

Well Name UNIVERSITY 2-23 #2	Property Sub 927662-002	API/UWI 42-383-36649-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

<b>Report Date: 8/4/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 1.00	Days on Location (days) 1.00	End Depth (ftKB) 672.0	End Depth (TVD) (ftKB) 672.0	Last Mud Check Density (lb/gal)	
Cum Field Est To Date (Cost) 199,480.00			Daily Field Est Total (Cost) 199,480.00		

Operations Summary  
DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, CIRC, TOH, TU & RUN CSG, CIRC, CEMENT CSG, WOC

Remarks  
SPUD 11" HOLE @ 6:00 A.M. 8-3-10. TD'D 11" HOLE @

<b>Report Date: 8/5/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 2.00	Days on Location (days) 2.00	End Depth (ftKB) 1,961.0	End Depth (TVD) (ftKB) 1,960.9	Last Mud Check Density (lb/gal) 8.60	
Cum Field Est To Date (Cost) 226,055.00			Daily Field Est Total (Cost) 26,575.00		

Operations Summary  
WOC, TIH, DRLD CMT, DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

<b>Report Date: 8/6/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 3.00	Days on Location (days) 3.00	End Depth (ftKB) 3,504.0	End Depth (TVD) (ftKB) 3,503.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 236,149.00			Daily Field Est Total (Cost) 10,094.00		

Operations Summary  
DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

<b>Report Date: 8/7/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 4.00	Days on Location (days) 4.00	End Depth (ftKB) 4,671.0	End Depth (TVD) (ftKB) 4,670.9	Last Mud Check Density (lb/gal) 10.00	
Cum Field Est To Date (Cost) 246,303.00			Daily Field Est Total (Cost) 10,154.00		

Operations Summary  
DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

<b>Report Date: 8/8/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 5.00	Days on Location (days) 5.00	End Depth (ftKB) 5,804.0	End Depth (TVD) (ftKB) 5,803.9	Last Mud Check Density (lb/gal) 8.80	
Cum Field Est To Date (Cost) 256,196.00			Daily Field Est Total (Cost) 9,893.00		

Operations Summary  
DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

<b>Report Date: 8/9/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 6.00	Days on Location (days) 6.00	End Depth (ftKB) 7,706.0	End Depth (TVD) (ftKB) 7,705.9	Last Mud Check Density (lb/gal) 9.00	
Cum Field Est To Date (Cost) 269,525.00			Daily Field Est Total (Cost) 13,329.00		

Operations Summary  
DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, RIG REPAIR, DRLG, SURVEY, DRLG

Remarks

Well Name UNIVERSITY 2-23 #2	Property Sub 927662-002	API/UWI 42-383-36649-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

**Report Date: 8/10/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 7.00	Days on Location (days) 7.00	End Depth (ftKB) 7,823.0	End Depth (TVD) (ftKB) 7,822.9	Last Mud Check Density (lb/gal) 8.80
Cum Field Est To Date (Cost) 282,940.00		Daily Field Est Total (Cost) 13,415.00		

Operations Summary  
DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, CIRC, DROP TOTCO, TOH

Remarks

**Report Date: 8/11/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 8.00	Days on Location (days) 8.00	End Depth (ftKB) 7,823.0	End Depth (TVD) (ftKB) 7,822.9	Last Mud Check Density (lb/gal) 8.80
Cum Field Est To Date (Cost) 292,612.00		Daily Field Est Total (Cost) 9,672.00		

Operations Summary  
TOH, LD TRI & SQUARE, CUTDL, TIH, CIRC FOR PRESS LOSS, TOH, CHECK FOR PRESS, LD LAST DC, CLEAN BIT, TIH, CIRC, TIH, CIRC, TIH, WTB

