

Well Name UNIVERSITY 2-32 #3	Property Sub 927369-003	API/UWI 42-383-37375-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/15/2011		
Surface Legal Location 660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND	Spud Date 8/15/2011	Original KB Elevation (ft) 2,637.00	Ground Elevation (ft) 2,619.00		

Report Date: 8/16/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 1	Days on Location (days) 1	End Depth (ftKB) 582.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	
Cum Field Est To Date (Cost) 180,692.00			Daily Field Est Total (Cost) 180,692.00		

Operations Summary MIRURT, MU BHA & BIT #1, DRLG, CIRC, TOOH					
Remarks SPUD 11" HOLE@ 4:00 PM. 8-15-2011 TD'D 11" HOLE @ 4:00 AM. 8-16-2011.					

Report Date: 8/17/2011				
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00
Days From Spud (days) 2	Days on Location (days) 2	End Depth (ftKB) 870.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 8.40
Cum Field Est To Date (Cost) 209,030.00		Daily Field Est Total (Cost) 28,338.00		

Operations Summary LDDC'S, RU CSG CREW & RUN 8 5/8" CSG, RU CEMENTERS & CEMENT 8 5/8" CSG, WOC, NU & TEST BOP, MU NEW BHA & TIH W/BIT #2, TEST HYDRIL, DRLG, CEMENT, DRLG					
Remarks					

Report Date: 8/18/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 3	Days on Location (days) 3	End Depth (ftKB) 3,154.0	End Depth (TVD) (ftKB) 3,154.0	Last Mud Check Density (lb/gal) 8.80	
Cum Field Est To Date (Cost) 224,620.00		Daily Field Est Total (Cost) 15,590.00			

Operations Summary DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG					
Remarks					

Report Date: 8/19/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 4	Days on Location (days) 4	End Depth (ftKB) 5,174.0	End Depth (TVD) (ftKB) 5,173.9	Last Mud Check Density (lb/gal) 8.80	
Cum Field Est To Date (Cost) 240,518.00		Daily Field Est Total (Cost) 15,898.00			

Operations Summary DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG					
Remarks					

Report Date: 8/20/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 5	Days on Location (days) 5	End Depth (ftKB) 6,879.0	End Depth (TVD) (ftKB) 6,878.8	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 255,869.00		Daily Field Est Total (Cost) 15,351.00			

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

Report Date: 8/21/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 6	Days on Location (days) 6	End Depth (ftKB) 7,919.0	End Depth (TVD) (ftKB) 7,918.8	Last Mud Check Density (lb/gal) 8.90	
Cum Field Est To Date (Cost) 271,202.00			Daily Field Est Total (Cost) 15,333.00		

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

# PIONEER

## NATURAL RESOURCES

### Well Chronology Report

Well Name UNIVERSITY 2-32 #3	Property Sub 927369-003	API/UWI 42-383-37375-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/15/2011		
Surface Legal Location 660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND	Spud Date 8/15/2011	Original KB Elevation (ft) 2,637.00	Ground Elevation (ft) 2,619.00		

Report Date: 8/22/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 7	Days on Location (days) 7	End Depth (ftKB) 9,070.0	End Depth (TVD) (ftKB) 9,069.8	Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 291,614.00		Daily Field Est Total (Cost) 20,412.00			
Operations Summary DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG					
Remarks					

Report Date: 8/23/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER DRILLING CO. 20	
				AFE Number 021182	
Total AFE Amount (Cost) 1,861,100.00					
Days From Spud (days) 8		Days on Location (days) 8		End Depth (ftKB) 9,696.0	
				End Depth (TVD) (ftKB) 9,695.7	
Last Mud Check Density (lb/gal) 9.10					
Cum Field Est To Date (Cost) 306,815.00			Daily Field Est Total (Cost) 15,201.00		
Operations Summary DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG					
Remarks					

