

DRILLING REPORT

WELL: UL Guanella 05-17 1H				CONTRACTOR: Cactus					RIG: Cactus 139				
RPT DATE: June 6, 2017				SPUD DATE: 5/27/17		CASING		OD	WT	GRD	MD	TVD	
		API #:	42475372150000		DFS: 10		Conductor		20	94	J-55	80	
				REPORT NO: 11		Surface		13-3/8	55	J-55	1,220		
FIELD: Phantom (Wolfcamp)				DOL: 15		Intermediate		10-3/4	46	J-55	5,000		
ELEV:		RKB:		LAST BOP TEST: 5/25/17									
MD:		TVD:											
6,870		6,780											
24 HR FTG:		HRS DRLG:		CSGHD:									
1,495		20											

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
18:00	9.0	2.0	100.0	1	1	7.0		1	1	1	1	1	90.000		0.01	0.25			3.55	

REDUCED PUMP RATES			
PUMP	SPM	PRESS	DEPTH
#1	30	130	6,851
#2	30	120	6,851

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	9.88	Baker	T505FX	7911263	7x12		5,375	6,870	1,495	19.0	28	80	79

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	HHF	1600	6.000	12.000	84	3023	350	3.968	95	9.11	236	278	142	1600
2	HHF	1600	6.000	12.000	84	3023	350	3.968	95	9.11	236	278	142	1600

BHA

DESCRIPTION:	9.875" 2st Intermediate Section Run #1						
LENGTH	468.42	BHA WT. AIR	68,005	BHA WT. MUD	68,005	HRS. ON JARS	
ROT. WT.	230	P.U. WT.	275	S.O. WT.	190	TORQUE	15
TIME MADE UP	14:00	DATE MADE UP	6/4/2017	TIME PULLED		DATE PULLED	

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
6,507	0.85	175.40	6,497	-151.6	80.8		-168.1	0.3
6,602	1.80	248.57	6,592	-152.8	79.4		-169.0	1.8
6,697	1.03	250.41	6,687	-153.7	77.3		-169.2	0.8
6,791	0.99	260.90	6,781	-154.1	75.7		-169.1	0.2

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	06:30	0.5	Cond Mud & Circ	Cir hole at 450 GPM * while changing out 6" liner in Mud Pump (Could not drill on one pump due to GPM)	5375	5375
06:30	17:00	10.5	Drilling	Drill 9.875" Hole F/5,375' TO/ 6,282' (970' at 86.3' FPH) WOB-28" Diff-120" GPM-700* Torque-16 " SPP-2930*	5375	6282
17:00	17:30	0.5	Lubricate Rig	Service TD and CHK fluid levels	6282	6282
17:30	18:00	0.5	Drilling	Trouble shoot MWD	6282	6282
18:00	20:30	2.5	Cond Mud & Circ	After Survey was taken and began to drill, string torqued up so it was decided to rack back a stand to have more working room. When Kellyed up, same issue accrued. We had full returns no pressure variation but could not rot or come up or down. At that time it was discussed to build and pump a Sapp sweep followed by a Vis sweep to see if it would free the string. Soon as the Sapp sweep cleared the bit we were able to rot and work the string. Pumped at Full GPM of 700 till both sweeps were out of hole before drilling.	6282	6282
20:30	05:30	9.0	Drilling	Rot/Slide 9.875" Hole F/ 6,282' TO/6,870' (588' at 65.3 FPH) WOB-30" GPM-700" Diff-165/200" Torque-15" RPM-60" Slide- WOB-30" SPP- 2861" GPM-700"	6282	6870
05:30	06:00	0.5	Lubricate Rig	Service Rig- SPR'S- BOP Drill	6870	6870
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Mostly Clear	WIND SPEED:	6 MPH	WIND DIRECTION:	ESE	TEMP:	69
------------------	--------------	-------------	-------	-----------------	-----	-------	----

COMMENTS: