DRILLING REPORT

WELL:	UL Guanella 05-17 1H			CONTRACTOR:	Cactus				RIG:	Cactus 139	
RPT DATE:	June 14, 2017			SPUD DATE:	5/27/17	CASING	OD	WT	GRD	MD	TVD
		API #:	42475372150000	DFS:	18	Conductor	20	94	J-55	80	
				REPORT NO:	19	Surface	13-3/8	55	J-55	1,220	
FIELD:	Phantom (Wolfcamp)			DOL:	23	Intermediate	10-3/4	46	J-55	5,000	
ELEV:		RKB:		LAST BOP TEST:	5/25/17	Intermediate 2	7-5/8	30	HC-P110	10,809	10,797
MD:	10,824	TVD:	10,812								
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	9.1	33.0	100.0	1	1	7.0	1	1	1	1	1	1	74,500		0.01	0.20			2.26	

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1	30	220	9,871
#2	30	220	9,871

BIT DATA

NO.	SIZE	MAKE	TYPE	SER NO.	NOZZLES	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP

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	57	100	166	2.9106	95					
2	HHF	1600	6.000	12.000	58	100	169	2.9106	95					

BHA

DESCRIPTION:	9.875" 2nd Intermediate Section, Run #4						
LENGTH	2,114.44	BHA WT. AIR	104,204	BHA WT. MUD	90,023	HRS. ON JARS	
ROT. WT.	310,000	P.U. WT.	350,000	S.O. WT.	255,000	TORQUE	18,000
TIME MADE UP	15:00	DATE MADE UP	6/10/2017	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	16:00	10.0	Run Csg & Cement	7-5/8" 29.7# HC-P110 BTC Csg F/1,667' - 10,809', Washed 2 Jts to bottom, L/D 1 Jt. to 10,775' Landing Jnt was observed to have excess threads showing between pup jnt & hanger mandrel, Upon inspection from GE hand it was decided to replace assembly.	10824	10824
16:00	19:30	3.5	Cond Mud & Circ	Circ. w/375 GPM, 75 psi	10824	10824
19:30	20:00	0.5	Run Csg & Cement	Set Landing hanger as per GE rep. Csg. set @ 10,809', DV tool set @ 5,236.27'	10824	10824
20:00	00:30	4.5	Cond Mud & Circ	Cont. to Circ. while waiting on Halliburton cement to arrive on location	10824	10824
00:30	01:00	0.5	Cond Mud & Circ	While circulating Hold PJSM, R/U Halliburton cementers	10824	10824
01:00	03:30	2.5	Run Csg & Cement	Pump 1st stage cement, 20bbl spacer, 236bbl lead cement, 53bbl tail cement Displace w/492bbls brine water @ 8bbl/min (calculated disp. 492 bbl) 900 psi prior to bumping plug, bumped plug w/1400 psi, held for 5 min. 2 bbl back, floats holding	10824	10824
03:30	04:00	0.5	Run Csg & Cement	Drop free-fall opening cone & wait for it to fall	10824	10824
04:00	05:30	1.5	Cond Mud & Circ	Seat opening cone w/650 psi,pump 20 bbl w/Halliburton truck to verify valve open Circ. 2x B/U (6,936 stks) w/rig pumps ~60 bbl cement back to surface	10824	10824
05:30	06:00	0.5	Run Csg & Cement	Pump 2nd stage cement job, 20 bbl Gel spacer, 187 bbl lead cement, 22 bbl tail cement	10824	10824
TOTAL HRS		**24.0**				

WEATHER

GEN. CONDITIONS:	Clear	**WIND SPEED:**	12 MPH	**WIND DIRECTION:**	SE	**TEMP:**	84
COMMENTS:	Forecast: Sunny morning, partly cloudy afternoon, Possible stray thunderstorm, High 105F, Winds SE @ 20-30 MPH						