Report Date: 8/24/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM	Rig (Names) PIONEER DRILLING CO. 20	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00
Days From Spud (days) 9		Days on Location (days) 9	End Depth (ftKB) 10,255.0	End Depth (TVD) (ftKB) 10,254.7	Last Mud Check Density (lb/gal) 9.10
Cum Field Est To Date (Cost) 322,016.00			Daily Field Est Total (Cost) 15,201.00		
Operations Summary DRLG, SERVICE RIG, DRLG, SURVEY, DRLG					
Remarks					

Report Date: 8/25/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER DRILLING CO. 20	
Days From Spud (days) 10		Days on Location (days) 10		AFE Number 021182	
		End Depth (ftKB) 10,413.0		Total AFE Amount (Cost) 1,861,100.00	
				End Depth (TVD) (ftKB)	
				Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 522,324.00		Daily Field Est Total (Cost) 200,308.00			
Operations Summary DRLG, CIRC, RU LD TRUCK, LDDP, SERVICE RIG, LDDP & BREAK KELLY, RU CSG CREW, RUN 4 1/2" CSG, W/O CASING TONGS					
Remarks					

Report Date: 8/26/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER DRILLING CO. 20	
AFE Number 021182		Total AFE Amount (Cost) 1,861,100.00			
Days From Spud (days) 11		Days on Location (days) 11		End Depth (ftKB) 10,413.0	
End Depth (TVD) (ftKB)		Last Mud Check Density (lb/gal) 9.10			
Cum Field Est To Date (Cost) 735,221.00			Daily Field Est Total (Cost) 212,897.00		
Operations Summary FINISH RUNNING 4 1/2" CSG, CIRC, RU SCHLUMBEGE CEMENTERS & CEMENT 4 1/2" CSG, WOC, RDMORT					
Remarks RYTE WRAP FROM 6590' TO 3434'. NO FRAC RING. MARKER JT FROM 6806' TO 6796'. PBTD @ 10,395'. RELEASED RIG @ 7:00 PM. 8-25-2011.					

Well Name UNIVERSITY 2-32 #3	Property Sub 927369-003	API/UWI 42-383-37375-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/15/2011		
Surface Legal Location 660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND	Spud Date 8/15/2011	Original KB Elevation (ft) 2,637.00	Ground Elevation (ft) 2,619.00		

Report Date: 11/30/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BAKER HUGHES 1	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 107	Days on Location (days) 11	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 735,221.00		Daily Field Est Total (Cost)			

