

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

API/UWI 42-383-38334-0000		Property Sub 929682-002		Operator PIONEER NATURAL RESRC USA, INC		State TEXAS		County REAGAN	
Field Name SPRABERRY (TREND AREA)				Surface Legal Location 280' FSL/ 827' FWL, SEC: 31, BLK: 1, SVY: UNIVERSITY LANDS					
Spud Date 8/24/2013		TD Date 11/11/2013		Drilling Rig Release Date 11/14/2013		Frac Date 12/13/2013		On Production Date 1/24/2014	
Ground Elevation (ft) 2,847.00		Original KB Elevation (ft) 2,869.00		PBDT (All) (ftGRD) Original Hole - 18,072.0		Total Depth (All) (ftGRD) Original Hole - 18,173.0		Total Depth All (TVD) (ftGRD) Original Hole - 8,647.0	
Report #: 1 Daily Operation: 8/24/2013 09:00 - 8/25/2013 06:00									
Job Category ORIG DRILLING				Primary Job Type ODR				AFE Number 027784	
Days From Spud (days) 1		Days on Location (days) 1		End Depth (ftGRD) 736.0		End Depth (TVD) (ftGRD) 736.0		Dens Last Mud (lb/gal) 8.75	
Rig NABORS DRILLING, M58									
<p>Operations Summary</p> <p>Skid rig to University 2-6 #2H well and R/U on well. Connected: cellar, pumps, extend lines. Dress out TD, line up pits. Rig Accepted @ 09:00 hrs on 8/24/13. Held Pre-spud meeting with PNR, Nabors personnel. P/U BHA and TIH with #1ReRun PDC bit and BHA. Tagged at 142'. Drilled surface hole from 142' to 758. Taking surveys at: 400' 600'. Pumping sweeps every other stand. At TD pumped two 50 bbls of Hi-Vis sweeps and circulated hole clean. Dropped Gyro. TOO. Work tight spot @ 373' TOO. Clean STB/bit, TIH for wiper trip.</p> <p>Remarks</p> <p>Nabors M-55 Well (University 2-6 # 2H). Progress: 0.87 days since rig accepted, 0.45 days since Spud.</p> <p>Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.</p> <p>Completion percentage: Surface: 100% Intermediate: 0% Curve: 0% Lateral: 0%</p> <p>Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 1700 hrs on 8/24/2013.</p>									
Time Log Summary									
Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com			
8/24/2013 09:00	8/24/2013 11:00	2	MOBILIZATION	MIRU	MIRU	Rig Released from #3H and accepted on the #2H @ 09:00. Walk Rig from #3H to #2H.			
8/24/2013 11:00	8/24/2013 14:15	3.25	MOBILIZATION	MIRU	MIRU	R/U on University 2-6 #2H. Re connect cellar pumps and extend lines. Dress out top drive, line up pits. Rig Accepted @ 13:00 8/24/13. Traces of cement clogged in lines, had to beat out with a sledgehammer to free up line.			
8/24/2013 14:15	8/24/2013 14:45	0.5	PLAN	EQUIP	RIGSER	Rig Service			
8/24/2013 14:45	8/24/2013 15:15	0.5	PLAN	PERS	SFTY	PJSM w/ Pioneer Supt Hector Garcia, Consultants Ronnie Warren, Jim Edgeman, Jett Dueitt, Nabors crew and Toolpusher. Go over well plan and 2H procedures.			
8/24/2013 15:15	8/24/2013 17:00	1.75	PLAN	EQUIP	BHA	P/U 17 1/2" Bit, bha. TIH and tag conductor at 142'.			
8/24/2013 17:00	8/24/2013 19:00	2	SURF-DRILL	DRILL SURFACE	DRL	Drilled 74' @ 35 FPH, 100 rpm, 190 spm, 800 gpm, 850 psi *** Todco Svy @ 1.0 Inc			
8/24/2013 19:00	8/24/2013 19:30	0.5	PLAN	EQUIP	RIGSER	Service rig.			
8/24/2013 19:30	8/25/2013 01:30	6	SURF-DRILL	DRILL SURFACE	DRL	Rotate 542' @ 90 FPH. Pumping sweeps every other connection, dropping two soap sticks every connection. *** Todco Svy @ 397' 0.6 Inc *** Todco Svy @ 609' 0.7 Inc			
8/25/2013 01:30	8/25/2013 02:30	1	SURF-CIRC	CIRCULATE	CIRC	Circulate @ 800 gpm, 856 psi, 190 spm, 100 rpm. Pumped two 50 bbls Hi-Vis sweeps and circulated hole clean.			
8/25/2013 02:30	8/25/2013 03:00	0.5	PLAN	DRLG	DEVSUR	Rigged up and dropped Gyro survey.			
8/25/2013 03:00	8/25/2013 03:30	0.5	SURF-TRIP	TOOH	TRIP	TOOH taking surveys from 758' to 400'. At 388' 50 K over pull. Worked pipe, while pumping at 450 GPM, torque up to 5k ftlbs. Pipe hung up at 373'. Increased GPM to 600, while moving pipe down. Pipe got free, RPM 35, GPM 600, 500 PSI. Full returns.			
8/25/2013 03:30	8/25/2013 05:00	1.5	SURF-TRIP	TOOH	TRIP	TOOH to collars. STB 60% balled up. Retrieve Gyro, clean STB & Bit.			
8/25/2013 05:00	8/25/2013 06:00	1	SURF-TIH	TRIP IN HOLE	TIH	TIH for wiper trip.			