Remarks

**Report Date: 8/12/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 9.00	Days on Location (days) 9.00	End Depth (ftKB) 8,797.0	End Depth (TVD) (ftKB) 8,796.9	Last Mud Check Density (lb/gal) 8.80
Cum Field Est To Date (Cost) 302,966.00		Daily Field Est Total (Cost) 10,354.00		

Operations Summary  
DRLG, SERVICE RIG, DRLG, SURVEY, DRLG

Remarks

**Report Date: 8/13/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 10.00	Days on Location (days) 10.00	End Depth (ftKB) 9,269.0	End Depth (TVD) (ftKB) 9,268.9	Last Mud Check Density (lb/gal) 8.90
Cum Field Est To Date (Cost) 320,880.00		Daily Field Est Total (Cost) 17,914.00		

Operations Summary  
SURVEY, DRLG, SERVICE RIG, DRLG

Remarks

**Report Date: 8/14/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 11.00	Days on Location (days) 11.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90
Cum Field Est To Date (Cost) 332,043.00		Daily Field Est Total (Cost) 11,163.00		

Operations Summary  
DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG, CIRC, PUMP STARCH, LDDP

Remarks

TD'D 7-7/8" HOLE @ 1:00 A.M. 8-14-10

**Report Date: 8/15/2010**

Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PATTERSON - UTI 196	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00
Days From Spud (days) 12.00	Days on Location (days) 12.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90
Cum Field Est To Date (Cost) 576,058.00		Daily Field Est Total (Cost) 244,015.00		

Operations Summary  
LDDP & DC'S, RU & RUN CSG, CIRC, RU & CEMENT CSG, WOC, RDMORT

Remarks

RYTE-WRAP FROM 6266' TO 3373'. NO FRAC RING. MARKER JT FROM 6479' TO 6470'. PBTD @ 9862'. RELEASED RIG @ 2:30 A.M. 8-15-10.

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County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

<b>Report Date: 9/8/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) HALLIBURTON	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 36.50	Days on Location (days) 12.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 576,058.00			Daily Field Est Total (Cost)		

**Operations Summary**

HALLIBURTON RAN GR/N/CCL. DATUM ELEV 2637 GL 2651 KB  
 LOG TOP U. SPBY 6275 (-3624)  
 LOG TOP L. SPBY 6846 (-4195)  
 LOG TOP DEAN 7659 (-5008)  
 BASE DEAN 7836 (-5185)  
 PBTB 9862  
 TD 9878  
 FR N/A

**SPOTTED ACID W/ WIRELINE DUMP BAILER**

PERF'D 1ST MIDDLE WOLF INTERVAL W/ 3 SPF @ 9493'-9496,9604'-9608',9656'-9660' & 9694'-9698' (57 HOLES).  
 BREAK DOWN 1ST MIDDLE WOLF PERFS W/ 3000 GAL 15% HCL ACID. BDP 3,632 PSI.  
 SD FRAC 1ST MIDDLE WOLF FMT W/ 153,408 GALS 10# LINEAR GEL & 81,460# 20/40 BRADY SAND. SPOT 1680 GAL 15% HCL ACID ACROSS 2ND MIDDLE WOLF INTERVAL ON FLUSH.  
 MAX RATE 50 BPM @ 5272 PSIG. ISIP - 3031 PSIG.

**SET SOLID COMPOSITE PLUG @ 9,455'-TESTED**

PERF'D 2ND MIDDLE WOLF INTERVAL W/ 3 SPF @ 9229'-9232',9293'-9296',9329'-9332' & 9421'-9424' (48 HOLES).  
 BREAK DOWN 2ND MIDDLE WOLF PERFS W/ SPOT ACID GAL 15% HCL ACID. BDP 3,491 PSI.  
 SD FRAC 2ND MIDDLE WOLF FMT W/ 184,002 GALS 10# XL-ASSIST GEL & 82,627# 20/40 BRADY SAND. SPOT 1680 GAL 15% HCL ACID ACROSS 3RD MIDDLE WOLF INTERVAL ON FLUSH.  
 MAX RATE 52 BPM @ 5877 PSIG. ISIP - 3197 PSIG.

