

Detailed Drilling Report										
Lease: ULS 5-9 UNIT 6H			API #: 42-003-47576				Report #: 1			
Operator: Zarvona Energy			Spud Date:				Report Date: 12/29/18			
GL	3030'	Depth (MD)	County	Andrews	Rig	LATSHAW DRILLING RIG 7	AFE #	NA-5-9-6		
KB-GL	26	TVD	State	Texas	Toolpusher	Malcom Moody	Job#			
			Co Supv	DC Torres		Bobby Miller				
			Co Supv	J. Garza						
PRESENT OPERATIONS										
MI and Rigging up										
Rigging down, Move in and spot mud tanks.										
DRILL PIPE						BHA 5				
# JTS	LENGTH	OD	WT	GRADE	CONN	EQUIPMENT			LENGTH	
LAST CASING STRINGS										
SIZE	TOP		WT	GRADE	CONN					
20"	0	80								
TOTAL										
TOTAL										
TOTAL 12.0 Rig release 12-28-18 @ 1400hrs										
STRING WEIGHT			GAS		DIESEL (GAL)		TOTAL OBM LOSS		HYDRAULICS	
ROTATING		Bkgd Gas	0	Start		Cuttings		Pump No.	No. 1	No. 2
UP		Conn Gas	0	Received		Surface		Make/Model	WH-1612	WH-1612
DOWN		Trip Gas	0					Modules	7500	7500
TORQUE		Max Gas	0	End		Hole		SPR (SPM)		
				Used		Centrifuge		@ # (psi)		
				Rate (\$/gal)				Stroke, in.	12	12
				Total Cost (\$)				Liner / gal sks	6"	6"
BIT RECORD			MUD							
Number		Type		Solids						
Size, in.		Time		O/W Cont.						
Type		Company		O/W Ratio	Note					
code		FL Temp (deg F)		Alk P mud						
Serial No.		Depth		Lime	RM 1.66 Days					
Jets, 32nds		Density ppg		Salt	Days Crew:		5	BOP DRILLS		
W.O.B., lb.		Viscosity		600/300	Nights Crew:		5	BOP DRILLS		
R.P.M.		PV/YP		Chlorides						
Depth out, ft		Gels: I/10		El. Stab						
Depth in, ft		API W/L		WPS						
Footage		HTHP W/L		Calcium	Rig NPT		0			
Hours		Cake API/HTH		LGS	Service co NPT		0			
Mfgr		PH			Days from spud:		0			

Detailed Drilling Report										
Lease: ULS 5-9 UNIT 6H			API #: 42-003-47576				Report #: 2			
Operator: Zarvona Energy			Spud Date:				Report Date: 12/30/18			
GL	3030'	Depth (MD)	County	Andrews	Rig	LATSHAW DRILLING RIG 7	AFE #	NA-5-9-6		
KB-GL	26	TVD	State	Texas	Toolpusher	Malcom Moody	Job#			
			Co Supv	DC Torres		Bobby Miller				
			Co Supv	J. Garza						
PRESENT OPERATIONS										
MI and Rigging up										
R/D MO and rigging up										
DRILL PIPE										
# JTS	LENGTH	OD	WT	GRADE	CONN	EQUIPMENT			LENGTH	
LAST CASING STRINGS										
SIZE	TOP	WT	GRADE	CONN						
20"	0	80								
TOTAL										
DAILY OPERATIONS										
START TIME	END TIME	HOURS	NPT							
7:00	7:00	12:00		Rig down generator package, MP's R/D and move out, set mast on ground @ 1500hrs.						
				Spot MP's, TT gasbuster, SCR and 3 generators, parts house, fuel tanks and festoon house, R/U						
				23 loads move to 5-9 6 location. 12/28						
				25 loads move to 5-9 6 location. 12/29						
				20 loads move to 5-9 6 location. 12/30						
7:00	7:00	12:00		No men working.						
TOTAL										
TOTAL		24.0								
STRING WEIGHT		GAS		DIESEL (GAL)		TOTAL OBM LOSS		HYDRAULICS		
ROTATING		Bkgd Gas	0	Start		Cuttings		Pump No.	No. 1	No. 2
UP		Conn Gas	0	Received		Surface		Make/Model	WH-1612	WH-1612
DOWN		Trip Gas	0					Modules	7500	7500
TORQUE		Max Gas	0	End		Hole		SPR (SPM)		
				Used		Centrifuge		@ # (psi)		
				Rate (\$/gal)				Stroke, in.	12	12
				Total Cost (\$)				Liner / gal sks	6"	6"
BIT RECORD				MUD						
Number		Type		Solids						
Size, in.		Time		O/W Cont.						
Type		Company		O/W Ratio						
code		FL Temp (deg F)		Alk P mud						
Serial No.		Depth		Lime						
Jets, 32nds		Density ppg		Salt						
W.O.B., lb.		Viscosity		600/300						
R.P.M.		PV/YP		Chlorides						
Depth out, ft		Gels: 1/10		El. Stab						
Depth in, ft		API W/L		WPS						
Footage		HTHP W/L		Calcium						
Hours		Cake API/HTH		LGS						
Mfgr		PH								
						Note				
						RM 2.66 Days				
						Days Crew:		5	BOP DRILLS	
						Nights Crew:		5	BOP DRILLS	
						Rig NPT		0		
						Service co NPT		0		
						Days from spud:		0		









