

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

API/UWI 42-003-43661-0000		Property Sub 929386-002		Operator PIONEER NATURAL RESRC USA, INC		State TEXAS		County ANDREWS	
Field Name SPRABERRY (TREND AREA)/BREEDLOVE (STRAWN)				Surface Legal Location 2150' FSL, 467' FWL, SEC 18, BLK 6, UNIVERSITY LANDS, U-161					
Spud Date 12/29/2011		TD Date 1/10/2012		Drilling Rig Release Date 1/12/2012		On Production Date 3/31/2012		Initial Potential Date 5/4/2012	
Ground Elevation (ft) 3,004.00		Original KB Elevation (ft) 3,024.00		PBDT (All) (ftKB) Original Hole - 11,258.0		Total Depth (All) (ftKB) Original Hole - 11,275.0		Total Depth All (TVD) (ftKB) Original Hole - 11,273.6	
Daily Operation: 12/27/2011 06:00 - 12/28/2011 06:00									
Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM				AFE Number 022182	
Days From Spud (days) -1	Days on Location (days) 1	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig				
Operations Summary MOVE IN RIG UP									
Remarks									
Time Log Summary									
Operation		Com							Dur (hr)
MIRU		MOVING IN RIG UP							24.00
Daily Operation: 12/28/2011 06:00 - 12/29/2011 06:00									
Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM				AFE Number 022182	
Days From Spud (days) 0	Days on Location (days) 2	End Depth (ftKB) 0.0	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig SENDERO, 15				
Operations Summary MOVE IN RIG UP									
Remarks WILL SPUD TODAY									
Time Log Summary									
Operation		Com							Dur (hr)
MIRU		MOVE IN RIG UP							24.00
Daily Operation: 12/29/2011 06:00 - 12/30/2011 06:00									
Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM				AFE Number 022182	
Days From Spud (days) 1	Days on Location (days) 4	End Depth (ftKB) 1,529.0	End Depth (TVD) (ftKB) 1,528.9	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15				
Operations Summary DRLG, SURVEY, DRLG									
Remarks SPUD @ 6:00 AM 12/29/11									
Time Log Summary									
Operation		Com							Dur (hr)
DRLG		DRILLING							3.50
DEVSUR		SURVEY @ 294'							0.50
DRLG		DRILLING							5.00
DEVSUR		SURVEY @ 608'							0.50
DRLG		DRILLING							2.00
RIGSER		SERVICE							0.50
DRLG		DRILLING							4.00
DEVSUR		SURVEY @ 1108'							0.50
DRLG		DRILLING							7.50
Daily Operation: 12/29/2011 06:00 - 12/30/2011 06:00									
Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM				AFE Number 022182	
Days From Spud (days) 1	Days on Location (days) 3	End Depth (ftKB) 1,529.0	End Depth (TVD) (ftKB) 1,528.9	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15				
Operations Summary DRILLING, SURVEY, DRLG, SURVEY, DRLG, SERVICE RIG, DRLG, SURVEY, DRLG									
Remarks									
Time Log Summary									
Operation		Com							Dur (hr)
DRLG		DRILLING							3.50
DEVSUR		SURVEY							0.50
DRLG		DRILLING							5.00
DEVSUR		SURVEY							0.50
DRLG		DRILLING							2.00

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Time Log Summary

Operation	Com	Dur (hr)
RIGSER	RIG SERVICE	0.50
DRLG	DRILLING	4.00
DEVSUR	SURVEY	0.50
DRLG	DRILLING	7.50

Daily Operation: 12/30/2011 06:00 - 12/31/2011 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 2	Days on Location (days) 5	End Depth (ftKB) 1,810.0	End Depth (TVD) (ftKB) 1,809.9	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15	