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 2 Daily Operation: 8/25/2013 06:00 - 8/26/2013 04:30

Job Category ORIG DRILLING				Primary Job Type ODR			AFE Number 027784	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig			
1	2	736.0	736.0	8.55	NABORS DRILLING, M58			

Operations Summary
Wash & ream f/ 216' - 458'. TIH on elevators to 758'. Pump 80 bbl hi-vis sweep. Circulate @ 190 spm, 800 gpm, 100 rpm. TOOH on elevators, no drag. L/D surface BHA, STB, bit. R/U csg equipment. P/U & M/U 1 joint shoe track. Pump through float and shoe collar, floats working. Run 18 jts of 13 3/8" 48# J55 STC to 758'. Install swedge, circulate. R/U cement equipment, PJSM meeting w/ crew and cementers. Cement surface csg & bump plug @ 19:00. WOC 4 hours, rough cut csg and conductor. Install wellhead and test to 370 Psi. R/D and prep to move from #2H to #1H. Release Rig to #1H @ 04:30.

Remarks
Nabors M-58 Well (University 2-6 # 2H). Progress: 1.81 days since rig accepted, 1.38 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 0% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/25/2013 06:00	8/25/2013 07:15	1.25	SURF-W&R	WASH & REAM	WASH_R EAM	Wash and Ream From 216' to 458'. Continue tripping on elevators to bottom @ 758'.
8/25/2013 07:15	8/25/2013 08:00	0.75	SURF-CIRC	CIRCULATE	CIRC	Circulate @ 190 spm, 800 gpm, 100 rpm. Pump 80 bbl high visc sweep and circ full surface to surface.
8/25/2013 08:00	8/25/2013 09:15	1.25	SURF-TRIP	TOOH	TRIP	TOOH f/ 758' t/ BHA on elevators. No drag.
8/25/2013 09:15	8/25/2013 09:45	0.5	PLAN	EQUIP	BHA	L/D surface BHA and 17 1/2" bit.
8/25/2013 09:45	8/25/2013 10:15	0.5	SURF-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service Rig.
8/25/2013 10:15	8/25/2013 11:15	1	SURF-CASE	RUN SURFACE CASING	CASE	R/U Express casing equipment, stage float equipment and stabilizers.
8/25/2013 11:15	8/25/2013 11:45	0.5	PLAN	PERS	SFTY	PJSM w/ Express casing crew, Nabors tool pusher and crew, Pioneer Consultants.
8/25/2013 11:45	8/25/2013 14:30	2.75	SURF-CASE	RUN SURFACE CASING	CASE	M/U 1 joint shoe track adding thread lock to shoe and both sides of float. Centralizer w/ stop ring placed in the middle of first two joints. Pump through and confirm float/shoe working. Test good. Run 18 joints of 13 3/8, 48.00#/ft, J-55 ST&C Casing f/ 90' t/ 758' filling up every 5 joints. Land casing on bottom w/ 5' of stick up.
8/25/2013 14:30	8/25/2013 17:00	2.5	SURF-CMT	CEMENT SURFACE CASING	CMT	R/D csg tools & make up cement swedge. Circulate 2 casing volumes @ 80 spm while rigging up cementers. Make up and load cement head w/ non rotating top plug with a tattle tale. Connect steel lines to head and on floor.
8/25/2013 17:00	8/25/2013 17:30	0.5	PLAN	PERS	SFTY	PJSM w/ Schlumberger cement crew, Pioneer consultants and Nabors rig crew
