



## Well Chronology Report

Well Name UNIVERSITY 8 #6	Property Sub 315048-006	API/UWI 42-461-35631-0000	Operator PIONEER NATURAL RESRC USA, INC.	WI (%)	Net Int (%)
County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND		Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00	
<b>Report Date: 6/9/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 0	Days on Location (days) 1	Depth End (ftKB) 539.0	Depth End (TVD) (ftKB) 539.0	Last Mud Check Density (lb/gal)	
Cum Cost To Date 179,378.00		Daily Cost Total 179,378.00			
Operations Summary MIRU, DRLG					
Remarks SPUD 11" HOLE @ 12:00 AM ON 6/9/2008. TD'D 11" HOLE @ 7:00 A.M. 6/9/08.					
Time Log Summary MIRU - 17, DRLG FROM 0' TO 539' - 7					
<b>Report Date: 6/10/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 1	Days on Location (days) 2	Depth End (ftKB) 1,514.0	Depth End (TVD) (ftKB) 1,513.9	Last Mud Check Density (lb/gal) 9.00	
Cum Cost To Date 221,285.00		Daily Cost Total 41,907.00			
Operations Summary CIRC, TOO, RUN CSG, CEMENT CSG, WOC, DRLG, SURVEY, DRLG					
Remarks					
Time Log Summary CIRC - 1, TOO, TO RUN CSG - 1.5, RUN 8-5/8" CSG & SET @ 537' W/ 3 CENTRALIZERS - 1, CEMENT W/ 325 SXS CLASS 'C' - 0.5, WOC - 12, DRLG FROM 539' TO 1017' - 3.5, SURVEY - 0.5, DRLG FROM 1017' TO 1514' - 3.5, SURVEY - 0.5					
<b>Report Date: 6/11/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 2	Days on Location (days) 3	Depth End (ftKB) 3,579.0	Depth End (TVD) (ftKB) 3,578.7	Last Mud Check Density (lb/gal) 8.50	
Cum Cost To Date 241,715.00		Daily Cost Total 20,430.00			
Operations Summary DRLG, SERVICE RIG, SURVEY, DRLG					
Remarks					
Time Log Summary DRLG FROM 1514' TO 1544' - 1, SERVICE RIG - 0.5, DRLG FROM 1544' TO 2011' - 3.5, SURVEY - 0.5, DRLG FROM 2011' TO 2512' - 5.25, SURVEY - 0.5, DRLG FROM 2512' TO 3014' - 5.5, SURVEY - 0.5, DRLG FROM 3014' TO 3515' - 5.25, SURVEY - 0.5, DRLG FROM 3515' TO 3579' - 1					
<b>Report Date: 6/12/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 3	Days on Location (days) 4	Depth End (ftKB) 5,191.0	Depth End (TVD) (ftKB) 5,190.5	Last Mud Check Density (lb/gal) 9.00	
Cum Cost To Date 266,472.00		Daily Cost Total 24,757.00			
Operations Summary DRLG, SERVICE RIG, SURVEY, DRLG					
Remarks					
Time Log Summary DRLG FROM 3579' TO 3760' - 3.5, SERVICE RIG - 0.5, DRLG FROM 3760' TO 4009' - 3, SURVEY - 0.5, DRLG FROM 4009' TO 4477' - 7.5, SURVEY - 0.5, DRLG FROM 4477' TO 4972' - 5.5, SURVEY - 0.5, DRLG FROM 4972' TO 5191' - 2.5					



