



DRILLING REPORT

WELL: UL Guanella 05-17 1H										CONTRACTOR: Cactus										RIG: Cactus 139		
RPT DATE: June 19, 2017										SPUD DATE: 5/27/17					CASING		OD	WT	GRD	MD	TVD	
API #: 42475372150000										DFS: 23					Conductor		20	94	J-55	80		
										REPORT NO: 24					Surface		13-3/8	55	J-55	1,220		
FIELD: Phantom (Wolfcamp)										DOL: 28					Intermediate		10-3/4	46	J-55	5,000		
ELEV: MD: 11,908 RKB: TVD: 11,441										LAST BOP TEST: 6/14/17					Intermediate 2		7-5/8	30	IC-P110	10,809	10,797	
24 HR FTG: 198 HRS DRLG: 4.5										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				
18:30	12.5	77.0	0.1	7	8		1	11	21	21	33	16	282,868			56.00	11.71	250.00				
										REDUCED PUMP RATES				PUMP		SPM	PRESS	DEPTH				
										#1		30	860	11,570								
										#2		30	835	11,570								
BIT DATA																						
NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP									
10	6.75	Baker Hughes	TD405FX	7161024	4x16, 1x14		11,734	11,908	174	4.0	25	201	44									
9	6.75	HDBS	HDBS, MMD63C	12826153	6x14's	N	11,220	11,710	490	15.5	25	235	32									
BIT NO.	9	INNER	3	OUTER	1	DULL	CT	LOC	N - C	SEAL	X	GAUGE	I	OTHER	WT	RP	BHA					
HYDRAULICS DATA																						
PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP								
1	HHF	1600	6.000	12.000	50	4940	145	2.9106	95				24.2	1600								
2	HHF	1600	6.000	12.000	50	4940	146	2.9106	95				24.2	1600								
BHA																						
DESCRIPTION:		6.75" Lateral assembly, BHA #10, Run #1																				
LENGTH		7,107.68		BHA WT. AIR		160,644		BHA WT. MUD		129,940		HRS. ON JARS										
ROT. WT.		215,000		P.U. WT.		215,000		S.O. WT.		190,000		TORQUE		11,000								
TIME MADE UP		20:00		DATE MADE UP		6/18/2017		TIME PULLED				DATE PULLED										
SURVEY DATA																						
MD		ANGLE		AZIMUTH		TVD		N/S		COORDINATES		E/W		V. SECTION		DLS						
11,689		86.76		340.83		11,436		300.6		-89.4		313.6		8.6								
11,728		85.77		339.99		11,439		337.3		-102.5		352.5		3.3								
11,821		90.28		340.68		11,442		424.8		-133.7		445.2		4.9								
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	06:30	0.5	Drilling	Drill from 11,710' to landing point of curve @ 11,734'										11710	11734							
06:30	09:30	3.0	Cond Mud & Circ	Circulate sweeps throughout well @ 11,734'										11734	11734							
09:30	10:30	1.0	Trips	Monitor well, Static. Make wiper trip to 7-5/8" csg shoe @ 10807'. No fill while TIH										11734	11734							
10:30	12:00	1.5	Cond Mud & Circ	Circulate sweep throughout well @ 11,734'										11734	11734							
12:00	17:00	5.0	Trips	Monitor well. Static. Pump slug & TOH from 11,734' to Directional BHA										11734	11734							
17:00	19:00	2.0	Dir Work	L/D BHA # 9, P/U BHA # 10 -SperryDrill 5" Motor: 6/7 Lobe, 8.8 Stage, 0.68 RPG, Set @ 1.75° FBH, 6.65' Bit to bend -Scribe: 136/534=91.69° -Sensor off-sets: Bit to SVY-53.98', Bit to Gamma-58.96'										11734	11734							
19:00	19:30	0.5	Dir Work	Surface test MWD tool w/out bit										11734	11734							
19:30	20:30	1.0	Dir Work	L/D test jnt, cont. to P/U BHA #10: -Make up TD405FX drill bit, Reamer, 2x NMDC's & X-O										11734	11734							
20:30	01:30	5.0	Trips	TIH F/surface to 11,734', filling pipe every 30 stands										11734	11734							
01:30	02:00	0.5	Lubricate Rig	Rig Service, Troubleshoot mud pumps. Drill ahead w/one pump until fixed (291 GPM) Garbage found under suction valve on #1 mud pump - Recommend suction screens										11734	11734							
02:00	06:00	4.0	Drilling	Drill 6.75" Lateral Section F/11,734' - 11,908' (174' @ 43.5 FPH) Rotate Ftg = 141' * Slide Ftg = 33' * Slide Hrs = 1.35 Rotate = WOB 25 * GPM 290 * SPP 4940 * Diff 430-530 psi * SPM 100 * TD RPM 70 Mtr RPM 201 * Total RPM 271 * Torq 11K Sliding = WOB 30 * GPM 296 * SPP 4500 * Diff 250 - 300 psi * SPM 102										11734	11908							
TOTAL HRS 24.0																						
WEATHER																						
GEN. CONDITIONS:		Partly Cloudy		WIND SPEED:		11 MPH		WIND DIRECTION:		NE		TEMP:		79								
COMMENTS:		Forecast: Cloudy, a stray shower possible, High ~96F, Winds ENE @ 10-15 MPH																				
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