<b>Operations Summary</b> BAKER HUGHES RAN GR/N/CCL. DATUM ELEV 2619 GL 2637 KB LOG TOP U. SPBY 6484 (-3847) LOG TOP L. SPBY 7045 (-4408) LOG TOP DEAN 7856 (-5219) BASE DEAN 8040 (-5403) STRAWN 10210 (-7573) PBTB 10395 TD 10414 FR N/A					
SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D LOWER WOLF INTERVAL W/ 6 SPF @ 10069-10072, 10143-10146, 10180-10183 & 10244-10247 (96 HOLES). BREAK DOWN LOWER WOLF PERFS W/ 3000 GAL 15% HCL ACID. BDP 4641 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC LOWER WOLF W/ 146,780 GALS 12# XL ASSIST GEL & 116,672 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 1ST MIDDLE WOLF INTERVAL ON FLUSH. MAX RATE 63 BPM @ 6416 PSIG. ISIP - 3991					
SET SOLID COMPOSITE PLUG @ 10,030' PERF'D 1ST MIDDLE WOLF INTERVAL W/ 6 SPF @ 9857-9861, 9932-9936 & 9988-9992 (90 HOLES). BREAK DOWN 1ST MIDDLE WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 4271 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC 1ST MIDDLE WOLF W/ 139,678 GALS 12# XL ASSIST GEL & 108,103 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 2ND MIDDLE WOLF INTERVAL ON FLUSH. MAX RATE 57 BPM @ 6382 PSIG. ISIP - 4479.					
<b>Remarks</b> SET SOLID COMPOSITE PLUG @ 9560' PERF'D 2ND MIDDLE WOLF INTERVAL W/ 6 SPF @ 9313-9315, 9374-9377, 9421-9423 & 9497-9501 (90 HOLES). BREAK DOWN 2ND MIDDLE WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 5470 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC 2ND MIDDLE WOLF W/ 156,987 GALS 12# XL ASSIST GEL & 127,661 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 3RD MIDDLE WOLF INTERVAL ON FLUSH. MAX RATE 65 BPM @ 6360 PSIG. ISIP - 3726.					
SET SOLID COMPOSITE PLUG @ 9020' PERF'D 3RD MIDDLE WOLF INTERVAL W/ 6 SPF @ 8817-8820, 8901-8904, 8938-8941 7 8970-8973 (96 HOLES). BREAK DOWN 3RD MIDDLE WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 3959 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC 3RD MIDDLE WOLF W/ 156,983 GALS 12# XL ASSIST GEL & 127,108 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 4TH MIDDLE WOLF INTERVAL ON FLUSH. MAX RATE 65 BPM @ 6478 PSIG. ISIP - 3149 .					
SET SOLID COMPOSITE PLUG @ 8720' PERF'D 4TH MIDDLE WOLF INTERVAL W/ 6 SPF @ 8441-8444, 8526-8529, 8568-8571 & 8663-8666 (96 HOLES). BREAK DOWN 4TH MIDDLE WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 3323 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC 4TH MIDDLE WOLF W/ 141,796 GALS 12# XL ASSIST GEL & 116,344 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER WOLF INTERVAL ON FLUSH. MAX RATE 66 BPM @ 5258 PSIG. ISIP - 2949 .					
SET SOLID COMPOSITE PLUG @ 8420' PERF'D UPPER WOLF INTERVAL W/ 6 SPF @ 8257-8261, 8315-8319 & 8374-8378 (90 HOLES). BREAK DOWN UPPER WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 3360 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC UPPER WOLF W/ 151,987 GALS 12# XL ASSIST GEL & 151,430 #20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS DEAN INTERVAL ON FLUSH. MAX RATE 66 BPM @ 5405 PSIG. ISIP - 2727.					
FRAC CONTINUED ON: 12/1/11					

Well Name <b>UNIVERSITY 2-32 #3</b>	Property Sub <b>927369-003</b>	API/UWI <b>42-383-37375-0000</b>	Operator <b>PIONEER NATURAL RESRC USA, INC</b>	WI (%)	Net Int (%)
County <b>REAGAN</b>	State <b>TEXAS</b>	Field Name <b>SPRABERRY (TREND AREA)</b>	Spud Date <b>8/15/2011</b>		
Surface Legal Location <b>660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND</b>	Spud Date <b>8/15/2011</b>	Original KB Elevation (ft) <b>2,637.00</b>	Ground Elevation (ft) <b>2,619.00</b>		

Report Date: 12/1/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) BAKER HUGHES 1	
				AFE Number 021182	
Days From Spud (days) 108		Days on Location (days) 11		End Depth (ftKB) 10,413.0	
				End Depth (TVD) (ftKB)	
				Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost)		1,462,235.00		Daily Field Est Total (Cost) 727,014.00	
Operations Summary FRAC CONTINUED FROM: 11/30/11  SET SOLID COMPOSITE PLUG @ 8080' PERF'D DEAN INTERVAL W/ 3 SPF @ 7912-7916, 7981-7985 & 8034-8038 (45 HOLES). BREAK DOWN DEAN PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1825 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD. SD FRAC DEAN W/ 48,445 GALS 15# XLINK GEL & 148,826 # 20/40 BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS 1ST LOWER SPBY INTERVAL ON FLUSH. MAX RATE 46 BPM @ 3295 PSIG. ISIP - 1729 .  SET NO PLUG PERF'D 1ST LOWER SPBY INTERVAL W/ 3 SPF @ 7301-7305 & 7366-7375 (45 HOLES). BREAK DOWN 1ST LOWER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1337 PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC 1ST LOWER SPBY W/ 72,193 GALS 18# XLINK GEL & 163,897 #20/40 BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS 2ND LOWER SPBY ON FLUSH. MAX RATE 47 BPM @ 2244 PSIG. ISIP - 798.  SET SOLID COMPOSITE PLUG @ 7280' PERF'D 2ND LOWER SPBY INTERVAL W/ 3 SPF @ 7104-7108, 7193-7197 & 7236-7240 (45 HOLES). BREAK DOWN 2ND LOWER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 881 PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC 2ND LOWER SPBY INTERVAL W/ 54,197 GALS 18# XLINK GEL & 118,921 #20/40, 16/30 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER SPBY INTERVAL ON FLUSH. MAX RATE 46 BPM @ 2391 PSIG. ISIP - 763.  SET SOLID COMPOSITE PLUG @ 6680' PERF'D UPPER SPBY INTERVAL W/ 3 SPF @ 6500-6504 & 6625-6629 (30 HOLES). BREAK DOWN UPPER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1255 PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC UPPER SPBY INTERVAL W/ 73,338 GALS 25# XLINK GEL & 173,688 #16/30 BRADY SAND. MAX RATE 46 BPM @ 2372 PSIG. ISIP - 603.  TBLWTR - 28,603 BBLS					
Remarks					