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County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND			Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00
<b>Report Date: 6/13/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 4	Days on Location (days) 5	Depth End (ftKB) 6,380.0	Depth End (TVD) (ftKB) 6,379.4	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 292,074.00		Daily Cost Total 25,602.00			
Operations Summary DRLG, SERVICE RIG, CIRC, TRIP, CIRC, TIH, CIRC, DRLG, SURVEY, DRLG					
Remarks					
Time Log Summary DRLG FROM 5191' TO 5316' - 1.5, SERVICE RIG - 0.5, DRLG FROM 5316' TO 5443' - 2, SURVEY - 0.5, DRLG FROM 5443' TO 5663' - 5.5, CIRC W/ NO RETURNS - 0.5, TOOH FOR RETURNS - 1, CIRC @ 3850' - 2, TIH - 0.5, CIRC @ 5250' - 1, TIH TO BOTTOM - 1, DRLG FROM 5663' TO 5972' - 3.5, SURVEY - 0.5, DRLG FROM 5972' TO 6380' - 4					
<b>Report Date: 6/14/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 5	Days on Location (days) 6	Depth End (ftKB) 7,348.0	Depth End (TVD) (ftKB) 7,347.2	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 314,793.00		Daily Cost Total 22,719.00			
Operations Summary DRLG, SERVICE RIG, SURVEY, DRLG, TOOH					
Remarks					
Time Log Summary DRLG FROM 6380' TO 6439' - 1, SERVICE RIG - 0.5, DRLG FROM 6439' TO 6471' - 0.5, SURVEY - 0.5, DRLG FROM 6471' TO 6972' - 9, SURVEY - 0.5, DRLG FROM 6972' TO 7348' - 11, TOOH FOR BIT - 1					
<b>Report Date: 6/15/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 6	Days on Location (days) 7	Depth End (ftKB) 7,549.0	Depth End (TVD) (ftKB) 7,548.2	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 357,960.00		Daily Cost Total 43,167.00			
Operations Summary TOOH, SERVICE RIG, TIH, WASH, DRLG					
Remarks					
Time Log Summary TOOH - LD TRI & SQR - 6, SERVICE RIG - 0.5, MAKE UP BHA - 1.5, TIH - 4, REAM & WASH 120' TO BOTTOM - 1, DRLG FROM 7348' TO 7549' - 11					
<b>Report Date: 6/16/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 7	Days on Location (days) 8	Depth End (ftKB) 7,987.0	Depth End (TVD) (ftKB) 7,986.1	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 375,609.00		Daily Cost Total 17,649.00			
Operations Summary DRLG, SERVICE RIG, SURVEY, DRLG					
Remarks					
Time Log Summary DRLG FROM 7549' TO 7664' - 7.5, SERVICE RIG - 0.5, DRLG FROM 7664' TO 7863' - 11.5, SURVEY - 0.5, DRLG FROM 7863' TO 7987' - 4					
<b>Report Date: 6/17/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) LARIAT - 44	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 8	Days on Location (days) 9	Depth End (ftKB) 8,522.0	Depth End (TVD) (ftKB) 8,521.0	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 403,605.00		Daily Cost Total 27,996.00			
Operations Summary DRLG, SERVICE RIG, SURVEY, DRLG					
Remarks					
Time Log Summary DRLG FROM 7987' TO 8081' - 6, SERVICE RIG - INSTALL ROTATING HEAD - 1, DRLG FROM 8081' TO 8368' - 12.5, SURVEY - 0.5, DRLG FROM 8368' TO 8522' - 4					