Operations Summary

DRLG, SURVEY, DRLG, RIG SERVICE, DRLG, CIRC, TOO, RUN 8 5/8 CASING

Remarks

TD 11" HOLE 1810' @ 6:30 PM 12/30/11

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	6.00
DEVSUR	SURVEY @ 1574', 2.7°	0.50
DRLG	DRILLING	5.00
RIGSER	SERVICE	0.50
DRLG	DRILLING TD @ 6:30 PM	0.50
CIRC	CONDITION HOLE	1.00
DEVSUR	DROP TOTCO	0.50
TRIP	TRIP OUT OF HOLE	5.50
CSG	RUN 8 5/8 SURFACE CASING	4.50

Daily Operation: 12/31/2011 06:00 - 1/1/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 3	Days on Location (days) 6	End Depth (ftKB) 1,810.0	End Depth (TVD) (ftKB) 1,809.9	Dens Last Mud (lb/gal) 9.00	Rig SENDERO, 15	

Operations Summary

RUN 8 5/8 CASING, CIRC WAIT ON WATER, CEMENT, WOC, TEST BOP, M/U BIT & TRIP IN

Remarks

RAN 44 JTS 8 5/8 32# J-55 CSG SET @ 1806' CEMENT W/TRANS TEX 500 SKS & 170 SKS PD @ 4:30 PM 12/31/11 CIRC 171 SKS

Time Log Summary

Operation	Com	Dur (hr)
CSG	RAN 44 JTS 8 5/8 SET @ 1806'	3.00
U_CMT	CIRCULATE WAIT ON WATER (CHLORIDES TO HIGH IN RIG WATER)	6.00
CMTPRI	CEMENT W/ TRANS-TEX	1.50
BOPS	WOC WELD ON HEAD & TEST 500# OK NIPPLE UP BOP	10.00
BOPS	TEST BOP OK	1.50
BHA	M/U BHA & TRIP IN HOLE	2.00

Daily Operation: 1/1/2012 06:00 - 1/2/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 4	Days on Location (days) 7	End Depth (ftKB) 3,256.0	End Depth (TVD) (ftKB) 3,255.9	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15	

Operations Summary

TRIP IN, DRLG, SURVEY, DRLG, RIG SERVICE, DRLG, SURVEY, DRLG

Remarks

TAG CEMENT @ 1765

Time Log Summary

Operation	Com	Dur (hr)
TRIP	TRIP IN TAG CEMENT @ 1765	1.00
DRLG	DRILLING	3.50
DEVSUR	SURVEY @ 1945'	0.50
DRLG	DRILLING	3.50
DEVSUR	SURVEY @ 2089'	0.50
DRLG	DRILLING	1.00
RIGSER	SERVICE	0.50
DRLG	DRILLING	1.50
DEVSUR	SURVEY @ 2275'	0.50
DRLG	DRILLING	4.50

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Time Log Summary

Operation	Com	Dur (hr)
DEVSUR	SURVEY @ 2775'	0.50
DRLG	DRILLING	6.50

Daily Operation: 1/2/2012 06:00 - 1/3/2012 06:00

Job Category			Primary Job Type			AFE Number
ORIG DRILL & COMPLETE			ODR & OCM			022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
5	8	3,954.0	3,953.9	9.30	SENDERO, 15	
Operations Summary						
DRLG, SURVEY, DRLG, SURVEY, DRLG, SERVICE, DRLG, TRIP F/PSI LOSS, REPAIRS,TRIP IN HOLE						
Remarks						

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	0.50
DEVSUR	SURVEY @ 3237'	0.50
DRLG	DRILLING	5.50
DEVSUR	SURVEY @ 3585'	0.50
DRLG	DRILLING	4.50
RIGSER	SERVICE	0.50
DRLG	DRILLING (LOST 100 PSI & 50K STRING WEIGHT)	0.50
U_OTR	TRIP OUT OF HOLE (ALL OK)	1.00
U_RIG	REPAIR WEIGHT INDICATOR	2.00
TRIP	TRIP IN HOLE	3.00