**SET SOLID COMPOSITE PLUG @ 8,990'-TESTED**

PERF'D 3RD MIDDLE WOLF INTERVAL W/ 3 SPF @ 8880'-8886' & 8934'-8940' (42 HOLES).  
 BREAK DOWN 3RD MIDDLE WOLF PERFS W/ SPOT ACID GAL 15% HCL ACID. BDP 3,737 PSI.  
 SD FRAC 3RD MIDDLE WOLF FMT W/ 131,502 GALS 10# XL-ASSIST GEL & 75,486# 20/40 BRADY SAND. SPOT 1680 GAL 15% HCL ACID ACROSS 4TH MIDDLE WOLF INTERVAL ON FLUSH.  
 MAX RATE 51 BPM @ 5618 PSIG. ISIP - 3331 PSIG.

**Remarks**

SET SOLID COMPOSITE PLUG @ 8795'-TESTED  
 PERF'D 4TH MIDDLE WOLF INTERVAL W/ 3 SPF @ 8579'-8582'; 8613'-8616'; 8661'-8664'; 8705'-8708' & 8757'-8760' (60 HOLES).  
 BREAK DOWN 4TH MIDDLE WOLF PERFS W/ SPOT ACID GAL 15% HCL ACID. BDP 3014 PSI.  
 SD FRAC 4TH MIDDLE WOLF FMT W/ 199,752 GALS 10# LINEAR GEL & 117,279# 20/40 BRADY SAND. SPOT 1680 GAL 15% HCL ACID ACROSS 5TH MIDDLE WOLF INTERVAL ON FLUSH.  
 MAX RATE 52 BPM @ 5243 PSIG. ISIP - 3200 PSIG.

**SET SOLID COMPOSITE PLUG @ 8510'-TESTED**

PERF'D 5TH MIDDLE WOLF INTERVAL W/ 3 SPF @ 8310'-8314'; 8344'-8348' & 8472'-8476' (45 HOLES). BREAK DOWN 5TH MIDDLE WOLF PERFS W/ SPOT ACID GAL 15% HCL ACID. BDP 2820 PSI.  
 SD FRAC 5TH MIDDLE WOLF FMT W/ 156,156 GALS 10# LINEAR GEL & 86,656# 20/40 BRADY SAND. SPOT 1680 GAL 15% HCL ACID ACROSS UPPER WOLF INTERVAL ON FLUSH.  
 MAX RATE 52 BPM @ 4854 PSIG. ISIP - 2500 PSIG.

**SET SOLID COMPOSITE PLUG @ 8220' - TESTED**

PERF'D UPPER WOLF INTERVAL W/ 3 SPF @ 7902'-7905'; 7977'-7980'; 8060'-8063'; 8138'-8141' & 8180'-8183' (60 HOLES).  
 BREAK DOWN UPPER WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1934 PSI.  
 SD FRAC UPPER WOLF W/ 175,950 GALS 10# LINEAR GEL & 109,820# BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS DEAN INTERVAL ON FLUSH. MAX RATE 52 BPM @ 4499 PSIG. ISIP - 1471 PSIG.

**SET SOLID COMPOSITE PLUG @ 7835' - TESTED**

PERF'D DEAN INTERVAL W/ 3 SPF @ 7653'-7656'; 7709'-7712 & 7784'-7788' (39 HOLES).  
 BREAK DOWN DEAN PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1013 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  
 SD FRAC DEAN W/ 74,394 GALS 15# XLINK GEL & 139,132# 20/40 BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS LOWER SPBY ON FLUSH.  
 MAX RATE 45 BPM @ 3295 PSIG. ISIP - 1715 PSIG.