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County <b>UPTON</b>	State <b>TEXAS</b>	Field Name <b>SPRABERRY (TREND AREA)</b>	Spud Date <b>6/9/2008</b>		
Surface Legal Location <b>1980 FNL &amp; 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND</b>		Spud Date <b>6/9/2008</b>	Original KB Elevation (ft) <b>2,689.50</b>	Ground Elevation (ft) <b>2,677.00</b>	
<b>Report Date: 6/18/2008</b>					
Job Category <b>ORIG DRILL &amp; COMPLETE</b>	Primary Job Type <b>ODR &amp; OCM</b>	Rig (Names) <b>LARIAT - 44</b>	AFE Number <b>014507</b>	Total AFE Amount <b>1,140,400.00</b>	
Days From Spud (days) <b>9</b>	Days on Location (days) <b>10</b>	Depth End (ftKB) <b>9,052.0</b>	Depth End (TVD) (ftKB) <b>9,051.0</b>	Last Mud Check Density (lb/gal) <b>9.00</b>	
Cum Cost To Date <b>426,633.00</b>		Daily Cost Total <b>23,028.00</b>			
Operations Summary <b>DRLG, SERVICE RIG, SURVEY, DRLG</b>					
Remarks					
Time Log Summary <b>DRLG FROM 8522' TO 8630' - 6, SERVICE RIG - 0.5, DRLG FROM 8630' TO 8864' - 10.5, SURVEY - 0.5, DRLG FROM 8864' TO 9052' - 6.5</b>					
<b>Report Date: 6/19/2008</b>					
Job Category <b>ORIG DRILL &amp; COMPLETE</b>	Primary Job Type <b>ODR &amp; OCM</b>	Rig (Names) <b>LARIAT - 44</b>	AFE Number <b>014507</b>	Total AFE Amount <b>1,140,400.00</b>	
Days From Spud (days) <b>10</b>	Days on Location (days) <b>11</b>	Depth End (ftKB) <b>9,175.0</b>	Depth End (TVD) (ftKB) <b>9,173.9</b>	Last Mud Check Density (lb/gal) <b>8.90</b>	
Cum Cost To Date <b>446,309.00</b>		Daily Cost Total <b>19,676.00</b>			
Operations Summary <b>DRLG, SERVICE RIG, CIRC, LDDP, RU &amp; RUN CSG</b>					
Remarks <b>TD'D 7-7/8" HOLE @ 3:00 P.M. 6/18/08.</b>					
Time Log Summary <b>DRLG FROM 9052' TO 9160' - 6, SERVICE RIG - 0.5, DRLG FROM 9160' TO 9175' - 1.5, CIRC - STARCH UP - 3.5, LDDP - 11, RU CASING CREW - 1, RUN 4-1/2" CSG - 0.5</b>					
<b>Report Date: 6/20/2008</b>					
Job Category <b>ORIG DRILL &amp; COMPLETE</b>	Primary Job Type <b>ODR &amp; OCM</b>	Rig (Names) <b>LARIAT - 44</b>	AFE Number <b>014507</b>	Total AFE Amount <b>1,140,400.00</b>	
Days From Spud (days) <b>11</b>	Days on Location (days) <b>12</b>	Depth End (ftKB) <b>9,175.0</b>	Depth End (TVD) (ftKB) <b>9,173.9</b>	Last Mud Check Density (lb/gal) <b>8.90</b>	
Cum Cost To Date <b>574,271.00</b>		Daily Cost Total <b>127,962.00</b>			
Operations Summary <b>RUN CSG, CIRC, RU &amp; CEMENT CSG, WOC, RDRT</b>					
Remarks <b>RYTE-WRAP FROM 3673' TO 6591'. NO FRAC RING. MARKER JT FROM 6797' TO 6807'. PBTD @ 9139'. RELEASED RIG @ 8:00 P.M. 6/19/08.</b>					
Time Log Summary <b>RUN 4-1/2" CSG &amp; SET @ 9165' W/ 21 CENTRALIZERS - 5, CIRC &amp; RU CEMENTERS - 1.5, CEMENT 4-1/2" CSG W/ 900 SXS POZ 50/50 'H' - 2.5, WOC - 4, RDRT - 11</b>					

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County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL. SEC. 8, BLK. 3. UNIVERSITY LAND			Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00

## Report Date: 7/25/2008

Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount
ORIG DRILL & COMPLETE	ODR & OCM	ENERTECH -	014507	1,140,400.00
Days From Spud (days)	Days on Location (days)	Depth End (ftKB)	Depth End (TVD) (ftKB)	Last Mud Check Density (lb/gal)
47	12	9,175.0	9,173.9	8.90
Cum Cost To Date		Daily Cost Total		
869,326.00		295,055.00		

## Operations Summary

HALLIBURTON RAN GR/N/CCL. DATUM ELEV 2677 GL 2659 KB

LOG TOP U. SPBY 6616 (-3957)

LOG TOP L. SPBY	7192 (-4533)
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LOG TOP DEAN 7988 (-5329)

BASE DEAN 8172 (-5513)

PBTD 9139

TD	9175
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FR	N/A
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ACID SPOTTED W/ WIRELINE DUMP BAILER.

PERF'D 1ST MIDDLE WOLF INTERVAL W/ 3 SPF @ 8905'-8924' (60 HOLES).

BREAK DOWN 1ST MIDDLE WOLF PERFS W/ 3000 GAL 15% HCL ACID. 3000 TOT HCL. BDP 3683 PSI.

SD FRAC 1ST MIDDLE WOLF FMT W/ 63,622 GAL 15# XL-BORATE FRAC GEL & 109,185# 20/40 OTTAWA SAND. SPOT 100 GAL 15% HCL ACID ACROSS 2ND MIDDLE WOLF INTERVAL ON FLUSH.

MAX RATE 44 BPM @ 4575 PSIG. ISIP - 4099 PSIG.