Daily Operation: 1/3/2012 06:00 - 1/4/2012 06:00

Job Category				Primary Job Type			AFE Number	
ORIG DRILL & COMPLETE				ODR & OCM			022182	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig			
6	9	5,064.0	5,063.2	9.00	SENDERO, 15			
Operations Summary								
DRLG, SURVEY, DRLG, SERVICE, DRLG, SURVEY, DRLG								
Remarks								

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	4.00
DEVSUR	SURVEY @ 4114'	0.50
DRLG	DRILLING	7.00
RIGSER	SERVICE	0.50
DRLG	DRILLING	1.00
DEVSUR	SURVEY @ 4647'	1.00
DRLG	DRILLING	10.00

Daily Operation: 1/4/2012 06:00 - 1/5/2012 06:00

Job Category			Primary Job Type			AFE Number
ORIG DRILL & COMPLETE			ODR & OCM			022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
7	10	6,312.0	6,311.1	9.10	SENDERO, 15	
Operations Summary						
DRLG, SURVEY, DRLG, SURVEY, DRLG, SURVEY, DRLG						
Remarks						

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	2.50
DEVSUR	SURVEY @ 5147'	0.50
DRLG	DRILLING	10.50
DEVSUR	SURVEY @ 5644'	1.00
DRLG	DRILLING	6.50
DEVSUR	SURVEY @ 6143'	1.00
DRLG	DRILLING	2.00

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Daily Operation: 1/5/2012 06:00 - 1/6/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
8	11	7,311.0	7,309.9	8.90	SENDERO, 15	

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

Remarks

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	5.00
DEVSUR	SURVEY @ 6613'	0.50
RIGSER	SERVICE	0.50
DRLG	DRILLING	12.00
RIGSER	SERVICE	0.50
DRLG	DRILLING	1.50
DEVSUR	SURVEY @ 7111	1.00
DRLG	DRILLING	3.00

Daily Operation: 1/6/2012 06:00 - 1/7/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
9	12	8,530.0	8,528.9	9.20	SENDERO, 15	

Operations Summary
DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	5.50
DEVSUR	SURVEY @ 7592'	0.50
DRLG	DRILLING	9.50
DEVSUR	SURVEY @ 8047'	1.00
DRLG	DRILLING	7.50

Daily Operation: 1/7/2012 06:00 - 1/8/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
10	13	9,592.0	9,590.7	9.30	SENDERO, 15	

Operations Summary
DRLG, SURVEY, DRLG, SURVEY, DRLG

Remarks

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	1.00
DEVSUR	SURVEY @ 8547'	0.50
DRLG	DRILLING	10.50
DEVSUR	SURVEY @ 9048'	1.00
DRLG	DRILLING	11.00

Daily Operation: 1/8/2012 06:00 - 1/9/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
11	14	10,525.0	10,523.7	9.30	SENDERO, 15	

Operations Summary
SURVEY, DRLG, SERVICE, SURVEY, DRLG

Remarks

Time Log Summary

Operation	Com	Dur (hr)
DEVSUR	SURVEY @ 9547'	0.50
DRLG	DRILLING	10.50
RIGSER	SERVICE	0.50
DEVSUR	SURVEY @ 10,044'	0.50

Drilling & Completion Summary

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Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	12.00

Daily Operation: 1/9/2012 06:00 - 1/10/2012 06:00

Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		AFE Number 022182	
Days From Spud (days) 12	Days on Location (days) 15	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.30	Rig SENDERO, 15
Operations Summary DRLG, SURVEY, SERVICE, DRLG, SURVEY, DRLG					
Remarks					

Time Log Summary

Operation	Com	Dur (hr)
DRLG	DRILLING	1.50
DEVSUR	SURVEY @ 10543'	0.50
RIGSER	SERVICE	0.50
DRLG	DRILLING	14.50
DEVSUR	SURVEY @ 11073'	0.50
DRLG	DRILLING	6.50

