

Well Name: UNIVERSITY 10 2704H

API/UWI 4238338226		Surface Legal Location S 27, BLK 10, ULS		Lease Number 756398		State/Province Texas	
Spud Date 9/15/2013 11:30		Rig Release Date		KB-Ground Distance (ft) 25.00		KB-Casing Flange Distance (ft) 27.00	
Weather Overcast		Temperature (°F) 85.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Drilling ahead @ 13,470' in lateral				Operations Next Report Period Drill lateral to TD			
Operations Summary Drlg Rotate and Slide f/ 10,740' to 13,470 w/ surveys and rig service							
Drilling rate decreased due to pump being down f/ 13,390'							
Remarks							
Mud Checks							
Time 17:00	Type Oil Base	Depth (ftKB) 12,098.0	Density (lb/gal) 8.85	Vis (s/qt) 65	PV Calc (cP) 16.0	YP Calc (lb/100ft²) 13.000	
Gel (10s) (lb/100ft²) 13.000	Gel (10m) (lb/100ft²) 15.000	Gel (30m) (lb/100ft²) 17.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 9.0	
MBT (lb/bbl)	Percent Oil (%) 77.0	Percent Water (%) 23.0	Chlorides (mg/L) 38,000.000	Calcium (mg/L) 264,111.000	Potassium (mg/L)	Electric Stab (V) 718.0	
Drill Strings							
BHA #2, Steerable							
Bit Run 1	Drill Bit 8 3/4in, MMD55DC, 12544326			IADC Bit Dull -----		TFA (incl Noz) (in²) 2.23	
Nozzles (1/32") 22/22/22/22/22/22				String Length (ft) 13,470.00	String Wt (1000lb/ft) 265	BHA ROP (ft/hr) 149.9	
Drilling Parameters							
Wellbore OH	Start Depth (ftKB) 10,740.0	End Depth (ftKB) 13,470.0	Cum Depth (ft) 4,947.00	Drilling Time (hr) 18.00	Cum Drill Time (hr) 33.00	Int ROP (ft/hr) 151.7	Flow Rate (gpm) 602
WOB (1000lb/ft) 35	RPM (rpm) 90	SPP (psi) 3,350.0	Drill Str Wt (100... 180	PU Str Wt (1000... 190	SO Str Wt (1000... 170	Drilling Torque 15.0	Off Bottom Torque 6.0
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) 10,740.0		End Depth (ftKB) 13,470.0	
Target Depth (ftKB) 16,000.0		Days LTI (days) 42.00	
Last Casing String Intermediate, 6,614.9ftKB			
Daily Contacts			
Job Contact		Mobile	
Stoney Marquis, Consultant		(940) 594-3028	
Rigs			
Contractor Trinidad Drilling		Rig Number 101	
Rig Supervisor Tim Sepulvado, Rig Manager		Phone Mobile (318) 602-8578	
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) 800.0	Slow Spd No	Strokes (sp... 50	Eff (%) 95
# 2 , National Supply , 12-P-160			
Pump Rating (hp) 1,600.0		Rod Diameter (in) Stroke (in) 12.01	
Liner Size (in) 6		Vol/Stk OR (bbl/stk) 0.100	
P (psi) 800.0	Slow Spd No	Strokes (sp... 50	Eff (%) 95
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)