



WELL: UL Urad 1609-21 1H										CONTRACTOR: Cactus										RIG: Cactus 129									
RPT DATE: June 26, 2017										SPUD DATE: 5/28/17					CASING			OD	WT	GRD	MD	TVD							
API #: 42495338430000										DFS: 29					Conductor			20	94	J-55	110	110							
										REPORT NO: 30					Surface			13-3/8	55	J55	1,105	1,105							
FIELD: Phantom (Wolfcamp)										DOL: 35					Intermediate			10-3/4	46	J-55	5,090	5,065							
ELEV: 2,807		RKB:		31						LAST BOP TEST: 6/18/17					Intermediate			7-5/8	30	P110HC	11,695	11,669							
MD: 20,030		TVD: 12,159																											
24 HR FTG: 1,027		HRS DRLG: 23.5		CSGHD: 2,807																									
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											
15:00	13.8	59.0		5	6		2	8	17	21	25	11	64,000			53.00	7.79	2.00											
											REDUCED PUMP RATES																		
											PUMP			SPM			PRESS			DEPTH									
											#1			30			930			19,757									
											#2			30			930			19,757									
BIT DATA																													
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP									
12		6.75		Baker Hughes		TD 405 FX		7911133		5X18				19,003	20,030	1,027	23.5	30	246	44									
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		Gardner Denver		PXL		5.500		11.000				5000		284		.0768		95		14.94		272.1		185.3		9		981	
2		Gardner Denver		PXL		5.500		11.000		86		5000		284		.0768		95		14.94		272.1		185.3		9		981	
BHA																													
DESCRIPTION:				1.75 Deg FBH Lateral Assembly																									
LENGTH				13,735.48				BHA WT. AIR				201,907				BHA WT. MUD				161,834				HRS. ON JARS					
ROT. WT.				220,000				P.U. WT.				290,000				S.O. WT.				180,000				TORQUE				15,000	
TIME MADE UP				15:00				DATE MADE UP				6/18/2017				TIME PULLED								DATE PULLED					
SURVEY DATA																													
MD				ANGLE				AZIMUTH				TVD				N/S		COORDINATES				E/W		V. SECTION				DLS	
19,610				92.71				346.37				12,135				7,044.7		-1,936.0				7,305.8		0.6					
19,704				90.52				344.58				12,132				7,135.6		-1,959.6				7,399.7		3.0					
19,798				89.48				344.20				12,132				7,226.1		-1,984.9				7,493.7		1.2					
19,892				91.11				344.30				12,132				7,316.6		-2,010.4				7,587.7		1.7					
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		17:30		11.5		Drilling		Drilled with 6 3/4" bit fr/ 19003' to 19,510' Rotate: WOB 28 * PP 5100 psi * SPM 71* GPM 285 * Diff 700 * T.D RPM 70 * TORQ 14-15K * MM RPM 243 * Total RPM 313 Slide: WOB 30 * PP 4550 psi * SPM 88 * GPM 290 * Diff 300 * MM RPM 246 Rotate Hrs: 7.75 Ftg: 437' Slide Hrs: 3.75 Ftg: 70' (14%) Received target change from Robert Therman @ 09:42, target line 12,122' Inc 89.8°										19003		19510									
17:30		18:00		0.5		Lubricate Rig		Rig Service										19510		19510									
18:00		06:00		12.0		Drilling		Drilled Lateral 19,510' - 20,030' (520' 41 fph) Rotate: WOB 24 * PP 5000 psi * SPM 86* GPM 284 * Diff 700 * T.D RPM 70 * TORQ 14-15K * MM RPM 242 * Total RPM 312 Slide: WOB 38 * PP 4900 psi * SPM 91 * GPM 299 * Diff 110 * MM RPM 254 Rotate Hrs: 9.17 Ftg: 429' Slide Hrs: 5.83 Ftg: 91' (18.57%)										19510		20030									