Daily Operation: 1/10/2012 06:00 - 1/11/2012 06:00

Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		AFE Number 022182	
Days From Spud (days) 13	Days on Location (days) 16	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15
Operations Summary CIRCULATE, DROP TOTCO, LDDP, R/U & RUN CASING					
Remarks TD @ 6:00 AM 1/10/12					

Time Log Summary

Operation	Com	Dur (hr)
CIRC	CIRCULATE STARCH & PUMP BRINE	5.50
DEVSUR	DROP TOTCO	0.50
DPIPE	LAY DOWN DRILL PIPE	11.00
SFTY	SAFETY MEETING W/CASING CREW	0.50
CSG	RUN 5 1/2 CASING	6.50

Daily Operation: 1/11/2012 06:00 - 1/12/2012 06:00

Job Category ORIG DRILL & COMPLETE		Primary Job Type ODR & OCM		AFE Number 022182	
Days From Spud (days) 14	Days on Location (days) 17	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig SENDERO, 15
Operations Summary RAN 5 1/2 CASING, CEMENT, WOC NIPPLE DOWN SET SLIPS, RDMO					
Remarks RAN 268 JTS 5 1/2 CSG W/30 CENT. SET @ 11273' RYT WRAP 8532.43 TO 4393.38, MARKER 8754.34 TO 8736, NO F/R; CEMENT W/SCHLUMBERGER 970 SKS LITECRETE & 290 SKS 50:50 POZ H PD @ 7:00 PM 1/11/12					

Time Log Summary

Operation	Com	Dur (hr)
CSG	RAN 268 JTS 5 1/2	8.50
CSG	CIRCULATE R/D CSG CREW & L/D TRUCK	1.00
SFTY	SAFETY MEETING W/SCHLUMBERGER	0.50
CMTPRI	CEMENT 970 SKS & 290 SKS PD @ 7:00 PM	3.50
BOPS	WOC & NIPPLE DOWN SET SLIPS RIG RELEASED @ 1:30 AM 1/12/12	6.00
RDMO	RIG DOWN FOR MOVE	4.50

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

Daily Operation: 2/21/2012 06:00 - 2/21/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 55	Days on Location (days) 17	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig ENERTECH WIRELINE, NA	

Operations Summary

FRAC CONTINUED FROM :

8)SET SOLID COMPOSITE PLUG @ 8770'

PERF'D 2ND UPPER SPBY INTERVAL W/ 3 SPF @ 8513-8516, 8565-8568, 8666-8669 & 8712-8715 (48 HOLES).

BREAK DOWN 2ND UPPER SPBY PERFS W/ SPOT ACID, 15% HCL ACID. BDP 890 PSI. 1 DRUM SCALE INHIBITOR IN PAD.

SD FRAC 2ND UPPER SPBY W/ 75,000 GALS 25# XLINK GEL & 146,899 #16/30 BRADY SAND.

MAX RATE 45.1 BPM @ 1780 PSIG. ISIP - 1087 PSIG.

TBLWTR - 27,268 BBLs

Remarks

Time Log Summary

Operation	Com	Dur (hr)

Daily Operation: 2/24/2012 06:00 - 2/24/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 58	Days on Location (days) 17	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig BASIC, 1620	

Operations Summary

MIRU BASIC RIG #1620.

Remarks

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	MIRU, S/D.	12.00

Daily Operation: 2/27/2012 06:00 - 2/27/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 61	Days on Location (days) 18	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig BASIC, 1620	

Operations Summary

REMOVED FRAC HEAD, N/U PROD HEAD & BOP.

Remarks

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL, BLED OFF 1100#, REMOVED FRAC HEAD, N/U PROD HEAD & BOP, TIH W/ 4 3/4" BIT, BIT SUB & 269 JTS 2 7/8" TBG, SISD.	12.00

Daily Operation: 2/28/2012 06:00 - 2/28/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 62	Days on Location (days) 18	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig BASIC, 1620	

Operations Summary

D/O CAP PLUG @ 8340', D/O PLUG @ 8780'.

