

## DRILLING REPORT

WELL: UL Guanella 05-17 1H										CONTRACTOR: Cactus										RIG: Cactus 139										
RPT DATE: June 15, 2017										SPUD DATE: 5/27/17					CASING			OD	WT	GRD	MD	TVD								
API #: 42475372150000										DFS: 19					Conductor			20	94	J-55	80									
FIELD: Phantom (Wolfcamp)										REPORT NO: 20					Surface			13-3/8	55	J-55	1,220									
ELEV: 10,824										DOL: 24					Intermediate			10-3/4	46	J-55	5,000									
MD: 10,824										LAST BOP TEST: 6/14/17					Intermediate 2			7-5/8	30	HC-P110	10,809	10,797								
24 HR FTG: 10,824										HRS DRLG: 10,812					CSGHD: 10,812															
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	HTHF										
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										
701		6.75		Ulterra		U616M		28348		6x14's				10,824			1.0			10										
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		94		460		273	2.9106	95					1600									
2		HHF		1600		6.000		12.000																						
BHA																														
DESCRIPTION:				6.75" DV tool drill out assembly																										
LENGTH				2,009.87				BHA WT. AIR				30,000				BHA WT. MUD				26,000				HRS. ON JARS						
ROT. WT.				310,000				P.U. WT.				350,000				S.O. WT.				255,000				TORQUE			18,000			
TIME MADE UP				22:00				DATE MADE UP				6/14/2017				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) Rvcd/Used/On Hand:										
OPERATIONS TIME LOG																														
FROM		TO		HRS		CODE														Start MD		End MD								
06:00		07:30		1.5		Run Csg & Cement		Pump 2nd stage cement job, 20 bbl Gel spacer, 187 bbl lead cement, 22 bbl tail cement 240 bbl disp. same as calculated Bump plug w/500 psi over (800 psi prior to bump) held 2300 psi for 5 min Upon bleed off, 2 bbl back to tank ~10 bbl Gel spacer back to surface												10824		10824								
07:30		08:00		0.5		Run Csg & Cement		R/D Halliburton cementers												10824		10824								
08:00		08:30		0.5		Run Csg & Cement		Remove landing jnt, R/D casing bails & elevators												10824		10824								
08:30		09:00		0.5		Other		Install 5" elevators while waiting on correct running tool for GE's pack-off assembly												10824		10824								
09:00		12:00		3.0		Run Csg & Cement		Make up pack off running tool, Install pack off test pack-off P seals to 6000 psi & void to 5000 psi as per GE rep.												10824		10824								
12:00		19:00		7.0		Test B.O.P.		Test B.O.P. & clean mud tanks Test valves & rams to 250 psi Low, 5000 psi High Test annular to 250 psi Low, 3500 psi High												10824		10824								
19:00		22:00		3.0		Other		Load pipe racks w/51 jnts HWDP & strap, Install pollution pan on BOP, Fill Mud tanks w/Oil base mud, ready tanks to drill out DV tool with brine water												10824		10284								
22:00		22:30		0.5		Trips		Pick up 2 jts HWDP, bit sub & make up DV drill out bit												10824		10824								
22:30		23:00		0.5		Lubricate Rig		Rig Service												10824		10824								
23:00		00:00		1.0		Repair Rig		Replace leaking hydraulic line on top drive												10824		10824								
00:00		02:00		2.0		Trips		TIH while picking up 4.5" HWDP 51 jts to 1,550'												10824		10824								
02:00		04:00		2.0		Trips		TIH to 5,200' Test casing/DV tool to 1,500 psi												10824		10824								
04:00		05:30		1.5		Other		Tag cement @ 5,229', Drill cement to 5,236', drill out DV tool to 5,239', Ream through x4												10824		10824								
05:30		06:00		0.5		Trips		TIH filling every 30 stds to 6,355'												10824		10824								
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