PERF'D 2ND MIDDLE WOLF INTERVAL W/ 3 SPF @ 8669'-8688' (60 HOLES).

BREAK DOWN 2ND MIDDLE WOLF PERFS W/ ~~1400~~ GAL 15% HCL ACID. 1500 TOT HCL. BDP 2850 PSI.

SD FRAC 2ND MIDDLE WOLF FMT W/ 76,158 GALS 15# XL-BORATE FRAC GEL & 144,787# 20/40 OTTAWA SAND. SPOT 1500 GAL 15% HCL ACID ACROSS UPPER WOLF INTERVAL ON FLUSH.

MAX RATE 50 BPM @ 4450 PSIG. ISIP - 2659 PSIG.

PERF'D UPPER WOLF INTERVAL W/ 3 SPF @ 8444'-8463' (60 HOLES).

BREAK DOWN UPPER WOLF PERFS W/ SPOT ACID GAL 15% HCL ACID. 1500 TOT HCL. BDP 2649 PSI.

SD FRAC UPPER WOLF FMT W/ 73,860 GALS 15# XL-BORATE FRAC GEL & 163,105# 20/40 OTTAWA SAND. SPOT 1500 GAL 15% HCL ACID ACROSS DEAN INTERVAL ON FLUSH.

MAX RATE 50 BPM @ 4500 PSIG. |S|P - 2806 PSIG.

## Remarks

SOLID COMPOSITE PLUG SET @ 8220'. TESTED 1000 PSI OVER.

PERF'D DEAN INTERVAL W/ 3 SPF @ 8117'-8131' (45 HOLES).

BREAK DOWN DEAN PERFS W/ SPOT ACID GAL 15% HCL ACID. 1500 TOT HCL. BDP 1183 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD.

SD FRAC DEAN FMT W/ 60,984 GALS 15# XL-BORATE FRAC GEL & 150,872# 20/40 OTTAWA SAND. SPOT 1500 GALS 15% HCL ACID ACROSS LOWER SPBY INTERVAL ON FLUSH.

MAX RATE 50 BPM @ 3260 PSIG. ISIP - 1336 PSIG.

PERF'D LOWER SPBY INTERVAL W/ 3 SPF @ 7485'-7499' (45 HOLES).

BREAK DOWN LOWER SPBY PERFS W/ SPOT ACID GAL 15% HCL ACID. 1500 TOT HCL. BDP 985 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD.

SD FRAC LOWER SPBY FMT W/ 64,512 GALS 15# XL-BORATE FRAC GEL & 166,677# 20/40 OTTAWA SAND. SPOT 1500 GAL 15% HCL ACID  
ACROSS UPPER SPBY INTERVAL ON FLUSH.

MAX RATE 50 BPM @ 2750 PSIG. ISIP - 696 PSIG.

SOLID COMPOSITE PLUG SET @ 6950'. TESTED 1000 PSI OVER.

PERF'D UPPER SPBY INTERVAL W/ 3 SPF @ 6639'-6653' (45 HOLES).

BREAK DOWN UPPER SPBY PERFS W/ SPOT ACID GAL 15% HCL ACID. 1500 TOT HCL. BDP 1080 PSI. 1 DRUM OF SCALE INHIBITOR IN PAD.

SD FRAC UPPER SPBY FMT W/ 47,893 GALS 15# XL-BORATE FRAC GEL &amp; 121,514# 20/40 OTTAWA SAND.

MAX RATE 50 BPM @ 3180 PSIG. ISIP - 481 PSIG.

