DRILLING REPORT

WELL:	UL Guanella 05-17 1H			**CONTRACTOR:**	Cactus				**RIG:**	Cactus 139	
RPT DATE:	May 31, 2017			**SPUD DATE:**	5/27/17	**CASING**	**OD**	**WT**	**GRD**	**MD**	**TVD**
		API #:	42475372150000	**DFS:**	4	Conductor	20	94	J-55	80	
				REPORT NO:	5	Surface	13-3/8	55	J-55	1,220	
FIELD:	Phantom (Wolfcamp)			**DOL:**	9						
ELEV:		**RKB:**		**LAST BOP TEST:**	5/25/17						
MD:	2,107	**TVD:**									
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	9.8	27.0	100.0	1	1	7.0		1	1	1	1	1	178,000		0.01	0.20			1.19	

REDUCED PUMP RATES

PUMP	SPM	PRESS	DEPTH
#1			
#2			

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		2,107						

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										
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.		P.U. WT.		S.O. WT.		TORQUE	6
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	07:00	1.0	Trips	Make up bit, TIH to 1,214'	2107	2107
07:00	14:30	7.5	Cond Mud & Circ	Build and pump sweeps to establish returns while bringing active system to 80 lbs/bbl	2107	2107
14:30	15:00	0.5	Reaming	Wash and ream to 1,230'	2107	2107
15:00	04:00	13.0	Cond Mud & Circ	Continue building and pump sweeps to establish returns, On third phase Three sweep returns were established @ 120 GPM, Cir while staging GPM up to 500 GPM then pumping a 80 BBL Tactical sweep. CIR at full drilling rate and cir LCM around for two BTU with shakers screens off. Once losses receded it was discussed to work pipe slow and pump at 700 GPM while CIR LCM out of system.	2107	2107
04:00	05:30	1.5	Trips	TOOH while using low pressure and jetting over shakers to clean LCM out of Drill Fluid, Removed Rotating head, Laid down Coventional Iron	2107	2107
05:30	06:00	0.5	Dir Work	Pick up Motor 9-5/8" Sperry Drill Lobe 6/7 L, 5.0 STG, NMDC< scribe and test MWD at Surface	2107	2107
TOTAL HRS		**24.0**				

WEATHER

GEN. CONDITIONS:	Mostly Cloudy	**WIND SPEED:**	9 MPH	**WIND DIRECTION:**	SE	**TEMP:**	63
COMMENTS:							