DRILLING REPORT

WELL:	UL Guanella 05-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 139	
RPT DATE:	June 4, 2017			SPUD DATE:	5/27/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372150000	DFS:	8	Conductor	20	94	J-55	80	
				REPORT NO:	9	Surface	13-3/8	55	J-55	1,220	
FIELD:	Phantom (Wolfcamp)			DOL:	13	Intermediate	10-3/4	46	J-55	5,000	
ELEV:		RKB:		LAST BOP TEST:	5/25/17						
MD:	5,015	TVD:	4,945								
24 HR FTG:		HRS DRLG:		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
18:00	9.7	28.0	100.0	1	1	7.0		1	1	1	1	1	141,000		0.01	0.25			4.02	

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1	30	160	3,720
#2	30	190	3,720

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
3	12.25	Ultera	U619S	33611	6x16		4,725	5,015	290	5.5	40	40	53

BIT NO.	3	INNER	1	OUTER	1	DULL	Chipped	LOC	Shoulder	SEAL		GAUGE	IG	OTHER	N/A	RP	TD

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										
2	HHF	1600	6.000	12.000										

BHA

DESCRIPTION:	12 1/4" 1st Intermediate Section Run #2						
LENGTH	463.61	BHA WT. AIR	60	BHA WT. MUD	60	HRS. ON JARS	
ROT. WT.	200	P.U. WT.	215	S.O. WT.	175	TORQUE	13
TIME MADE UP	05:00	DATE MADE UP	5/31/2017	TIME PULLED		DATE PULLED	

SURVEY DATA

MD	ANGLE	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

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	Run Csg & Cement	Pooh l/dn csg due to bridge @ 1979'	5015	5015
09:30	10:00	0.5	Other	Clean rig floor & service rig	5015	5015
10:00	10:30	0.5	Trips	M/up Bit, B/sub, X-over & Tih t/ 5015', reaming all tight spots	5015	5015
10:30	14:30	4.0	Reaming	TIH washing/ream threw tight spots at 1,979' * 1,989' * 2,307'* 2,317'* 2,386'* 4,962'* 600-GPM* 10-WOB* 30-ROT * with full returns	5015	5015
14:30	17:30	3.0	Cond Mud & Circ	Pump 2 50 BBL sweeps and CIR out 600-GPM* 30-RPM* While working pipe	5015	5015
17:30	19:30	2.0	Trips	Pump Slug , TOOH TO/BHA (Constant Fill threw kill line- No Returns)	5015	5015
19:30	20:00	0.5	Trips	Lay down Conventional Iron (Bit, Bit Sub and X-Over) Hole taking fluid	5015	5015
20:00	21:00	1.0	Run Csg & Cement	Rig up CSG Crew and held Safety meeting - Made up Shoe Track and tested Float	5015	5015
21:00	03:30	6.5	Run Csg & Cement	Run 10.75" 1st Intermediate CSG- Hit Bridge at 1,979' (Same depth as previous day) Pumped 6 BBL/Min 15-ROT* 5,500- Torque * and eased threw to 2,021' Cont. To run CSG to 5,000' Washing down last 2 Joints with CRT	5015	5015
03:30	04:00	0.5	Run Csg & Cement	Rig Down Casing Crew and install cement head (Suck out cellar)	5015	5015
04:00	04:30	0.5	Other	Verified landing JNT was landed by GE hand	5015	5015
04:30	06:00	1.5	Cond Mud & Circ	Circulate one times the Cap of CSG 485 BBLS (Starting at 6 BBL/Min and staging up to 10 BBL/Min) Flow at 10 BBL/min	5015	5015
TOTAL HRS		24.0				

WEATHER

GEN. CONDITIONS:	Mostly Cloudy	WIND SPEED:	5 MPH	WIND DIRECTION:	SE	TEMP:	61
COMMENTS:							