:30	0.5	Cond Mud & Circ	Hold safety stand down meeting with Felix rep, rig manager, Cactus superintendent on hand placement										8670	8670					
11:30	12:30	1.0	Drilling	Drill from 8670' to 8750' (3850psi,200 dif, 35 wob, 50 rot, 67 bit rpm, 750 gpm, 20-25k torq,)										8670	8750					
12:30	13:00	0.5	Lubricate Rig	Rig Service										8750	8750					
13:00	13:30	0.5	Drilling	Drill from 8750' to 8754' (3850psi,200 dif, 35 wob, 50 rot, 67 bit rpm, 750 gpm, 20-25k torq,)										8754	8754					
13:30	14:00	0.5	Cond Mud & Circ	Change out swab on #2 mud pump										8754	8754					
14:00	14:30	0.5	Drilling	Drill from 8754' to 8756' Rop dropped off decission was made to trip out										8756	8756					
14:30	15:00	0.5	Cond Mud & Circ	Circulate build slug and pump same										8756	8756					
15:00	18:30	3.5	Trips	Trip out of hole from 8756' to 95'										8756	8756					
18:30	19:00	0.5	Trips	Lay down mwd tool, bit and motor										8756	8756					
19:00	20:00	1.0	Trips	Make up new motor and scribe, install mwd tool, test make up bit										8756	8756					
20:00	00:00	4.0	Trips	Trip in hole from 95' to 8756' filling pipe every 30 stands										8756	8756					
00:00	05:30	5.5	Drilling	Drill 9.875 intermediate 2 section from 8756'-9073' (3850psi,200 dif, 35 wob, 50 rot, 67 bit rpm, 750 gpm, 20-25k torq,) Pumping 20bbl wellbore strengthening sweep on every connection. Total drilled 701' Rotated 672', Slide 29' 33' Behind / 27' Right 57' from section line										8756	9073					
05:30	06:00	0.5	Cond Mud & Circ	Circulate build slug due to low rop										9073	9073					
TOTAL HRS		24.0																		
WEATHER																				
GEN. CONDITIONS:		Clear skies		WIND SPEED:		6		WIND DIRECTION:		NE		TEMP:		66						
COMMENTS:																				
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