

Well Name: UNIVERSITY 10 2702H

API/UWI 4238338227		Surface Legal Location S 27, BLK 10, ULS		Lease Number 756381		State/Province Texas	
Spud Date 8/24/2013 19:30		Rig Release Date		KB-Ground Distance (ft) 25.00		KB-Casing Flange Distance (ft)	
Weather Clear		Temperature (°F) 92.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Drlg ahead in lateral @ 13,970'				Operations Next Report Period Drill lateral to TD			
Operations Summary Drlg Rotate and Slide f/ 11,920' to 13,970'							
Clean up cycle @ 13,277'							
Remarks							
Mud Checks							
Time 06:00	Type Oil Base	Depth (ftKB) 13,277.0	Density (lb/gal) 9.10	Vis (s/qt) 51	PV Calc (cP) 15.0	YP Calc (lb/100ft²) 12.000	
Gel (10s) (lb/100ft²) 9.000	Gel (10m) (lb/100ft²) 13.000	Gel (30m) (lb/100ft²) 15.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 10.0	
MBT (lb/bbl)	Percent Oil (%) 77.0	Percent Water (%) 23.0	Chlorides (mg/L) 42,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 592.0	
Drill Strings							
BHA #5, Steerable							
Bit Run 6	Drill Bit 8 3/4in, MMD55DC, 12840604		IADC Bit Dull -----			TFA (incl Noz) (in²) 1.87	
Nozzles (1/32") 22/22/22/22/22				String Length (ft) 13,970.00	String Wt (1000lbf) 278	BHA ROP (ft/hr) 152.7	
Drilling Parameters							
Wellbore OH	Start Depth (ftKB) 11,920.0	End Depth (ftKB) 13,970.0	Cum Depth (ft) 4,351.00	Drilling Time (hr) 13.50	Cum Drill Time (hr) 28.50	Int ROP (ft/hr) 151.9	Flow Rate (gpm) 600
WOB (1000lbf) 35	RPM (rpm) 90	SPP (psi) 3,400.0	Drill Str Wt (100... 185	PU Str Wt (1000... 195	SO Str Wt (1000... 170	Drilling Torque 11,861.0	Off Bottom Torque 2,500.0
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) 11,920.0		End Depth (ftKB) 13,970.0	
Target Depth (ftKB) 16,340.0		Days LTI (days)	
Last Casing String Intermediate, 7,524.0ftKB			
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) 1,000.0		Rod Diameter (in) Stroke (in) 12.01	
Liner Size (in) 6		Vol/Stk OR (bbl/stk) 0.100	
P (psi) 400.0	Slow Spd Yes	Strokes (sp... 30	Eff (%) 95
# 2 , National Supply , 12-P-160			
Pump Rating (hp) 1,000.0		Rod Diameter (in) Stroke (in) 12.01	
Liner Size (in) 6		Vol/Stk OR (bbl/stk) 0.100	
P (psi) 500.0	Slow Spd Yes	Strokes (sp... 40	Eff (%) 95
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)