

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) 63.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Drlg Lateral				Operations Next Report Period Drlg Lateral			
Operations Summary Drlg Rotate & slide, build curve section F/7705 to 9428 W/Surveys & rig service Land curve @ 8645, inc 90.0, azm 1.4 (Survey @ 9288, inc 90.7, azm 3.2)							
Remarks Drlg Ahead in lateral section following well plan 50% Silt, 40% Shale, 10% Limestone							
Mud Checks							
Time 06:00	Type Oil Base	Depth (ftKB) 9,428.0	Density (lb/gal) 8.70	Vis (s/qt) 49	PV Calc (cP) 14.0	YP Calc (lb/100ft²) 8.000	
Gel (10s) (lb/100ft²) 7.000	Gel (10m) (lb/100ft²) 11.000	Gel (30m) (lb/100ft²) 12.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 8.0	
MBT (lb/bbl)	Percent Oil (%) 72.0	Percent Water (%) 20.0	Chlorides (mg/L) 38,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 534.0	
Drill Strings							
BHA #4, Steerable							
Bit Run 5	Drill Bit 8 3/4in, MMD55DC, 12654468			IADC Bit Dull -----		TFA (incl Noz) (in²) 1.87	
Nozzles (1/32") 22/22/22/22/22				String Length (ft) 9,427.68	String Wt (1000lb/ft) 190	BHA ROP (ft/hr) 76.0	
Drilling Parameters							
Wellbore OH	Start Depth (ftKB) 7,705.0	End Depth (ftKB) 9,428.0	Cum Depth (ft) 1,900.00	Drilling Time (hr) 21.00	Cum Drill Time (hr) 25.00	Int ROP (ft/hr) 82.0	Flow Rate (gpm) 588
WOB (1000lb/ft) 31	RPM (rpm) 50	SPP (psi) 2,698.0	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) 7,705.0		End Depth (ftKB) 9,428.0	
Target Depth (ftKB) 16,340.0		Days LTI (days)	
Last Casing String Intermediate, 7,524.0ftKB			
Daily Contacts			
Job Contact		Mobile	
Pete Rockholt, Consultant		(806) 445-5603	
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) 580.0	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... 30	Eff (%) 95
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)