8/25/2013 17:30	8/25/2013 19:00	1.5	SURF-CMT	CEMENT SURFACE CASING	CMT	Tested lines to 1,500 PSI, Ok. Pumped 20 bbls of water spacer. Mixed and pumped 185 bbls of 13.6 PPG cement slurry (610 sxs, yield:1.70 cu ft/sx) with: 3.0% D20 + 2.0% SOO1. Dropped plug, calculated displacement = 113.2 bbls, displace w/ fresh water. Cement to surface 37 bbls into displacement. Total cement returned: 76 bbls. Rate: 6.7 BPM, final pressure 270 psi. Bumped plug @ 105.5 bbls with 500 psi over (790 psi). Held pressure for 5 minutes, floats held. Bled pressure off, got back 1/2 bbl. Cement in place at 20:03 hrs. Monitor for 5 minutes, Ok. Lift Pressures: 20 bbls- 1246 psi; 40 bbls - 287 psi; 60 bbls - 324 psi; 80 bbls - 275 psi; 100 bbls - 255 psi; 105.5 bbls - 270 psi.
8/25/2013 19:00	8/25/2013 23:00	4	SURF-CMT	CEMENT SURFACE CASING	CMT	WOC for 4 hours. R/D cementers equipment. Prepare rig to walk. Pulled: MH, pipe under pragma, Removed trolley beam, hydraulics between subs, cellar pumps.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/25/2013 23:00	8/26/2013 04:30	5.5	PLAN	EQUIP	WLHEAD	Made rough cut on 13 3/8" casing and conductor. L/D cutoff. Made final cut on 13 3/8" and grind same. Install wellhead, leveled and welded. Wait 30 minutes & let cool, tested wellhead to 370 psi for 10 minutes, OK. Witnessed by Pioneer representative. Install well cap. Release rig to University 2-6 #1H @ 04:30.

Report #: 3 Daily Operation: 8/28/2013 04:00 - 8/28/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
4	2	736.0	736.0	8.55	NABORS DRILLING, M58	

Operations Summary

Rig Accepted @ 04:00, begin walk.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 1.89 days since rig accepted, 1.46 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 0% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Est Intermediate SPUD Date: 8-29-2013 @ 06:00

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/28/2013 04:00	8/28/2013 06:00	2	MOBILIZATION	MIRU	MIRU	Accept Rig from University 2-6 #1H @ 04:00. Skid Rig from 1H to 2H.

Report #: 4 Daily Operation: 8/28/2013 06:00 - 8/29/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
5	3	736.0	736.0	8.55	NABORS DRILLING, M58	

Operations Summary

Skid rig f/#1H to #2H. R/U & level pragma & substructure. Skid Koomey and HPU unit. N/U BOP stack with spools. Make up hydraulic lines f/ Koomey. Hook up air line, pressure up, found leak in accumulator, contact Cameron to be on location and replace o'ring. R/U 2" lines to attach & and bleed off flowline. Install choke line, valve handles on stack while hooking up Vaccum and connect lines. Tested Ok. Offload Directional tools, MWD house. R/U bails and elevators.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 2.89 days since rig accepted, 2.46 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 0% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Est Intermediate SPUD Date: 8-29-2013 @ 17:00

