

## DRILLING REPORT

WELL: <a href="#">UL Urad 1609-21 1H</a>				CONTRACTOR: <a href="#">Cactus</a>				RIG:		<a href="#">Cactus 129</a>		
RPT DATE: <a href="#">June 10, 2017</a>				SPUD DATE: <a href="#">5/28/17</a>		CASING		OD	WT	GRD	MD	TVD
		API #:	<a href="#">42495338430000</a>		DFS: <a href="#">13</a>	<a href="#">Conductor</a>		<a href="#">20</a>	<a href="#">94</a>	<a href="#">J-55</a>	<a href="#">110</a>	<a href="#">110</a>
				REPORT NO: <a href="#">14</a>	<a href="#">Surface</a>		<a href="#">13-3/8</a>	<a href="#">55</a>	<a href="#">J55</a>	<a href="#">1,105</a>	<a href="#">1,105</a>	
FIELD: <a href="#">Phantom (Wolfcamp)</a>				DOL: <a href="#">19</a>	<a href="#">Intermediate</a>		<a href="#">10-3/4</a>	<a href="#">46</a>	<a href="#">J-55</a>	<a href="#">5,090</a>	<a href="#">5,065</a>	
ELEV:	<a href="#">2,807</a>	RKB:	<a href="#">31</a>		LAST BOP TEST: <a href="#">5/29/17</a>							
MD:	<a href="#">11,540</a>	TVD:	<a href="#">11,514</a>									
24 HR FTG:	<a href="#">1,032</a>	HRS DRLG:	<a href="#">20</a>		CSGHD:	<a href="#">2,807</a>						

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	9.0	1	1	1	1	1		1	57,000		0.04	0.18			0.18			
												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		10,508	11,540	1,032	20.0	35,000	74	52	
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	86	4200	283	3.29	97	9.1				
2	Gardner Denver	PXL	5.500	11.000	86	4200	283	3.29	97	9.1				

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		DATE PULLED	

SURVEY DATA								
MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
11,139	1.68	267.98	11,114	-256.3	185.4	-296.7	0.2	
11,234	1.86	274.20	11,209	-256.2	182.5	-295.9	0.3	
11,328	2.35	278.13	11,302	-255.9	179.1	-294.6	0.6	
11,423	2.42	294.58	11,397	-254.7	175.3	-292.5	0.7	

<b>CONSUMABLES</b>	DIESEL FUEL (gal) Rcvd/Used/On Hand:	DRILL H2O (gal) Rcvd/Used/On Hand:	
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## OPERATIONS TIME LOG

<b>FROM</b>	<b>TO</b>	<b>HRS</b>	<b>CODE</b>		<b>Start MD</b>	<b>End MD</b>
06:00	09:30	3.5	Trips	Finish TIH to 10,447'	10508	10508
09:30	10:00	0.5	Reaming	Fill pipe, B/C, Stage up pumps - Wash & ream 10,447' - 10,508'	10508	10508
10:00	06:00	20.0	Drilling	Drill 9.875" vertical hole - 10,508' - 11,540' (1,032' @ 52 FPH)  Rotate: WOB 36 * PP 4200 psi * SPM 258 * GPM 850 * Diff 100 - 200 * T.D RPM 62 * MM RPM 74 * Total RPM 136 Slide: WOB 24 * PP 4050 psi * SPM 258 * GPM 850 * Diff 40 - 100 * MM RPM 74  Rotating Hrs: 18      Ftg: 982'                  Slide Hrs: 2      Ftg: 50'	10508	11540
<b>TOTAL HRS</b>		<b>24.0</b>				

WEATHER	
GEN. CONDITIONS:	Clear WIND SPEED: 11 mph WIND DIRECTION: SE TEMP: 72
COMMENTS:	