Remarks

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL W/ 0 PSI, P/U SWIVEL, START CIRC, D/O CAP PLUG @ 8340', PUMPED 25 BBLs B/W, RIH, TAGGED @ 8723', WASHED 57' SD, D/O PLUG @ 8780' / 283 JTS, CIRC CLEAN, PUMPED 70 BBLs B/W, RIH, TAGGED @ 9290', WASHED 27' SD, CIRC CLEAN, PUMPED 40 BBLs B/W, POOH ABOVE PERFS, SISD.	12.00

Daily Operation: 2/29/2012 06:00 - 2/29/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 63	Days on Location (days) 19	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig BASIC, 1620	

Operations Summary

D/O PLUGS @ 9327', 9651' & 9847'.

Remarks

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Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL, BLED OFF 500#, RIH 20 STDS, TAGGED @ 9300', P/U SWIVEL, START CIRC, WASHED 27' SD, D/O PLUG @ 9327' / 301 JTS, RIH, TAGGED @ 9573', WASHED 78' STDS, D/O PLUG @ 9651', RIH, TAGGED @ 9811', WASHED 36' SD, D/O PLUG @ 9847', CIRC CLEAN, POOH ABOVE PERFS, SISD.	12.00

Daily Operation: 3/1/2012 06:00 - 3/1/2012 18:00

Job Category			Primary Job Type			AFE Number
ORIG DRILL & COMPLETE			ODR & OCM			022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig	
64	19	11,275.0	11,273.6	9.20	BASIC, 1620	
Operations Summary						
D/O PLUGS @ 10128', 10976' & CIRC CLEAN TO PBTD @ 11258'.						
Remarks						

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL, BLED OFF 350#, RIH, TAGGED @ 9855', P/U SWIVEL, START CIRC, WASHED 273' SD, D/O PLUG @ 10128', RIH, TAGGED @ 10942', WASHED 34' SD, D/O PLUG @ 10976', RIH, CIRC CLEAN TO PBD @ 11258', L/D SWIVEL, POOH & L/D 99 JTS, SISD.	12.00

Daily Operation: 3/2/2012 06:00 - 3/2/2012 18:00

Job Category			Primary Job Type				AFE Number
ORIG DRILL & COMPLETE			ODR & OCM				022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig		
65	20	11,275.0	11,273.6	9.20	BASIC, 1620		
Operations Summary							
RIH W/ FGMA, SSN, SN, TAC 10 ENDURALLOY & 90 JTS OF 2 7/8".							
Remarks							

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL, BLED OFF 400#, KILLED W/ 140 BBLS B/W, CHANGE OUT TBG LINE, POOH 130 STDS & L/D 10 JTS, RIH W/FGMA, SSN, SN, TAC, 10 ENDURALLOY & 90 JTS 2 7/8", SISD.	12.00

Daily Operation: 3/3/2012 06:00 - 3/3/2012 18:00

Job Category			Primary Job Type			AFE Number	
ORIG DRILL & COMPLETE			ODR & OCM			022182	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig		
66	20	11,275.0	11,273.6	9.20	BASIC, 1620		
Operations Summary							
N/D BOP, SET TAC W/ 18 PTS, FLANGE UP WELL.							
Remarks							

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL W/ 0 PSO, RIH W/ 170 JTS 2 7/8" TBG, N/D BOP, SET TAC W/ 18 PTS & FLANGE UP WELL, RIH W/ PUMP, 1 - K -BAR, TK-90, STABILIZER, 24 - K-BARS & 127 - 1" RODS, SISD.	12.00

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

Daily Operation: 3/5/2012 06:00 - 3/5/2012 18:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 68	Days on Location (days) 21	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig BASIC, 1620	

Operations Summary

RIH W/ 120 - 1.25" F/G & 1 - 1" STEEL ROD, SPACED WELL OUT, PUMPED UP TO 500#, HUNG WELL ON, SIRD.