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/28/2013 06:00	8/28/2013 07:45	1.75	MOBILIZATION	MIRU	MIRU	Skid Rig From University 2-6 #1H to the #2H.
8/28/2013 07:45	8/28/2013 09:30	1.75	MOBILIZATION	MIRU	MIRU	R/U and level pragma & substructure. Skid koomey and HPU unit. Add beam to electric trolley and remove cellar pumps.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/28/2013 09:30	8/28/2013 23:30	14	INT-NU/TEST	NIPPLE UP/TST	NU/TEST	N/U BOPs. Fully dress out BOP w/ kill line and choke valves. Install blind rams on bottom, 5" pipe rams on top. Modify and M/U flowline. M/U and attach two lower spools on bottom of stack. Make up hydraulic lines from Koomey and power Koomey skid. Hook up air line to accumulator, pressure up, found leak in metal oring that when pressure up it would leak oil. Replaced o'ring. Hook up flowline. *** Forklift trouble during the day and went down @ 17:00. Nabors Toolpusher informed Hertz of the issue and was told someone would be on location by 19:00, hand did not show up until 23:00 to repair forklift. Not having a forklift did not halt any operation other than not being able to offload trucks. Forklift repaired by 23:30.
8/28/2013 23:30	8/29/2013 04:00	4.5	INT-NU/TEST	NIPPLE UP/TST	NU/TEST	R/U 2" fill-up line to stack, 2" bleed off to flowline. Hooked up derrick assist & geronimo lines, hooked up electrical grounds to pragma, koomey, HPU and subs. Offload Directional tools & MWD house. Install choke line. Install valve handles on stack. Hooked up vacuum, lines and tested Ok. R/U bales and elevators.
8/29/2013 04:00	8/29/2013 06:00	2	SURF-NU/TEST-SURF	NIPPLE UP/TEST	NU/TEST	R/U Greene's BOP Testers & Seaboard test plug. Test plug would not pass through bell nipple. Begin testing the choke manifold while N/D bell nipple for modifications. Welder called @ 04:45.

Report #: 5 Daily Operation: 8/29/2013 06:00 - 8/30/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 6	Days on Location (days) 4	End Depth (ftGRD) 739.0	End Depth (TVD) (ftGRD) 739.0	Dens Last Mud (lb/gal) 9.97	Rig NABORS DRILLING, M58	

Operations Summary

Test BOPE according to TRRC regulations. Had to rebuild bell nipple due to it being to small for test plug. Test BOP rams, spool, choke /kill lines and choke manifold to 250 psi low/ 2500 psi High. Test Annular BOP to 250 psi low / 2500 psi High. Test Accumulator and test Csg to 1000 psi for 30 minutes. All tested OK. PU/MU Intermediate BHA #2. Scribe and Test Same. Install pumps and lines in backyard for water and mud systems. Install flow sensor and repair leak on Bell nipple. Finish RIH w/ BHA #2. Tagged Cmt @ 714". Displace fresh water with brine water. Drill out Shoe Track. Drill 12 1/4" Intermediate Hole F/ 757' T/ 761'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 3.89 days since rig accepted, 3.46 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 0% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Est Intermediate SPUD Date: 8-29-2013 @ 17:00

