DRILLING REPORT

WELL:	UL Guanella 05-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 139	
RPT DATE:	June 24, 2017			SPUD DATE:	5/27/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372150000	DFS:	28	Conductor	20	94	J-55	80	
				REPORT NO:	29	Surface	13-3/8	55	J-55	1,220	
FIELD:	Phantom (Wolfcamp)			DOL:	33	Intermediate	10-3/4	46	J-55	5,000	
ELEV:		RKB:		LAST BOP TEST:	6/14/17	Intermediate 2	7-5/8	30	HC-P110	10,809	10,797
MD:	15,607	TVD:	11,360								
24 HR FTG:	249	HRS DRLG:	11	CSGHD:							

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
18:30	12.9	60.0	10.0	4	5		1	5	14	15	33	9	40,000				14,000	54.00	17.40	250.00

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1	30	654	14,954
#2	30	610	14,954

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
12	6.75	HDBS	MMD64DM	12910400	6x16		15,607						
11	6.75	Baker	TD405FX	7163442	5x18	N	15,358	15,607	249	10.5	26	70	24

BIT NO.	11	INNER	1	OUTER	2	DULL	Chipped	LOC	Shoulder	SEAL		GAUGE	IG	OTHER	N/A	RP	ROP

HYDRAULICS DATA

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	HHF	1600	5.000	12.000	53	4890	150	2.90	95	13.9	290	357	21.8	1600
2	HHF	1600	5.000	12.000	53	4890	150	2.90	95	13.9	290	357	21.8	1600

BHA

DESCRIPTION:	6.75" Lateral assembly, BHA #10, Run #3						
LENGTH	7,101.56	BHA WT. AIR	160,644	BHA WT. MUD	129,940	HRS. ON JARS	
ROT. WT.	200	P.U. WT.	270	S.O. WT.	160	TORQUE	16,000
TIME MADE UP	04:00	DATE MADE UP	6/24/2017	TIME PULLED	20:00	DATE PULLED	6/23/2017

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
15,277	92.00	347.91	11,361	3,738.7	-1,083.0		3,892.4	1.2
15,371	89.01	347.68	11,360	3,830.6	-1,102.8		3,986.1	3.2
15,464	89.69	347.42	11,361	3,921.4	-1,122.9		4,078.9	0.8

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 / Slide Lateral section of well from 15358' To/15,598' (240' at 22.8 FPH) WOB-25* TRQ-14* SPP- 4800 * GPM-300* RPM-70* Diff- 600/800 *	15358	15598
16:30	18:30	2.0	Cond Mud & Circ	Lost pressure at pumps so shut down to test ground equipment- While pumps were off well continued to flow, Well was shut in and CIR a BTU threw Choke- After BTU Well was opened up to CHK Static (Well continued to flow but while shut in no pressure was reading on backside) At this point it was discussed to continue on due to well ballooning. Troubled shooted Pressure issue and began going threw #2 Mud Pump while drilling on with 1 pump	15598	15598
18:30	19:00	0.5	Drilling	Drill 6.75" Later Section F/15,598' TO/15,607' (9' at 18' FPH) While Drilling ahead driiling indicted motor needed changed. Disscusion was made to pull for new BHA	15598	15607
19:00	20:00	1.0	Cond Mud & Circ	Cir hole at 300 GPM * 70 RPM * Working pipe 90' While building slug	15607	15607
20:00	20:30	0.5	Other	Flow Check- Pump Slug	15607	15607
20:30	00:00	3.5	Trips	TOOH For new BHA F/15,607' TO/8,395' (Trip Sheet was utilized- Filling hole with trip tank) High Clutch went out on DW so we could only pull in low clutch- High Clutch is in Route and will be change on way in while still in CSG	15607	15607
00:00	00:30	0.5	Lubricate Rig	Service Rig- Flow CHK	15607	15607
00:30	04:00	3.5	Trips	Cont. To TOOH F/8,395' TO/ BHA (Pulling in low clutch due to high clutch being out)	15607	15607
04:00	05:00	1.0	Dir Work	Directional Work- Change out bit and motor (Bit- HDBS MMD64DM and Discovery SuperHawlk 500 7/8 lobe 10.6 Stage @ 1.83 FXD) Ran same MWD and tested at surface)	15607	15607
05:00	06:00	1.0	Trips	TIH TO/1,501' (Tripping in hole on low clutch)	15607	15607
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Cloudy	WIND SPEED:	9 MPH	WIND DIRECTION:	NE	TEMP:	74
COMMENTS:							