Report Date: 12/16/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 3	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 123	Days on Location (days) 12	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 1,467,090.00		Daily Field Est Total (Cost) 4,855.00			
Operations Summary MIRU.					
Remarks					

Remarks					
Report Date: 12/17/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER WELL SERVICE 3	
Days From Spud (days) 124		Days on Location (days) 12		AFE Number 021182	
		End Depth (ftKB) 10,413.0		Total AFE Amount (Cost) 1,861,100.00	
				End Depth (TVD) (ftKB)	
				Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 1,471,945.00				Daily Field Est Total (Cost) 4,855.00	
Operations Summary D/O PLUG @ 6680'.					
Remarks					

Report Date: 12/19/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER WELL SERVICE 3	
				AFE Number 021182	
Total AFE Amount (Cost) 1,861,100.00					
Days From Spud (days) 126		Days on Location (days) 13		End Depth (ftKB) 10,413.0	
				End Depth (TVD) (ftKB)	
Last Mud Check Density (lb/gal) 9.10					
Cum Field Est To Date (Cost) 1,478,957.00				Daily Field Est Total (Cost) 7,012.00	
Operations Summary D/O PLUGS @ 7280', 8080' & 8420'.					
Remarks					

Well Name <b>UNIVERSITY 2-32 #3</b>	Property Sub <b>927369-003</b>	API/UWI <b>42-383-37375-0000</b>	Operator <b>PIONEER NATURAL RESRC USA, INC</b>	WI (%)	Net Int (%)
County <b>REAGAN</b>	State <b>TEXAS</b>	Field Name <b>SPRABERRY (TREND AREA)</b>	Spud Date <b>8/15/2011</b>		
Surface Legal Location <b>660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND</b>	Spud Date <b>8/15/2011</b>	Original KB Elevation (ft) <b>2,637.00</b>	Ground Elevation (ft) <b>2,619.00</b>		

Report Date: 12/20/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 3	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 127	Days on Location (days) 14	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 1,485,779.00		Daily Field Est Total (Cost) 6,822.00			
Operations Summary D/O PLUGS @ 8720' & 9020'.					
Remarks					

Report Date: 12/21/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 3	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00
Days From Spud (days) 128		Days on Location (days) 13	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 9.10
Cum Field Est To Date (Cost) 1,478,957.00			Daily Field Est Total (Cost)		
Operations Summary E & P RAN GR/N/CCL. DATUM ELEV 2857 GL 2874 KB LOG TOP U. SPBY 8092 (-5218) LOG TOP L. SPBY 8614 (-5740) LOG TOP DEAN 9388 (-6514) BASE DEAN 9624 (-6750) STRAWN 11110 (-8236) PBDT 11702 TD 11726					

