DRILLING REPORT

WELL:	UL Guanella 05-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 139	
RPT DATE:	June 20, 2017			SPUD DATE:	5/27/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372150000	DFS:	24	Conductor	20	94	J-55	80	
				REPORT NO:	25	Surface	13-3/8	55	J-55	1,220	
FIELD:	Phantom (Wolfcamp)			DOL:	29	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:	13,091	TVD:	11,423								
24 HR FTG:	1,183	HRS DRLG:	18	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	12.6	72.0	0.1	6	7		3	10	15	16	31	11	214,994					56.00	11.71	250.00

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1	30	720	13,090
#2	30	650	13,090

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
10	6.75	Baker Hughes	TD405FX	7161024	4x16, 1x14		11,908	13,091	1,183	18.0	25	201	66

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	50	4820	145	2.9106	95				23	1600
2	HHF	1600	6.000	12.000	51	4820	149	2.9106	95				23	1600

BHA

DESCRIPTION:	6.75" Lateral assembly, BHA #10, Run #1						
LENGTH	7,107.68	BHA WT. AIR	160,644	BHA WT. MUD	129,940	HRS. ON JARS	
ROT. WT.	215,000	P.U. WT.	215,000	S.O. WT.	190,000	TORQUE	12,900
TIME MADE UP	20:00	DATE MADE UP	6/18/2017	TIME PULLED		DATE PULLED	

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
12,756	88.64	347.97	11,424	1,316.8	-405.8		1,377.8	5.8
12,849	91.39	348.44	11,424	1,407.9	-424.8		1,470.5	3.0
12,943	88.18	347.58	11,425	1,499.8	-444.3		1,564.2	3.5
13,036	91.70	348.29	11,425	1,590.7	-463.8		1,657.0	3.9

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	09:30	3.5	Drilling	Drill Lateral section from 11,908' to 12,249' WOB 25 RPM 70 GPM 300 PSI 4795 TORQ 10K	11908	12249
09:30	13:00	3.5	Repair Rig	Circulate while making repairs to finger board in derrick	12249	12249
13:00	16:00	3.0	Drilling	Cont to drill Lateral section of well from 12,249' to 12,436'	12249	12436
16:00	16:30	0.5	Lubricate Rig	Rig Service	12436	12436
16:30	18:30	2.0	Repair Rig	Circ / Cond at 12,436' while rig inspects & make repairs to link tilt on TDS	12436	12436
18:30	06:00	11.5	Drilling	Drill 6.75" Lateral Section F/12,436' - 13,091' (655' @ 56.95 FPH) Rotate Ftg = 527' * Slide Ftg = 73' * Slide Hrs = 2.75 Rotate = WOB 25 * GPM 294 * SPP 4820 * Diff 700 psi * SPM 101 * TD RPM 70 Mtr RPM 200 * Total RPM 270 * Torq 12.9K Sliding = WOB 40 * GPM 299 * SPP 4330 * Diff 250 - 300 psi * SPM 103 .	12436	13091
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Partly Cloudy	WIND SPEED:	8 MPH	WIND DIRECTION:	ESE	TEMP:	76
COMMENTS:	Forecast: Cloudy morning will give way to sunny skies this afternoon, High 99F, winds ESE @10-15 MPH						