FRAC CONT'D ON 9-9-10

Well Name UNIVERSITY 2-23 #2	Property Sub 927662-002	API/UWI 42-383-36649-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

<b>Report Date: 9/9/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) HALLIBURTON	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 37.50	Days on Location (days) 12.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,027,426.00			Daily Field Est Total (Cost) 451,368.00		

**Operations Summary**  
FRAC CONTINUED FROM 9-8-10:

PERF'D LOWER SPBY INTERVAL W/ 3 SPF @ 7105'-7108'; 7164'-7168' & 7258'-7260' (36 HOLES).  
BREAK DOWN LOWER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1434 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  
SD FRAC LOWER SPBY INTERVAL W/ 72,252 GALS 20# XLINK GEL & 168,526# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS MIDDLE SPBY INTERVAL ON FLUSH. MAX RATE 45 BPM @ 3202 PSIG. ISIP - 800 PSIG.

SET SOLID COMPOSITE PLUG @ 7070' - TESTED  
PERF'D MIDDLE SPBY INTERVAL W/ 3 SPF @ 6892'-6896'; 6985'-6988' & 7041'-7044' (39 HOLES).  
BREAK DOWN MIDDLE SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1147 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  
SD FRAC MIDDLE SPBY INTERVAL W/ 60,702 GALS 20# XLINK GEL & 142,134# 16/30 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER SPBY INTERVAL ON FLUSH.  
MAX RATE 46 BPM @ 3166 PSIG. ISIP - 1128 PSIG.

SET SOLID COMPOSITE PLUG @ 6600' - TESTED  
PERF'D UPPER SPBY INTERVAL W/ 3 SPF @ 6296'-6300' & 6430'-6434' (30 HOLES).  
BREAK DOWN UPPER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 2176 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  
SD FRAC UPPER SPBY W/ 53,844 GALS 20# XLINK GEL & 96,260# 16/30 BRADY SAND.  
MAX RATE 45 BPM @ 3254 PSIG. ISIP - 1270 PSIG.

TBLWTR - 31,618 BBLS

<b>Report Date: 9/13/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 41.50	Days on Location (days) 12.50	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,131,776.00			Daily Field Est Total (Cost) 104,350.00		

**Operations Summary**  
MIRU PNR RIG 14. ND FRAC VALVE. NU WELL HEAD & BOP. READY TO PICK UP TBG IN THE AM. SHUT DOWN OVER NIGHT

<b>Report Date: 9/14/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 42.50	Days on Location (days) 12.50	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,136,926.00			Daily Field Est Total (Cost) 5,150.00		

**Operations Summary**  
PU 3 7/8" BEAR CLAW BIT. BROKE CIRC, DRILL OUT PLUG, CIRC CLEAN

<b>Report Date: 9/15/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 14	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 43.50	Days on Location (days) 13.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,143,566.00			Daily Field Est Total (Cost) 6,640.00		

**Operations Summary**  
TAG FILL @ 6401'. WASH DN TO 6600', TAG FILL @ 6921' WASH DOWN TO 7070'. TIH W TBG TAG @ 7490' BROKE CIR WASH DN TO 7835.

Remarks

Well Name UNIVERSITY 2-23 #2	Property Sub 927662-002	API/UWI 42-383-36649-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

<b>Report Date: 9/16/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 14	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 44.50	Days on Location (days) 13.50	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,151,206.00			Daily Field Est Total (Cost) 7,640.00		

Operations Summary  
 DRILL OUT PLUG @7835'. CIRC CLEAN, TIH W/TBG. TAG FILL @ 8122'. BROKE CIRC WASH DN TO 8220'  
 Remarks

<b>Report Date: 9/17/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 14	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 45.50	Days on Location (days) 14.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,188,471.00			Daily Field Est Total (Cost) 37,265.00		