Remarks

TUBING DETAILS:

257 - 2 7/8" TBG
10 - 2 7/8" ENDURALLOY
1 - 2" SN @ 8354'
1 - 2 3/8" SSN
1 - 5 1/2" 'B' TAC
1 - 3 1/8" FG MMA

ROD DETAILS:

1 - 1" STEEL ROD
120 - 1 1/4" F/G RODS
127 - 1" STEEL RODS
24 - K-BARS
2 - 2' SUB W/ STABILIZER
1 - TK-90 ON/OFF TOOL
1 - K-BAR
2" X 1.75" X 24' RHBC
#PPT-4329
1" X 18' GAS ANCHOR

Time Log Summary

Operation	Com	Dur (hr)
CLNOUT	OPENED WELL W/ 0 PSI, RIH W/ 120 - 1.25" F/G & 1 - 1" STEEL RODS, SPACED WELL OUT, PUMPED UP TO 500# & HUNG WELL ON, SIRD.	12.00

Daily Operation: 3/31/2012 06:00 - 4/26/2012 06:00

Job Category ORIG DRILL & COMPLETE			Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days) 119	Days on Location (days) 21	End Depth (ftKB) 11,275.0	End Depth (TVD) (ftKB) 11,273.6	Dens Last Mud (lb/gal) 9.20	Rig	

Operations Summary

DAILY WELL TEST: (AFTER COMPLETION)

3/31/12 - 0 BO, 0 BW & 1.4 MCF -FL WELL DEAD NEEDS LINE FUSE
4/1/12 - 4/9/12 - WELL DEAD, W/O LINE FUSE ELECTRICAL PROBLEMS
4/10/12 - 33.8 BO, 173 BW & .5 MCF -FL
4/11/12 - 0BO, 20 BW & 0 MCF -UNIT TRIPPED, RESET
4/12/12 - 0 BO, 157 BW & 0 MCF -FL
4/13/12 - 0 BO, 185 BW & 0 MCF -FL
4/14/12 - 0 BO, 140 BW & .1 MCF -FL
4/15/12 - 0 BO, 121 BW & .1 MCF -FL
4/16/12 - 0 BO, 103 BW & .1 MCF -FL
4/17/12 - 0 BO, 134 BW & .1 MCF -P
4/18/12 - 0 BO, 129 BW & .2 MCF -P
4/19/12 - 0 BO, 119 BW & .2 MCF -P
4/20/12 - 0 BO, 119 BW & .2 MCF -P
4/21/12 - 52.8 BO, 305 BW & 7.6 MCF -P
4/22/12 - 0 BO, 60 BW & 2.3 MCF -P
4/23/12 - WELL DN, TRANSFORMER WENT OUT ON ELECT.
4/24/12 - 14.3 BO, 129 BW & 1.9 MCF -P
4/25/12 - 5.9 BO, 170 BW & 3.7 MCF -P
4/26/12 - 5.6 BO, 149 BW & 1.9 MCF -P

Remarks

Time Log Summary

Operation	Com	Dur (hr)

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

Daily Operation: 4/27/2012 06:00 - 5/1/2012 06:00

Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM			AFE Number 022182
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig		
124	21	11,275.0	11,273.6	9.20			

Operations Summary

DAILY WELL TEST:
(AFTER COMPLETION)

4/27/12 - 0 BO, 100 BW & 1.3 MCF -P
4/28/12 - 0 BO, 149 BW & .7 MCF -P
4/29/12 - 1.4 BO, 116 BW & .6 MCF -P
4/30/12 - 1.4 BO, 109 BW & .7 MCF -P
5/1/12 - 21.1 BO, 97 BW & 5.3 MCF -P

Remarks

Time Log Summary

Operation	Com	Dur (hr)

