

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 L/D Directional Bha, break bit				Operations Next Report Period L/D directional Bha, M/U clean out Bha (Bit and bit sub), TIH washing to bottom			
Operations Summary Finish working fish out of hole, TOO H L/D collars, fishing tools and top of fish, Continue TOO H inspecting drill pipe and running rabbit through drill pipe and clearing cuttings from drill pipe and agitator, string would circulate after L/D agitator, pump slug and continue TOO H to Bha							
Remarks							
Mud Checks							
Time 06:00		Type Oil Base	Depth (ftKB) 15,639.0	Density (lb/gal) 9.50	Vis (s/qt) 62	PV Calc (cP) 17.0	YP Calc (lb/100ft²) 11.000
Gel (10s) (lb/100ft²) 10.000		Gel (10m) (lb/100ft²) 13.000	Gel (30m) (lb/100ft²) 18.000	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) 40,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 578.0
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...

Start Depth (ftKB) 15,639.0		End Depth (ftKB) 15,639.0	
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)

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Spud Date 8/24/2013 19:30	Rig Release Date	KB-Ground Distance (ft) 25.00	KB-Casing Flange Distance (ft)				
Weather Overcast	Temperature (°F) 92.0	Road Condition Good	Hole Condition Good				
Operations at Report Time Working stuck pipe @ 8584'		Operations Next Report Period Work drill string free, continue washing and reaming to 15,639'					
Operations Summary L/D bha, clean floorand M/U bit and bit sub f/ clean up run, slip/cut drill line, c/o saver sub, TIH to 7619' and condnion mud and raise mud weight to 10 ppg, c/o rotating head assembly, wash and ream to 8665' w/ no issues, were about to pump sweep and hole packed off, L/D stand of drill pipe and try to establish circulation, string will rotate but no circulation, working stuck pipe @ report time							
Remarks							
Mud Checks							
Time 06:00	Type Oil Base	Depth (ftKB) 15,639.0	Density (lb/gal) 9.50	Vis (s/qt) 62	PV Calc (cP) 17.0	YP Calc (lbf/100ft²) 11.000	
Gel (10s) (lbf/100ft²) 10.000	Gel (10m) (lbf/100ft²) 13.000	Gel (30m) (lbf/100ft²) 18.000	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) 40,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 578.0	
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...

Start Depth (ftKB) 15,639.0	End Depth (ftKB) 15,639.0
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)

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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) 95.0	Road Condition Good	Hole Condition Good
Operations at Report Time Jarring on fish @ 7436'		Operations Next Report Period Jar fish out of hole	
Operations Summary Continue working stuck pipe, unable to break pipe free, wait on wireline, p/u wireline tools and back off drill pipe @ 7452', TOOH to p/u jars and collars, TIH to 7452' and tag top of fish, screw into top of fish and begin jarring on fish			
Remarks			

Mud Checks

Time 06:00	Type Oil Base	Depth (ftKB) 15,639.0	Density (lb/gal) 10.30	Vis (s/qt) 62	PV Calc (cP) 17.0	YP Calc (lbf/100ft²) 11.000
Gel (10s) (lbf/100ft²) 10.000	Gel (10m) (lbf/100ft²) 13.000	Gel (30m) (lbf/100ft²) 18.000	Filtrate (mL/30min)	Filter Cake (1/32")	pH	Solids (%) 10.0
MBT (lb/bbl)	Percent Oil (%) 78.0	Percent Water (%) 22.0	Chlorides (mg/L) 40,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 578.0

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...

Start Depth (ftKB) 15,639.0	End Depth (ftKB) 15,639.0
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)

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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) 95.0	Road Condition Good	Hole Condition Good				
Operations at Report Time TOOH @ 1500'		Operations Next Report Period Finish TOOH, L/D jars and collars, set retrievable bridge plug, displace hole					
Operations Summary Continue jarring on fish w/ no success, R/U wireline and run freepoint to 8423', pull freepoint tool, m/u perforating charges and RIH to 8423' and perforate drill string, gained 1500 psi of pressure before bleeding off, L/D perforating tools, m/u back off tools and RIH to 7826' and back off, pull back off tools out of hole, attempt to circulate and pull drill string out of hole w/ no success, m/u back off tools and RIH to 7735' and attempt to back off w/ no success, pull back off tools out of hole, RIH w/ freepoint tools and determine 100% stuck up to 7550', free @ 7505', pull free point tools out of hole and m/u back off tools, RIH to 7505' w/ back off tools and back off w/ success, pull back off tools out of hole, TOOH to 1500'							
Remarks							
Mud Checks							
Time 06:00	Type Oil Base	Depth (ftKB) 15,639.0	Density (lb/gal) 10.15	Vis (s/qt) 62	PV Calc (cP) 17.0	YP Calc (lb/100ft²) 11.000	
Gel (10s) (lb/100ft²) 10.000	Gel (10m) (lb/100ft²) 13.000	Gel (30m) (lb/100ft²) 18.000	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) 40,000.000	Calcium (mg/L) 27,000.000	Potassium (mg/L)	Electric Stab (V) 578.0	
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) 15,639.0	End Depth (ftKB) 15,639.0
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 (°)
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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) 105.0		Road Condition Good		Hole Condition Good	
Operations at Report Time LDDP				Operations Next Report Period LDDP, finish cleaning pits, rig, and frac tanks, finish pipe inspection, nipple down bop's, start moving rig			
Operations Summary Finish TOO H, L/D collars and fishing tools, R/U wireline and RIH w/ retrievable bridge plug and set @ 7000', R/D wireline and TIH to 6800', displace OBM out of hole, begin cleaning pits, start Cat4 pipe inspection and LDDP							
Remarks							
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) 15,639.0		End Depth (ftKB) 15,639.0	
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
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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) 110.0		Road Condition Good		Hole Condition Good	
Operations at Report Time Nipple down bop's				Operations Next Report Period Finish nipple down, finish cleaning pits, start rigging down			
Operations Summary Continue cleaning pits, continue pipe inspection, Finish LDDP, Start Nipple down, start rig washing							
Remarks							
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 (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)
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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)