Operations Summary  
 BLED OFF 750-PSI PUMPED 40 BBLS BRINE WTR. TIH W/TBG, TAG @ 8921'. BROKE CIRC. WASH DN TO 8990'. TAG FILL @ 9384'. BROKE CIRC, WASH DN TO 9455'. TAG FILL @ 9711' BROKE CIRC. WASH DN TO 9862' @ PBD  
 Remarks

<b>Report Date: 9/20/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 14	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 48.50	Days on Location (days) 14.50	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,193,861.00			Daily Field Est Total (Cost) 5,390.00		

Operations Summary  
 TBG DETAIL:  
 180- 2 3/8" TBG  
 10- 2 3/8" ENDURALLOY TBG  
 1- 2" SN @ 6160'  
 1- 4 1/2" X 2 3/8" TAC  
 2 7/8" SLOTTED MUT JT  
 1- 2 3/8" TBG W/ BP  
 Remarks

<b>Report Date: 9/21/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 14	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 49.50	Days on Location (days) 15.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,197,436.00			Daily Field Est Total (Cost) 3,575.00		

Operations Summary  
 ROD DETAIL:  
 1- 7/8" STEEL ROD  
 80- 1" FIBERGLASS RODS  
 98- 7/8" STEEL RODS  
 25- 1 1/2" K-BARS  
 TK-90- ON/OFF TOOL  
 2" X 1.25" X 20' PUMP  
 #PPT-3370  
 Remarks

LEFT ON LOCATION:  
 128- JTS 2 3/8" TBG  
 1- 7/8" STEEL ROD

# PIONEER

NATURAL RESOURCES

## Well Chronology Report

Well Name UNIVERSITY 2-23 #2	Property Sub 927662-002	API/UWI 42-383-36649-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/3/2010		
Surface Legal Location 810' FSL & 860' FWL, SEC. 23, BLK.2, UNIVERSITY LANDS SURVEY			Spud Date 8/3/2010	Original KB Elevation (ft) 2,651.00	Ground Elevation (ft) 2,637.00

<b>Report Date: 10/11/2010</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 018254	Total AFE Amount (Cost) 1,260,000.00	
Days From Spud (days) 69.00	Days on Location (days) 15.00	End Depth (ftKB) 9,878.0	End Depth (TVD) (ftKB) 9,877.9	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 1,197,436.00			Daily Field Est Total (Cost)		

Operations Summary  
DAILY WELL TEST  
(AFTER COMPLETION)

09/22/10 - POP  
 09/23/10 - 22 BO, 273 BW & 0 MCF  
 09/24/10 - 36 BO, 327 BW & 31 MCF  
 09/25/10 - 27 BO, 246 BW & 29 MCF  
 09/26/10 - 30 BO, 216 BW & 32 MCF  
 09/27/10 - 36 BO, 199 BW & 31 MCF  
 09/28/10 - 35 BO, 176 BW & 31 MCF  
 09/29/10 - 103 BO, 320 BW & 76 MCF  
 09/30/10 - 36 BO, 180 BW & 36 MCF  
 10/1/10 - 49 BO, 196 BW & 39 MCF  
 10/2/10 - 52 BO, 200 BW & 40 MCF  
 10/3/10 - 50 BO, 210 BW & 36 MCF  
 10/4/10 - 46 BO, 191 BW & 38 MCF  
 10/5/10 - 30 BO, 191 BW & 31 MCF  
 10/6/10 - 33 BO, 177 BW & 27 MCF  
 10/7/10 - 49 BO, 180 BW & 31 MCF  
 10/8/10 - 40 BO, 180 BW & 31 MCF  
 10/9/10 - 41 BO, 158 BW & 34 MCF  
 10/10/10 - 20 BO, 151 BW & 31 MCF  
 10/11/10 - 56 BO, 187 BW & 34 MCF. IP WELL W/ 43.3 DEG. GRAVITY

Remarks  
COMPLETION IP: 10/11/10 - 56 BO, 187 BW & 34 MCF. IP WELL W/ 43.3 DEG. GRAVITY

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