Daily Operation: 5/4/2012 06:00 - 5/4/2012 06:00

Job Category ORIG DRILL & COMPLETE				Primary Job Type ODR & OCM			AFE Number 022182	
Days From Spud (days)	Days on Location (days)	End Depth (ftKB)	End Depth (TVD) (ftKB)	Dens Last Mud (lb/gal)	Rig			
127	21	11,275.0	11,273.6	9.20				

Operations Summary

FINAL REPORT

Remarks

Time Log Summary

Operation	Com	Dur (hr)

WELL DETAILS

Well Name UNIVERSITY 6-18A #2	API/UWI 42-003-43661-0000	Operator PIONEER NATURAL RESRC USA, INC
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Wellbore Hole Size

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)	Start Date	End Date
Surface	11	20.0	1,810.0	12/29/2011	12/31/2011
Production	7 7/8	1,810.0	11,275.0	1/1/2012	1/10/2012

Surface Casing

Set Depth (ftKB)	Run Date	Centralizers						
1,806.0	12/31/2011	11						
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Casing Joints	8 5/8	7.921	32.00	J-55	1,784.95	44	20.0	1,805.0
Casing Joints	9 1/8	8.097	24.00	J-55	1.00	1	1,805.0	1,806.0

Surface Casing Cement

Type Casing	String Surface, 1,806.0ftKB	Cementing Start Date 12/31/2011	Cementing End Date 12/31/2011	Cementing Company TRANS-TEX	Top (ftKB) 20.0	Btm (ftKB) 1,806.0
Class Class C	Amount (sacks) 500	Yield (ft³/sack) 1.90	Density (lb/gal) 13.00			
Class Class C	Amount (sacks) 170	Yield (ft³/sack) 1.32	Density (lb/gal) 14.80			

Production Casing

Set Depth (ftKB)	Run Date	Centralizers						
11,273.0	1/11/2012	30						
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Casing Joints	5 1/2	4.892	17.00	L-80	4,372.48	102	20.0	4,392.5
Ryte Wrap	5 1/2	4.892	17.00	L-80	4,139.05	99	4,392.5	8,531.6
Casing Joints	5 1/2	4.892	17.00	L-80	203.57	5	8,531.6	8,735.1
Marker Joint	5 1/2	4.892	17.00	L-80	18.35	1	8,735.1	8,753.5
Casing Joints	5 1/2	4.892	17.00	L-80	2,503.33	60	8,753.5	11,256.8
Float Collar	5 1/2	4.892	17.00	J-55	1.00	1	11,256.8	11,257.8
Shoe Joint	5 1/2	4.892	17.00	L-80	14.19	1	11,257.8	11,272.0
Float Shoe	5 1/2	4.892	17.00	J-55	1.00	1	11,272.0	11,273.0

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

Production Casing Cement

Type Casing	String Production, 11,273.0ftKB	Cementing Start Date 1/11/2012	Cementing End Date 1/11/2012	Cementing Company SCHLUMBERGER	Top (ftKB) 5,100.0	Btm (ftKB) 11,273.0
Class LITECRETE	Amount (sacks) 970	Yield (ft³/sack) 1.97	Density (lb/gal) 10.68			
Class Class H	Amount (sacks) 290	Yield (ft³/sack) 1.25	Density (lb/gal) 14.40			

Cement Squeeze

Description	Type	String	Cementing Start Date	Cementing End Date	Top (ftKB)	Btm (ftKB)
Amount (sacks)	Yield (ft³/sack)	Dens (lb/gal)				

Perforations

Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (shots/ft)	Entered Shot Total	Com
8,513.0	8,715.0	Upper Spraberry, Original Hole	3.0	48	
8,802.0	8,983.0	Upper Spraberry, Original Hole	3.0	48	
9,098.0	9,291.0	Lower Spraberry, Original Hole	3.0	48	
9,432.0	9,625.0	Lower Spraberry, Original Hole	3.0	48	
9,692.0	9,799.0	Dean, Original Hole	3.0	45	
9,867.0	10,059.0	Upper Wolfcamp, Original Hole	3.0	60	
10,705.0	10,918.0	Lower Wolfcamp, Original Hole	3.0	60	
11,082.0	11,177.0	Strawn, Original Hole	6.0	96	