1)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D ATOKA DETRITAL INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN ATOKA DETRITAL PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC ATOKA DETRITAL W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS ATOKA BEND INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
2)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D ATOKA BEND INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN ATOKA BEND PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC ATOKA BEND W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS STRAWN INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
3)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D STRAWN INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN STRAWN PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC STRAWN W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 1ST LOWER WOLF INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
4)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D 1ST LOWER WOLF INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN 1ST LOWER WOLF PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC 1ST LOWER WOLF W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS 2ND LOWER WOLF INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
5)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D 2ND LOWER WOLF INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN 2ND LOWER WOLF PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC 2ND LOWER WOLF W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS MIDDLE WOLF INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
6)SPOTTED ACID W/ WIRELINE DUMP BAILER PERF'D MIDDLE WOLF INTERVAL W/ 3 SPF @ (60 HOLES). BREAK DOWN MIDDLE WOLF PERFS W/ 3000 GAL 15% HCL ACID. BDP PSI. 1 DRUM SCALE INHIBITOR IN PAD. SD FRAC MIDDLE WOLF W/ 129,654 GALS 10# LINEAR GEL & 61,382# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER WOLF INTERVAL ON FLUSH. MAX RATE 66 BPM @ 6320 PSIG. ISIP - 3365.					
FRAC CONT: 12-22-11					

Well Name <b>UNIVERSITY 2-32 #3</b>	Property Sub <b>927369-003</b>	API/UWI <b>42-383-37375-0000</b>	Operator <b>PIONEER NATURAL RESRC USA, INC</b>	WI (%)	Net Int (%)
County <b>REAGAN</b>	State <b>TEXAS</b>	Field Name <b>SPRABERRY (TREND AREA)</b>	Spud Date <b>8/15/2011</b>		
Surface Legal Location <b>660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND</b>	Spud Date <b>8/15/2011</b>	Original KB Elevation (ft) <b>2,637.00</b>	Ground Elevation (ft) <b>2,619.00</b>		

Report Date: 12/21/2011					
Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		Rig (Names) PIONEER WELL SERVICE 3	
				AFE Number 021182	
Days From Spud (days) 128		Days on Location (days) 14		Total AFE Amount (Cost) 1,861,100.00	
		End Depth (ftKB) 10,413.0		End Depth (TVD) (ftKB)	
				Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 1,493,022.00				Daily Field Est Total (Cost) 7,243.00	
Operations Summary D/O PLUGS @ 9580' & 10054'. WASH TO BPTD @ 10395'.					
Remarks					

Report Date: 12/22/2011					
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount (Cost)	
ORIG DRILL & COMPLETE	ODR & OCM	PIONEER WELL SERVICE 3	021182	1,861,100.00	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	
129	15	10,413.0		9.10	
Cum Field Est To Date (Cost)			Daily Field Est Total (Cost)		
1,499,624.00			6,602.00		
Operations Summary					
PUMPED 110 BBLS 10# B/W, WELL FLOWED BACK REST OF DAY.					
Remarks					

Report Date: 12/22/2011					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) PIONEER WELL SERVICE 3	AFE Number 021182	Total AFE Amount (Cost) 1,861,100.00	
Days From Spud (days) 129	Days on Location (days) 15	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal) 9.10	
Cum Field Est To Date (Cost) 1,499,624.00		Daily Field Est Total (Cost)			
Operations Summary FRAC CONTINUED FROM: 12-21-11					