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/29/2013 06:00	8/29/2013 12:00	6	INT-NU/TEST	NIPPLE UP/TST	NU/TEST	Test BOPE according to TRRC regulations. Had to rebuild bell nipple due to it being to small for 13 5/8" test plug. Continue Testing
8/29/2013 12:00	8/29/2013 16:00	4	INT-NU/TEST	NIPPLE UP/TST	NU/TEST	Test BOPE - Annular, blind and pipe rams failed to test, after multiple attempts. Test plug was not installed properly. Reinstalled test plug and all tested ok. Performed Accumulator test while floor valves and Inside grey valve were being tested. Tested BOP rams, spool, choke/kill lines and choke manifold to 250 low, 2500 high, tested annular bop to 250 low, 2500 high, tested accumulator and casing to 1000 psi for 30 mins. Tested back to pumps 250 low, 2500 high and 4 inch valves
8/29/2013 16:00	8/29/2013 17:00	1	INT-NU/TEST	NIPPLE UP/TST	NU/TEST	Install new Bell Nipple, Turnbuckles, and Center up Stack.
8/29/2013 17:00	8/29/2013 22:00	5	PROD1	SHARE	BHA	PU Intermediate BHA #2. Install EM tool, scribe and test motor. Test good.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/29/2013 22:00	8/30/2013 00:45	2.75	UNPLANNED	Other - Anything not listed above	U_OTR	Rig up transfer pumps and line in back yard for water and mud systems. Install flow sensor, tighten up bell nipple.
8/30/2013 00:45	8/30/2013 01:15	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service top drive, blocks, drag chain, TM-80 and drawworks.
8/30/2013 01:15	8/30/2013 04:15	3	INT-TRIP IN HOLE	TRIP IN HOLE	TIH	TIH making up 6 1/2" drill collars, HWDP and jars. Tagged cement @ 714'.
8/30/2013 04:15	8/30/2013 04:30	0.25	INT-CIRC	CIRCULATE	CIRC	Displace fresh water with 10 ppg brine water.
8/30/2013 04:30	8/30/2013 05:45	1.25	INT-TST CSG/DO/FIT	TEST CSG/DRILL OUT/FIT	TEST CSG/DRI LL OUT/FIT	Drill out float equipment and cement. Wiped Shoe track several times to ensure free and clear.
8/30/2013 05:45	8/30/2013 06:00	0.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Drill 12 1/4" Hole F/ 757' T/ 761'. WOB - 12K, SPP 1200psi, 420gpm, DP - 300psi, 15 rpm.

Report #: 6 Daily Operation: 8/30/2013 06:00 - 8/31/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
7	5	2,905.0	2,904.6	10.30	NABORS DRILLING, M58	

Operations Summary

Rot/Sld drill f/752' t/1,606', Service rig, Rot/Sld drill f/1,606' t/2,739', Service rig, Rot f/2,739' t/2,927'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 4.89 days since rig accepted, 4.46 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 30% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/30/2013 06:00	8/30/2013 12:30	6.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 752' = 115.6 fph wob-18/25, rpm 60/116, gpm650, diff -520/600 torque- 6/8 k, psi 1275, stks 130
8/30/2013 12:30	8/30/2013 13:00	0.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 40' = 80 fph wob-22k, mmrpm-136, gpm-800,, diff-350 HIGH SIDE
8/30/2013 13:00	8/30/2013 13:15	0.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 53' = 212 fph gpm-800, diff-550, torque- 7/8 k
8/30/2013 13:15	8/30/2013 13:45	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig. Inspect and grease top drive, Blocks and Drawworks couples, checked and three holed safety blocks
8/30/2013 13:45	8/30/2013 16:00	2.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 189' = 84 fph rpm100/136 gpm-800
8/30/2013 16:00	8/30/2013 18:00	2	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 189' @ 94.5 fph, rpm100, gpm-680, wob-25, diff-550, tq-4-9k.
8/30/2013 18:00	8/31/2013 00:30	6.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 566' @ 87 fph, rpm100, gpm-680, wob-25, diff-550, tq-4-9k. Pumping 15-20 bbl sweeps every stand.
8/31/2013 00:30	8/31/2013 01:30	1	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 40' = 40 fph, wob-12k, mmrpm-116, gpm-680, diff-350, MTF-240.
8/31/2013 01:30	8/31/2013 03:00	1.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 149' @ 99.3 fph, rpm100, gpm-680, wob-26, diff-550, tq-5-9k. Pumping 15-20 bbl sweeps every stand.
8/31/2013 03:00	8/31/2013 03:30	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service top drive.
8/31/2013 03:30	8/31/2013 06:00	2.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 188' @ 75.2 fph, rpm100, gpm-680, wob-28, diff-500, tq-5-9k. Pumping 15-20 bbl sweeps every stand.
Note: BOP Drill @ 05:50hrs						

