

DRILLING REPORT

WELL: UL Urad 1609-21 1H				CONTRACTOR: Cactus					RIG: Cactus 129				
RPT DATE: June 11, 2017				SPUD DATE: 5/28/17		CASING		OD	WT	GRD	MD	TVD	
		API #:	42495338430000		DFS: 14		Conductor		20	94	J-55	110	110
					REPORT NO: 15		Surface		13-3/8	55	J55	1,105	1,105
FIELD: Phantom (Wolfcamp)				DOL: 20		Intermediate		10-3/4	46	J-55	5,090	5,065	
ELEV: 2,807		RKB:	31		LAST BOP TEST: 5/29/17								
MD: 11,710		TVD:	11,684										
24 HR FTG: 170		HRS DRLG:	2.5		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
16:00	9.0	31.0		1	1	10.0	1	1	1	1	1	1	54.000		0.07	0.16			0.33	

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1	50	200	11,200
#2	50	225	11,200

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
6	9.88	HDBS	MM55DC	12917185	7x16		11,540	11,710	170	2.5	35,000	74	68

BIT NO.	6	INNER	1	OUTER	1	DULL	BT	LOC	C,S	SEAL	N/A	GAUGE	IG	OTHER	None	RP	TD
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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	86	4200	283	3.29	97	9.1	207	393	275	1200
2	Gardner Denver	PXL	5.500	11.000	86	4200	283	3.29	97	9.1	207	393	275	1200

BHA

DESCRIPTION:	9-7/8" Intermediate 2						
LENGTH	2,134.72	BHA WT. AIR	140,975	BHA WT. MUD	121,604	HRS. ON JARS	
ROT. WT.	345,000	P.U. WT.	425,000	S.O. WT.	275,000	TORQUE	23,000
TIME MADE UP	00:30	DATE MADE UP	6/9/2017	TIME PULLED	10:00	DATE PULLED	6/10/2017

SURVEY DATA

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
11,516	2.40	299.58	11,490	-253.0	171.8	-289.8	0.2	
11,610	2.95	300.95	11,584	-250.7	168.0	-286.7	0.6	
11,648	2.92	303.13	11,622	-249.7	166.4	-285.3	0.3	

CONSUMABLES

OPERATIONS TIME LOG

[illegible]

TOTAL HRS	24.0
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WEATHER

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GEN. CONDITIONS:	Clear	WIND SPEED:	13	WIND DIRECTION:	SSE	TEMP:	73

COMMENTS: