



WELL: UL Urad 1609-21 1H										CONTRACTOR: Cactus										RIG: Cactus 129									
RPT DATE: June 18, 2017										SPUD DATE: 5/28/17					CASING			OD	WT	GRD	MD	TVD							
API #: 42495338430000										DFS: 21					Conductor			20	94	J-55	110	110							
										REPORT NO: 22					Surface			13-3/8	55	J55	1,105	1,105							
FIELD: Phantom (Wolfcamp)										DOL: 27					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:		15,123		TVD:		12,275																							
24 HR FTG:		557		HRS DRLG:		15.5		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									
14:00	13.2	65.0		5	6		2	7	15	19	24	10	68,000					56.00	4.03	1.80									
												REDUCED PUMP RATES																	
												PUMP			SPM			PRESS			DEPTH								
												#1			30			860			15,021								
												#2			30			840			15,021								
BIT DATA																													
NO.		SIZE		MAKE		TYPE		SER NO.		NOZZLES		RE-RUN		IN	OUT	FEET	HRS	WOB	RPM	ROP									
10		6.75		HDBS		MMD64DM		12908851		6x16				14,566	15,123	557	15.5	30,000	187	36									
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	92	4700	302	3.29	97	14.9	299	327	18.3	795											
2	Gardner Denver			PXL			5.500	11.000				3.29	97																
BHA																													
DESCRIPTION:			1.75 Deg FBH Lateral Assembly																										
LENGTH			13,702.99			BHA WT. AIR			201,907			BHA WT. MUD			161,834			HRS. ON JARS											
ROT. WT.			230,000			P.U. WT.			275,000			S.O. WT.			185,000			TORQUE			12,000								
TIME MADE UP			19:00			DATE MADE UP			6/16/2017			TIME PULLED			00:01			DATE PULLED			6/18/2017								
SURVEY DATA																													
MD			ANGLE			AZIMUTH			TVD			N/S		COORDINATES			E/W	V. SECTION			DLS								
14,784			89.88			341.11			12,286			2,437.6		-538.1			2,492.5			2.7									
14,878			93.14			339.92			12,284			2,526.2		-569.4			2,586.3			3.7									
14,972			92.56			339.73			12,279			2,614.3		-601.8			2,679.9			0.7									
15,067			90.77			339.60			12,276			2,703.4		-634.8			2,774.5			1.9									
CONSUMABLES				DIESEL FUEL (gal) Rvcd/Used/On Hand:																DRILL H2O (gal) Rcvd/Used/On Hand:									
OPERATIONS TIME LOG																													
FROM	TO	HRS	CODE															Start MD	End MD										
06:00	16:30	10.5	Drilling	Drill 6.75" Lateral Section 14,566' - 14,928' (362' @ 34 FPH)  Rotate: WOB 28 - 35 * PP 4600 psi * SPM 92 * GPM 300 * Diff 500 - 700 * T.D RPM 70 * TORQ 12 -14K * MM RPM 187 * Total RPM 257 Slide: WOB 45 * PP 4300 psi * SPM 92 * GPM 302 * Diff 300 - 400 * MM RPM 187  (( Target Change: 12,375' KBTVD (0' VS) @ 92.4 DEG INC. ))														14566	14928										
16:30	17:00	0.5	Lubricate Rig	Rig Service - Greased Crown														14928	14928										
17:00	22:00	5.0	Drilling	Drill 6.75" Lateral Section 14,928' - 15,123' (195' @ 39 FPH)  Rotate: WOB 30 * PP 4700 psi * SPM 92 * GPM 302 * Diff 500 - 700 * T.D RPM 70 * TORQ 12 -14K * MM RPM 187 * Total RPM 257 Slide: WOB 45 * PP 4300 psi * SPM 92 * GPM 302 * Diff 300 - 400 * MM RPM 231  24 hr Total: Rotate Hrs: 9.5 Ftg: 422' Slide Hrs: 6 Ftg: 135' ROP: 36 FPH Avg														14928	15123										
22:00	00:00	2.0	Cond Mud & Circ	Pump & Circ 70 bbl Sweep out - clear shakers - flow check (static) - pump slug														15123	15123										
00:00	06:00	6.0	Trips	TOOH to BHA (slick) * Monitor fill-ups on trip tank *														15123	15123										