

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) 64.0	Road Condition Good	Hole Condition Good				
Operations at Report Time Nipple down Bop's		Operations Next Report Period Nipple down, set slips, cut off csg, Nipple up & test breaks, P/U Bha, T.I.H Drlg DV Tool, T.I.H to TOC, drlg cement, float collar, shoe trac & shoe + 10', clean tanks & fill W/OBM, Displace hole					
Operations Summary Run casing, fill pipe & circ, finish run csg, fill pipe & circ, R/U Nine Energy Cementers, Cement 1st stage cement, Bump plug (No Returns during complete 1st stage), inflate packer, drop bomb & open DV Tool, circ prior to 2nd stage cement, pump 2nd stage cement (Good returns during 1st 550 bbl's lead cement, zero returns during last 38 bbl's lead & 34 bbl's tail, zero returns during displacement, Bump plug, R/D Cementers & nipple down Bop's							
Remarks Zero returns during complete 1st stage of cement job, Open DV Tool W/Good circ, lost returns @ 550 bbl's of lead cement of 2nd stage, zero returns thru remainder of job.							
Mud Checks							
Time	Type	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cP)	YP Calc (lb/100ft²)	
Gel (10s) (lb/100ft²)	Gel (10m) (lb/100ft²)	Gel (30m) (lb/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)	
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)	
Drill Strings							
BHA #<stringno>, <des>							
Bit Run	Drill Bit		IADC Bit Dull			TFA (incl Noz) (in²)	
Nozzles (1/32")				String Length (ft)	String Wt (1000lb)	BHA ROP (ft/hr)	
Drilling Parameters							
Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Cum Drill Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm)
WOB (1000lb)	RPM (rpm)	SPP (psi)	Drill Str Wt (100...	PU Str Wt (1000...	SO Str Wt (1000...	Drilling Torque	Off Bottom Torque
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) 7,528.0	End Depth (ftKB) 7,528.0		
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)	Slow Spd	Strokes (sp...	Eff (%)
# 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)	Slow Spd	Strokes (sp...	Eff (%)
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)

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Weather Partly cloudy	Temperature (°F) 60.0	Road Condition Good	Hole Condition Good				
Operations at Report Time Clean pits		Operations Next Report Period Finish clean tanks, transfer OBM to mud tanks, displace hole W/OBM, TOO H F/Directional assembly, M/U Tools					
Operations Summary Finish nipple down, set csg slips @ 150k, cut off csg, dress & install B-Section, test 3000k, nipple up Bop's, test all breaks, M/U Drlg out Bha, T.I.H to 4450, wash to top of DV Tool, drlg DV Tool, continue T.I.H, tag cement @ 7467, drlg cement, float collar, 1/2 shoe trac, pressure test csg to 2850 psi 30 min (OK), drlg out remainder of shoe trac & shoe, transfer fluid from tanks, begin cleaning mud tanks F/OBM							
Remarks Drlg DV Tool & bomb, T.I.H to TOC @ 7467							
Mud Checks							
Time	Type	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cP)	YP Calc (lbf/100ft²)	
Gel (10s) (lbf/100ft²)	Gel (10m) (lbf/100ft²)	Gel (30m) (lbf/100ft²)	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%)	
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)	
Drill Strings							
BHA #<stringno>, <des>							
Bit Run	Drill Bit	IADC Bit Dull			TFA (incl Noz) (in²)		
Nozzles (1/32")				String Length (ft)	String Wt (1000lbf)	BHA ROP (ft/hr)	
Drilling Parameters							
Wellbore	Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Cum Drill Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm)
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Str Wt (100...	PU Str Wt (1000...	SO Str Wt (1000...	Drilling Torque	Off Bottom Torque
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...

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Target Depth (ftKB) 16,340.0		Days LTI (days)	
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Contractor Trinidad Drilling		Rig Number 101	
Rig Supervisor Tim Sepulvado, Rig Manager		Phone Mobile (318) 602-8578	
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Liner Size (in) 6		Vol/Stk OR (bbl/stk) 0.100	
P (psi)	Slow Spd	Strokes (sp...	Eff (%)
# 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	
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Weather Clear		Temperature (°F) 62.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Build curve section				Operations Next Report Period Build curve section			
Operations Summary clean mud tanks prior to Fill & displace W/OBM, Displace hole W/OBM, Service rig, TOOH F/Directional tools, L/D 6 Drill collars, P/U & M/U Directional Bha, T.I.H, Drlg							
Remarks Drlg ahead in curve section 40% Shale, 40% Silt, 10% Limestone, 10% sand Max formation gas 3777 @ 7646							
Mud Checks							
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MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)	
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) 7,705.48	String Wt (1000lb/ft) 157	BHA ROP (ft/hr) 44.2	
Drilling Parameters							
Wellbore OH	Start Depth (ftKB) 7,528.0	End Depth (ftKB) 7,705.0	Cum Depth (ft) 177.00	Drilling Time (hr) 4.00	Cum Drill Time (hr) 4.00	Int ROP (ft/hr) 44.2	Flow Rate (gpm) 555
WOB (1000lb/ft) 17	RPM (rpm) 0	SPP (psi) 1,987.0	Drill Str Wt (100...) 177	PU Str Wt (1000...) 180	SO Str Wt (1000...) 170	Drilling Torque 0.0	Off Bottom Torque 0.0
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...)

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P (psi)	Slow Spd	Strokes (sp...	Eff (%)
# 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)	Slow Spd	Strokes (sp...	Eff (%)
Survey Data (last 5 records)			
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)