

DRILLING REPORT

WELL: UL Urad 1609-21 1H				CONTRACTOR: Cactus					RIG:		Cactus 129	
RPT DATE: June 24, 2017				SPUD DATE: 5/28/17		CASING		OD	WT	GRD	MD	TVD
		API #:	42495338430000	DFS: 27		Conductor		20	94	J-55	110	110
				REPORT NO: 28		Surface		13-3/8	55	J55	1,105	1,105
FIELD: Phantom (Wolfcamp)				DOL: 33		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: 18,759		TVD:	12,285									
24 HR FTG: 65		HRS DRLG:	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
14:30	13.5	61.0		5	6		2	7	18	26	29	11	74.000						55.00	8.41	2.00

	REDUCED PUMP RATES			
	PUMP	SPM	PRESS	DEPTH
	#1	30	1,000	186.958
	#2	30	1,000	18.695

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		6X18				18,759																					
11		6.75		Baker Hughes		TD 405 FX		7161315		1x14, 4x16		N		18,694		18,759		65		5.0		30,000		235		13									
BIT NO.		11		INNER		1		OUTER		2		DULL		WT		LOC		S		SEAL		N/A		GAUGE		I		OTHER		CT		RP		PR	

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		5345	346	.0768	95	14.67	272.1	400.1	22.3	981
2	Gardner Denver	PXL	5.500	11.000	105	5345	346	.0768	95	14.67	272.1	400.1	22.3	981

BHA							
DESCRIPTION:	1.50 Deg FBH Lateral Assembly						
LENGTH	13,708.86	BHA WT. AIR	201.907	BHA WT. MUD	161.834	HRS. ON JARS	
ROT. WT.	215.000	P.U. WT.	290.000	S.O. WT.	225.000	TORQUE	15.000
TIME MADE UP	15:00	DATE MADE UP	6/18/2017	TIME PULLED	04:00	DATE PULLED	6/24/2017

[illegible]

CONSUMABLES	DIESEL FUEL (gal) Rcvd/Used/On Hand:	DRILL H2O (gal) Rcvd/Used/On Hand:
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[illegible]

TOTAL HRS	24.0	
WEATHER		

GEN. CONDITIONS:	Mostly Cloudy	WIND SPEED:	1	WIND DIRECTION:	N	TEMP:	77
COMMENTS:							