<p>7)SET SOLID COMPOSITE PLUG @ ' - TESTED  PERF'D UPPER WOLF INTERVAL W/ 3 SPF @ (33 HOLES).  BREAK DOWN UPPER WOLF PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1498 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC UPPER WOLF INTERVAL W/ 58,464 GALS 15# XLINK GEL &amp; 143,488# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS DEAN INTERVAL ON FLUSH. MAX RATE 45 BPM @ 1874 PSIG. ISIP - 587.</p> <p>8)SET SOLID COMPOSITE PLUG @ 8430' - TESTED  PERF'D DEAN INTERVAL W/ 3 SPF @ (36 HOLES).  BREAK DOWN DEAN PERFS W/ SPOT ACID, 15% HCL ACID. BDP 2249 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC DEAN W/ 49,143 GALS 15# XLINK GEL &amp; 119,386# 20/40 BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS LOWER SPBY/SHALE ON FLUSH. MAX RATE 46 BPM @ 3013 PSIG. ISIP - 1433.</p> <p>9)SET SOLID COMPOSITE PLUG @ 8430' - TESTED  PERF'D LOWER SPBY/SHALE INTERVAL W/ 3 SPF @ (36 HOLES).  BREAK DOWN LOWER SPBY/SHALE PERFS W/ SPOT ACID, 15% HCL ACID. BDP 2249 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC LOWER SPBY/SHALE W/ 49,143 GALS 15# XLINK GEL &amp; 119,386# 20/40 BRADY SAND. SPOT 1500 GALS 15% HCL ACID ACROSS LOWER SPBY ON FLUSH. MAX RATE 46 BPM @ 3013 PSIG. ISIP - 1433.</p>					
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Remarks					
<p>10)SET SOLID COMPOSITE PLUG @ 7720' - TESTED  PERF'D LOWER SPBY INTERVAL W/ 3 SPF @ (48 HOLES).  BREAK DOWN LOWER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 4017 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC LOWER SPBY INTERVAL W/ 54,138 GALS 15# XLINK GEL &amp; 128,485# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS MIDDLE SPBY INTERVAL ON FLUSH. MAX RATE 46 BPM @ 2191 PSIG. ISIP - 66</p> <p>11)SET SOLID COMPOSITE PLUG @ 7720' - TESTED  PERF'D MIDDLE SPBY INTERVAL W/ 3 SPF @ (48 HOLES).  BREAK DOWN MIDDLE SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 4017 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC MIDDLE SPBY INTERVAL W/ 54,138 GALS 15# XLINK GEL &amp; 128,485# 20/40 BRADY SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER SPBY INTERVAL ON FLUSH.  MAX RATE 46 BPM @ 2191 PSIG. ISIP - 664.</p> <p>12)SET SOLID COMPOSITE PLUG @ 6918'.  PERF'D UPPER SPBY INTERVAL W/ 3 SPF @ 6669-6676 &amp; 6828-6832 (39 HOLES).  BREAK DOWN UPPER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 1252 PSI. 1 DRUM SCALE INHIBITOR IN PAD.  SD FRAC UPPER SPBY W/ 77,280 GALS 18# XLINK GEL &amp; 165,440# 20/40 BRADY SAND.  MAX RATE 50 BPM @ 2160 PSIG. ISIP - 612.</p>					
TBLWTR - 29,369 BBLs					

Well Name	Property Sub	API/UWI	Operator	WI (%)	Net Int (%)
UNIVERSITY 2-32 #3	927369-003	42-383-37375-0000	PIONEER NATURAL RESRC USA, INC		
County	State	Field Name	Spud Date		
REAGAN	TEXAS	SPRABERRY (TREND AREA)	8/15/2011		
Surface Legal Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)		
660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND	8/15/2011	2,637.00	2,619.00		

Report Date: 12/27/2011					
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount (Cost)	
ORIG DRILL & COMPLETE	ODR & OCM	PIONEER WELL SERVICE 3	021182	1,861,100.00	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	
134	15	10,413.0		9.10	
Cum Field Est To Date (Cost)		Daily Field Est Total (Cost)			
1,506,542.00				6,918.00	
Operations Summary					
RIH W/ PROD TBG, SET TAC, SN @ 6380'.					
Remarks					

