

Well Name: UNIVERSITY 9-31 10H

API/UWI 42-383-39908		Surface Legal Location		Lease Number		State/Province TX	
Spud Date 8/3/2017 17:00		Rig Release Date		KB-Ground Distance (ft) 25.00		KB-Casing Flange Distance (ft)	
Weather Rain and Lightning		Temperature (°F) 100.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Drilling Ahead @ 5436'				Operations Next Report Period Drill tangent to 7200'			
Operations Summary Drlg Rotate and Slide f/ 4490' to 5173', Lost all returns @ 5173', spot 50bbl 15 lb/bbl LCM pill, regain 90% returns, wait on lightning storm to pass, continue Drlg f/ 5173' to 5436'							
Remarks Losing approximately 40 bbl/hr							
Mud Checks							
Time 05:05	Type Water Base	Depth (ftKB) 5,082.0	Density (lb/gal) 9.10	Vis (s/qt) 38	PV Calc (cP) 8.0	YP Calc (lbf/100ft²) 17.000	
Gel (10s) (lbf/100ft²) 10.000	Gel (10m) (lbf/100ft²) 18.000	Gel (30m) (lbf/100ft²)	Filtrate (mL/30min) 100.0	Filter Cake (1/32") 0	pH 11.0	Solids (%) 9.0	
MBT (lb/bbl) 5.0	Percent Oil (%) 0.0	Percent Water (%) 91.0	Chlorides (mg/L) 39,000.000	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)	
Drill Strings							
BHA #4, Steerable							
Bit Run 1	Drill Bit 12 1/4in, U716S, 36644			IADC Bit Dull -----		TFA (incl Noz) (in²) 2.60	
Nozzles (1/32") 22/22/22/22/22/22/22				String Length (ft) 5,436.00	String Wt (1000lbF) 130	BHA ROP (ft/hr) 51.1	
Drilling Parameters							
Wellbore Original Hole	Start Depth (ftKB) 4,490.0	End Depth (ftKB) 5,436.0	Cum Depth (ft) 1,687.00	Drilling Time (hr) 17.00	Cum Drill Time (hr) 33.00	Int ROP (ft/hr) 55.6	Flow Rate (gpm) 763
WOB (1000lbf) 40	RPM (rpm) 75	SPP (psi) 1,600.0	Drill Str Wt (100... 155	PU Str Wt (1000... 180	SO Str Wt (1000... 145	Drilling Torque 12.0	Off Bottom Torque 3.0
Q Gas Inj (ft³/min)	T Inj (°F)	P BH Ann (psi)	T BH (°F)	P Surf Annulus (... 	T Surf Annulus (... 	Q Liq Return (gp... 	Q Gas Return (ft³...

Start Depth (ftKB) 4,490.0		End Depth (ftKB) 5,436.0	
Target Depth (ftKB) 15,870.0		Days LTI (days) 28.00	
Last Casing String Surface, 843.0ftKB			
Daily Contacts			
Job Contact		Mobile	
Stoney Marquis, Consultant		940-594-3028	
Rigs			
Contractor Trinidad Drilling		Rig Number 101	
Rig Supervisor Corey Howell, Rig Manager		Phone Mobile 334-449-7075	
Mud Pumps			
# 1 , National Supply , 12-P-160			
Pump Rating (hp) 1,600.0	Rod Diameter (in)	Stroke (in) 12.01	
Liner Size (in)		Vol/Stk OR (bbl/stk)	
P (psi)	Slow Spd	Strokes (sp...	Eff (%)
# 2 , National Supply , 12-P-160			
Pump Rating (hp) 1,600.0	Rod Diameter (in)	Stroke (in) 12.01	
Liner Size (in)		Vol/Stk OR (bbl/stk)	
P (psi)	Slow Spd	Strokes (sp...	Eff (%)
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)