TBLWTR - 10,077 BBLS

## Time Log Summary



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County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND			Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00
<b>Report Date: 7/30/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BULLDOG WELL SERVICE - 1	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 52	Days on Location (days) 13	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 880,088.00		Daily Cost Total 10,762.00			
Operations Summary COMPLETION					
Remarks					
Time Log Summary MIRU BULLDOG RIG #1. INSTALLED WELLHEAD & BOP. PU BIT, TBG & RIH TO 6820'. TAGGED SAND @ 6820'. WASHED SAND TO 6950' @ 1ST PLUG. CIRC HOLE CLEAN & SDFN. - 12					
<b>Report Date: 7/31/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BULLDOG WELL SERVICE - 1	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 53	Days on Location (days) 13	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 889,288.00		Daily Cost Total 9,200.00			
Operations Summary COMPLETION					
Remarks					
Time Log Summary D/O PLUG @ 6950'. RIH W/ TBG TO 8090'. TAGGED & WASHED SAND TO 8220'. D/O PLUG & PUSHED TO 8253'. CIRC HOLE CLEAN. SDFN. - 12					
<b>Report Date: 8/1/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BULLDOG WELL SERVICE - 1	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 54	Days on Location (days) 14	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 896,963.00		Daily Cost Total 7,675.00			
Operations Summary COMPLETION					
Remarks					
Time Log Summary RIH W/ TBG TO 8880' PUSHING PLUG. TAGGED SAND @ 8880'. WASHED TO 9139' & CIRC HOLE CLEAN. POOH ABOVE PERFS. SDFN. WORKED ON RIG 5 HRS. - 12					
<b>Report Date: 8/4/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BULLDOG WELL SERVICE - 1	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 57	Days on Location (days) 14	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 901,128.00		Daily Cost Total 4,165.00			
Operations Summary COMPLETION					
Remarks					
Time Log Summary FOOH W/ TBG. SD TO WORK ON RIG @ 12:00. RIH W/ PROD TBG & SET TAC W/ 18 PTS. SD TO WORK ON RIG REST OF EVENING. SDFN. - 12					



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County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND	Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00		

Report Date: 8/5/2008				
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names) BULLDOG WELL SERVICE - 1	AFE Number 014507	Total AFE Amount 1,140,400.00
Days From Spud (days) 58	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90
Cum Cost To Date 1,047,378.00		Daily Cost Total 146,250.00		

Operations Summary  
HUNG WELL ON & TURNED OVER TO PRODUCTION

Remarks  
TBG DETAIL:  
  
180 - 2-3/8" TBG  
30 - 2-3/8" IPC TBG  
1 - 2-3/8" SN @ 6539'  
1 - 2-3/8" SSN  
1 - 4-1/2" TAC  
1 - 2-7/8" MMA  
1 - 2-3/8" BP TBG

ROD DETAIL:  
  
1 - 7/8" ROD  
70 - 1" F/G RODS  
1 - 5/8" X 4' SHEAR SUB  
134 - 7/8" RODS  
19 - 1.5" K-BARS  
1 - TK-90 ON/OFF TOOL  
1 - 1.5" K-BAR  
1 - 2" X 1.25" X 20' PUMP  
#PPD-0885

Time Log Summary  
PU PUMP & RODS OFF RACK & RIH. HWO & CHECKED PUMP ACTION. RDMO. TCO ROUSTABOUTS HOOKED UP FLOWLINE. CHECK UNIT & DID NOT HAVE POWER. ELEC HOOKED UP. TURNED IN TO ELECTRICIANS. TURNED WELL OVER TO PRODUCTION. - 12

Report Date: 8/7/2008				
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount
ORIG DRILL & COMPLETE	ODR & OCM		014507	1,140,400.00
Days From Spud (days)	Days on Location (days)	Depth End (ftKB)	Depth End (TVD) (ftKB)	Last Mud Check Density (lb/gal)
59	15	9,175.0	9,173.9	8.90
Cum Cost To Date		Daily Cost Total		
1,047,378.00				

Operations Summary  
POB 24 HRS  
Remarks  
POB 24 HRS - 58 BO, 337 BW & 69 MCF

Time Log Summary

Report Date: 8/8/2008				
Job Category	Primary Job Type	Rig (Names)	AFE Number	Total AFE Amount
ORIG DRILL & COMPLETE	ODR & OCM		014507	1,140,400.00
Days From Spud (days)	Days on Location (days)	Depth End (ftKB)	Depth End (TVD) (ftKB)	Last Mud Check Density (lb/gal)
60	15	9,175.0	9,173.9	8.90
Cum Cost To Date		Daily Cost Total		
1,047,378.00				

Operations Summary  
POB 24 HRS  
Remarks  
POB 24 HRS - 58 BO, 283 BW & 131 MCF

Time Log Summary



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County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND		Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00	
<b>Report Date: 8/9/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 61	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 91 BO, 262 BW & 216 MCF					
Time Log Summary					
<b>Report Date: 8/10/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 62	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 58 BO, 291 BW & 100 MCF					
Time Log Summary					
<b>Report Date: 8/11/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 63	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 87 BO, 257 BW & 180 MCF					
Time Log Summary					
<b>Report Date: 8/12/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 64	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 64 BO, 228 BW & 123 MCF					
Time Log Summary					
<b>Report Date: 8/13/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 65	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 66 BO, 212 BW & 196 MCF					
Time Log Summary					