Completion (FRAC) Details

Sand Frac on 2/20/2012 06:00

Date 2/20/2012	Type Sand Frac	Zone	Stim/Treat Company Pioneer Natural Resources	Min Top Depth (ftKB)	Max Btm Depth (ftKB)
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GEL

Fluid Name	Total Water/Clean Volume (bbl)
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SAND & ACID

Additive	Type	Amount	Units	Sand Size	Concentration...
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Zones

Zone Name	Top (ftKB)
Strawn	
Lower Wolfcamp	
Upper Wolfcamp	
Dean	
Lower Spraberry	
Upper Spraberry	

Tubing Details

Tubing Description	Set Depth (ftKB)	Run Date
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Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
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Rod Strings

Rod Description	Set Depth (ftKB)	Run Date
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Rod Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)	Make	Model	SN
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Well Tests

Description WELL TEST				Volume Oil Total (bbl) 55.0	Volume Gas Total (MCF) 60.000	Volume Water Total (bbl) 167.0	
Start Date	End Date	Sz Dia Choke (in)	Com		Vol Oil Tot (bbl)	Vol Gas Tot (MCF)	Vol Water Tot (bbl)
5/2/2012			P		24.0	10.000	82.0
5/3/2012			P		31.0	50.000	85.0
Description COMPLETION IP				Volume Oil Total (bbl)	Volume Gas Total (MCF)	Volume Water Total (bbl)	
Start Date	End Date	Sz Dia Choke (in)	Com		Vol Oil Tot (bbl)	Vol Gas Tot (MCF)	Vol Water Tot (bbl)
5/4/2012			COMP IP: 39.8 DEG. GRAVITY				

Drilling & Completion Summary

Well Name: UNIVERSITY 6-18A #2

Directional Survey

Date		Description				
12/28/2011		MAIN HOLE SURVEY				
Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	Unwrap Displace (ft)	Survey Company
1/10/2012				0.00	0.00	
12/30/2011	294.00	0.10		294.00	0.26	
12/30/2011	608.00	0.00		608.00	0.53	
12/30/2011	1,108.00	0.90		1,107.98	4.46	
12/31/2011	1,574.00	2.70		1,573.90	19.09	
12/31/2011	1,809.00	3.50		1,808.89	31.80	
1/2/2012	1,945.00	2.70		1,944.89	39.16	
1/2/2012	2,054.00	2.40		2,053.89	44.01	
1/2/2012	2,275.00	2.00		2,274.89	52.49	
1/2/2012	2,775.00	1.90		2,774.89	69.50	
1/3/2012	3,237.00	2.60		3,236.88	87.64	
1/3/2012	3,585.00	2.20		3,584.87	102.21	
1/4/2012	4,114.00	2.00		4,113.87	121.60	
1/4/2012	4,647.00	2.00		4,646.55	140.20	
1/5/2012	5,147.00	2.00		5,146.24	157.65	
1/5/2012	5,644.00	1.40		5,643.23	172.39	
1/5/2012	6,143.00	1.40		6,142.09	184.59	
1/6/2012	6,613.00	1.40		6,611.94	196.07	
1/6/2012	7,111.00	0.30		7,109.91	203.46	
1/7/2012	7,547.00	0.60		7,545.91	206.88	
1/7/2012	8,047.00	1.40		8,045.90	215.61	
1/8/2012	8,547.00	1.40		8,545.75	227.82	
1/8/2012	9,048.00	0.80		9,046.74	237.44	
1/9/2012	9,547.00	0.30		9,545.73	242.23	
1/9/2012	10,044.00	0.40		10,042.73	245.27	
1/10/2012	10,544.00	1.80		10,542.68	254.87	
1/10/2012	11,073.00	2.90		11,071.65	276.56	
1/11/2012	11,275.00	0.50		11,273.59	282.55	