Report Date: 12/28/2011					
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount (Cost)	
ORIG DRILL & COMPLETE	ODR & OCM	PIONEER WELL SERVICE 3	021182	1,861,100.00	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	
135	16	10,413.0		9.10	
Cum Field Est To Date (Cost)		Daily Field Est Total (Cost)			
1,630,244.00				123,702.00	
Operations Summary					
FINISH RUNNING RIDS, SEATED PUMP, LOADED TBG, RDMO.					
Remarks					
TUBING DETAILS:					
154 - 2 3/8" TBG					
50 - 2 3/8" IPC					
1 - 2 3/8" SN @ 6346					
1 - 2 3/8" SSN					
1 - 4 1/2" 'B' TAC					
1 - 2 7/8" MMA					
1 - 2 3/8" MMA					
RODS DETAILS:					
2 - 7/8" STEEL RODS					
80 - 1" F/G RODS					
106 - 7/8" STEEL RODS					
25 - K-BARS					
1 - TK-90 ON/OFF TOOL					
2" X 1.25" X 20' RHBC					
#PPT-4103					



# PIONEER

## NATURAL RESOURCES

### Well Chronology Report

Well Name UNIVERSITY 2-32 #3	Property Sub 927369-003	API/UWI 42-383-37375-0000	Operator PIONEER NATURAL RESRC USA, INC	WI (%)	Net Int (%)
County REAGAN	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 8/15/2011		
Surface Legal Location 660' FNL, 1980' FWL, SEC 32, BLK 2, UNIVERSITY LAND	Spud Date 8/15/2011	Original KB Elevation (ft) 2,637.00	Ground Elevation (ft) 2,619.00		

<b>Report Date: 1/20/2012</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 021182	Total AFE Amount (Cost)	1,861,100.00
Days From Spud (days) 158	Days on Location (days) 16	End Depth (ftKB) 10,413.0	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	9.10
Cum Field Est To Date (Cost)	1,630,244.00	Daily Field Est Total (Cost)			

Operations Summary DAILY WELL TEST: (AFTER COMPLETION)  12/31/11 - POP 1/2/12 - 0 BO, 0 BW & 32 MCF - F 1/3/12 - 41 BO, 199 BW & 28 MCF - P 1/4/12 - 65 BO, 219 BW & 60 MCF - P 1/5/12 - 58 BO, 217 BW & 57 MCF - P 1/6/12 - 50 BO, 209 BW & 45 MC F- P 1/7/12 - 50 BO, 191 BW & 57 MCF - P 1/8/12 - 47 BO, 180 BW & 58 MC F- P 1/9/12 - 30 BO, 178 BW & 54 MCF - P 1/10/12 - 51 BO, 161 BW & 41 MCF - P 1/11/12 - 73 BO, 164 BW & 57 MCF - P 1/12/12 - 49 BO, 158 BW & 55 MCF - P 1/13/12 - 51 BO, 142 BW & 32 MCF - P 1/14/12 - 68 BO, 160 BW & 52 MCF - P 1/15/12 - 53 BO, 154 BW & 52 MCF - P 1/16/12 - 49 BO, 158 BW & 55 MCF - P 1/17/12 - 78 BO, 161 BW & 51 MCF - P 1/18/12 - 56 BO, 149 BW & 37 MCF - P 1/19/12 - 58 BO, 151 BW & 67 MCF - P 1/20/12 - 63 BO, 135 BW & 34 MCF - P					
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Remarks					
Report Date: 1/26/2012					
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount (Cost)	
ORIG DRILL & COMPLETE	ODR & OCM		021182	1,861,100.00	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Last Mud Check Density (lb/gal)	
164	16	10,413.0		9.10	
Cum Field Est To Date (Cost)		Daily Field Est Total (Cost)			
		1,630,244.00			

Operations Summary DAILY WELL TEST: (AFTER COMPLETION)  1/21/12 - 58 BO, 139 BW & 35 MCF - P 1/22/12 - 60 BO, 145 BW & 39 MCF - P 1/23/12 - 48 BO, 151 BW & 40 MCF - P 1/24/12 - 52 BO, 149 BW & 39 MCF - P 1/25/12 - 43 BO, 146 BW ^ 40 MCF - P 1/26/12 - 53 BO, 150 BW & 45 MCF - IP WELL W/ 44.0 DEG. GRAVITY - P					
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Remarks	COMPLETION IP: 1/26/12 - 53 BO, 150 BW & 45 MCF - IP WELL W/ 44.0 DEG. GRAVITY
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