## Well Chronology Report

Well Name UNIVERSITY 8 #6	Property Sub 315048-006	API/UWI 42-461-35631-0000	Operator PIONEER NATURAL RESRC USA, INC.	WI (%)	Net Int (%)
County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND			Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00
<b>Report Date: 8/14/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 66	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 62 BO, 211 BW & 197 MCF					
Time Log Summary					
<b>Report Date: 8/15/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 67	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 56 BO, 202 BW & 200 MCF					
Time Log Summary					
<b>Report Date: 8/16/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 68	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 60 BO, 215 BW & 199 MCF					
Time Log Summary					
<b>Report Date: 8/17/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 69	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 73 BO, 223 BW & 204 MCF					
Time Log Summary					
<b>Report Date: 8/18/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 70	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 68 BO, 212 BW & 196 MCF					
Time Log Summary					





## Well Chronology Report

Well Name UNIVERSITY 8 #6	Property Sub 315048-006	API/UWI 42-461-35631-0000	Operator PIONEER NATURAL RESRC USA, INC.	WI (%)	Net Int (%)
County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND		Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00	
<b>Report Date: 8/19/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 71	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 72 BO, 216 BW & 113 MCF					
Time Log Summary					
<b>Report Date: 8/20/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 72	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 55 BO, 221 BW & 186 MCF					
Time Log Summary					
<b>Report Date: 8/21/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 73	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 58 BO, 226 BW & 238 MCF					
Time Log Summary					
<b>Report Date: 8/22/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 74	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 61 BO, 218 BW & 112 MCF					
Time Log Summary					
<b>Report Date: 8/23/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 75	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 58 BO, 212 BW & 126 MCF					
Time Log Summary					



## Well Chronology Report

Well Name UNIVERSITY 8 #6	Property Sub 315048-006	API/UWI 42-461-35631-0000	Operator PIONEER NATURAL RESRC USA, INC.	WI (%)	Net Int (%)
County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND			Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00
<b>Report Date: 8/24/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 76	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 52 BO, 189 BW & 118 MCF					
Time Log Summary					
<b>Report Date: 8/25/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 77	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 56 BO, 201 BW & 121 MCF					
Time Log Summary					
<b>Report Date: 8/26/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 78	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 58 BO, 156 BW & 97 MCF					
Time Log Summary					
<b>Report Date: 8/27/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 79	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 54 BO, 159 BW & 201 MCF					
Time Log Summary					
<b>Report Date: 8/28/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 80	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary POB 24 HRS					
Remarks POB 24 HRS - 48 BO, 210 BW & 144 MCF					
Time Log Summary					



## Well Chronology Report

Well Name UNIVERSITY 8 #6	Property Sub 315048-006	API/UWI 42-461-35631-0000	Operator PIONEER NATURAL RESRC USA, INC.	WI (%)	Net Int (%)
County UPTON	State TEXAS	Field Name SPRABERRY (TREND AREA)	Spud Date 6/9/2008		
Surface Legal Location 1980 FNL & 1980 FEL, SEC. 8, BLK. 3, UNIVERSITY LAND		Spud Date 6/9/2008	Original KB Elevation (ft) 2,689.50	Ground Elevation (ft) 2,677.00	
<b>Report Date: 8/29/2008</b>					
Job Category ORIG DRILL & COMPLETE	Primary Job Type ODR & OCM	Rig (Names)	AFE Number 014507	Total AFE Amount 1,140,400.00	
Days From Spud (days) 81	Days on Location (days) 15	Depth End (ftKB) 9,175.0	Depth End (TVD) (ftKB) 9,173.9	Last Mud Check Density (lb/gal) 8.90	
Cum Cost To Date 1,047,378.00		Daily Cost Total			
Operations Summary INITIAL POTENTIAL					
Remarks INITIAL POTENTIAL - 45 BO, 212 BW & 184 MCF W/ 43.7 DEG GRAVITY					
FINAL REPORT					
Time Log Summary					

GAS/OIL RATIO = 4089  
OIL PRODUCED = 1373