

# DRILLING REPORT

WELL: UL Guanella 05-17 1H										CONTRACTOR: Cactus										RIG: Cactus 139											
RPT DATE: June 29, 2017										SPUD DATE: 5/27/17					CASING			OD	WT	GRD	MD	TVD									
API #: 42475372150000										DFS: 33					Conductor			20	94	J-55	80										
										REPORT NO: 34					Surface			13-3/8	55	J-55	1,220										
FIELD: Phantom (Wolfcamp)										DOL: 38					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: 16,361					TVD: 11,349										Production			5	23	HC-P110	16,351										
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											
18:30	12.7	65.0	6.0	2	3		1	5	9	10	26	9	30,000				8,000	57.00	12.10	250.00											
												REDUCED PUMP RATES																			
												PUMP			SPM			PRESS			DEPTH										
												#1			30			500			16,260										
												#2			30			500			16,260										
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				16,286	16,361	75	5.5	30	70	14											
BIT NO.	12	INNER		2	OUTER		6	DULL	Rung Out	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		5.000		12.000																							
2	HHF			1600		5.000		12.000																							
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								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	13:00	7.0	Run Csg & Cement		Run 5" Geo-Con CSG F/10,200' TO/16,351' Washing down last 3 joints at 3 BBL/MIN ( Filling on the fly topping off every 20 Joints )													16361	16361												
13:00	14:00	1.0	Run Csg & Cement		Rig down CSG crew, Pick up and make up BlackHawk tool													16361	16361												
14:00	18:30	4.5	Cond Mud & Circ		Cir 5" CSG at 3 BBL/MIN, Could not rotate due to torqueing up													16361	16361												
18:30	22:00	3.5	Run Csg & Cement		Rig up Cementers and cemented 5" production CSG- Pumped 20 BBL Spacer, Cement 201 BBL* 920 Sacks* 14.5 PPG* 1.226 Yield * Displaced with fresh water 340 BBL* Bumped Plug at 4 BBL over 344 BBL at 4391 psi and held for 5 min Floats held with 5 bbl back													16361	16361												
22:00	02:00	4.0	Run Csg & Cement		Wait on Cement 4 HRS while cleaning Mud tanks, Removed Catch pan, 4 Bolted Flow Line													16361	16361												
02:00	03:00	1.0	Other		Lay down BlackHawk Cement Head and install CSG bells and elevators- Began Nipple down on Choke line													16361	16361												
03:00	06:00	3.0	Nipple Up B.O.P.		Nipple Down Stack, Remove Flow Line, Remove HCR and kill line													16361	16361												