



WELL: UL Urad 1609-21 1H										CONTRACTOR: Cactus										RIG: Cactus 129									
RPT DATE: June 16, 2017										SPUD DATE: 5/28/17					CASING			OD	WT	GRD	MD	TVD							
API #: 42495338430000										DFS: 19					Conductor			20	94	J-55	110	110							
										REPORT NO: 20					Surface			13-3/8	55	J55	1,105	1,105							
FIELD: Phantom (Wolfcamp)										DOL: 25					Intermediate			10-3/4	46	J-55	5,090	5,065							
ELEV:		2,807		RKB:		31		LAST BOP TEST: 5/29/17					Intermediate			7-5/8	30	P110HC	11,695	11,669									
MD:		14,480		TVD:		12,292																							
24 HR FTG:		1,303		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	13.1	68.0		5	6		2	8	15	20	23	11							53.00	4.46	2.20								
												REDUCED PUMP RATES																	
												PUMP		SPM		PRESS		DEPTH											
												#1		30		860		14,181											
												#2		30		740		14,181											
BIT DATA																													
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP									
9		6.75		HDBS		MMD64DM		12910400		6x14				13,177	14,480	1,303	23.5	30,000	231	55									
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	103	5200	340	3.29	97	14.71	362	299	30.9	862											
2	Gardner Denver			PXL			5.500	11.000				3.29	97																
BHA																													
DESCRIPTION:			1.75 Deg FBH Lateral Assembly																										
LENGTH			9,004.98			BHA WT. AIR			201,907			BHA WT. MUD			161,834			HRS. ON JARS											
ROT. WT.			230,000			P.U. WT.			265,000			S.O. WT.			190,000			TORQUE			12,000								
TIME MADE UP			12:30			DATE MADE UP			6/14/2017			TIME PULLED						DATE PULLED											
SURVEY DATA																													
MD			ANGLE			AZIMUTH			TVD			N/S		COORDINATES			E/W	V. SECTION		DLS									
14,125			93.05			344.60			12,309			1,799.7		-381.4				1,836.0		2.8									
14,220			93.55			343.71			12,303			1,890.9		-407.3				1,930.8		1.1									
14,314			90.59			341.70			12,300			1,980.6		-435.3				2,024.7		3.8									
14,408			93.08			346.41			12,297			2,070.9		-461.1				2,118.6		5.7									
CONSUMABLES				DIESEL FUEL (gal) Rvcd/Used/On Hand:																DRILL H2O (gal) Rvcd/Used/On Hand:									
OPERATIONS TIME LOG																													
FROM	TO	HRS	CODE																Start MD	End MD									
06:00	21:30	15.5	Drilling	Drill 6.75" Lateral Section 13,177' - 14,086' (909' @ 59 FPH) Rotate: WOB 25 * PP 4800 psi * SPM 100 * GPM 329 * Diff 600 - 700 * T.D RPM 70 * TORQ 9 - 10K * MM RPM 223 * Total RPM 293 Slide: WOB 45 * PP 4500 psi * SPM 100 * GPM 329 * Diff 300 - 400 * MM RPM 223 ((Target Change: 12,346' KBTV D (0' VS) @ 91.1 DEG INC.))															13177	14086									
21:30	22:00	0.5	Lubricate Rig	Rig Service															14086	14086									
22:00	06:00	8.0	Drilling	Drill 6.75" Lateral Section 14,086' - 14,480' (394' @ 49 FPH) Rotate: WOB 25 * PP 5200 psi * SPM 103 * GPM 340 * Diff 500 - 600 * T.D RPM 70 * TORQ 10 - 12K * MM RPM 231 * Total RPM 301 Slide: WOB 45 * PP 4600 psi * SPM 103 * GPM 340 * Diff 300 - 400 * MM RPM 231 24 hr. Total: Rotating Hrs: 20 Ftg: 1168' Slide Hrs: 4 Ftg: 135'															14086	14480									