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Well Name: UNIVERSITY 2-6 2H

Report #: 7 Daily Operation: 8/31/2013 06:00 - 9/1/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR			AFE Number 027784				
Days From Spud (days)	8	Days on Location (days)	6	End Depth (ftGRD)	4,196.0	End Depth (TVD) (ftGRD)	4,195.5	Dens Last Mud (lb/gal)	8.70	Rig	NABORS DRILLING, M58

Operations Summary

Rot/Sld drill F/2927' T/ 4218'. Displaced 10ppg Brine w/ 8.6ppg WBM on the fly @ 4065'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 5.89 days since rig accepted, 5.46 days since Spud.

Rig NPT: 0.00 hours for previous 24 hours. 0.00 hours for month of August.

Completion percentage: Surface: 100% | Intermediate: 58% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
8/31/2013 06:00	8/31/2013 10:45	4.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 284 feet, 59.7 fph 25 WOB, 114 mm rpm, 60 surface rpm, 670 gpm@1650 psi, on bottom torque 8600, off bottom torque 2300 ft/lbs.
8/31/2013 10:45	8/31/2013 11:15	0.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 20 ft, 40 fph, 114 mm rpm, 25 WOB, 1650 psi @676 gpm, 200 MTF.
8/31/2013 11:15	8/31/2013 14:00	2.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 169 ft, 61.45 fph, 25 WOB, 676 gpm@1750psi, 114 mm rpm, 80 surface rpm, 8500 on bottom torque, 2500 off bottom torque.
8/31/2013 14:00	8/31/2013 14:45	0.75	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 30 ft, 40 fph, 25k WOB, 114 mm rpm, 672 gpm@1902 psi, 220 degrees MTF.
8/31/2013 14:45	8/31/2013 16:30	1.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 70 feet, Average rop 40 fph, 672 gpm@2100 psi, 114 mm rpm, 80 surface rpm, on bottom torque 8300 ft/lbs
8/31/2013 16:30	8/31/2013 21:00	4.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 371 ft, 82 fph, 25 WOB, 796 gpm@ 2450psi, 135 mm rpm, 110 surface rpm, 8500 on bottom torque, 2500 off bottom torque.
8/31/2013 21:00	8/31/2013 22:30	1.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 50 ft, 33 fph, 18k WOB, 92 mm rpm, 544 gpm@ 1600 psi, 200 degrees MTF.
8/31/2013 22:30	9/1/2013 01:00	2.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 144 ft, 58 fph, 25 WOB, 796 gpm@ 2700psi, 135 mm rpm, 110 surface rpm, Pumped fluid caliper sweep results showed 7% washout.
9/1/2013 01:00	9/1/2013 02:15	1.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate F/ 4065 T/ 4125' Displacing 10ppg Brine w/ 8.6ppg WBM on Fly, 60 ft, 48 fph, 25 WOB, 450-500 gpm@ 1350psi, 85 mm rpm, 100 surface rpm
9/1/2013 02:15	9/1/2013 06:00	3.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 153 ft, 31 fph, 25 WOB, 550 gpm@ 1350psi, 94 mm rpm, 100 surface rpm, Note: Had to relog Gamma F/ 4065' T/ 4100'.

Report #: 8 Daily Operation: 9/1/2013 06:00 - 9/2/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
9	7	5,332.0	5,331.3	8.80	NABORS DRILLING, M58		

Operations Summary

Rot/Sld drill f/4218' t/4818', Service rig, Rot drill f/4818' t/ 4846', Repair #1 mud pump, Rot drill f/4846' t/5007', Service rig, Rot drill f/5007' t/5354'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 6.89 days since rig accepted, 6.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 64% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/1/2013 06:00	9/1/2013 08:00	2	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 69 ft, 34.5 fph, 30 WOB, 600 gpm @ 1560 psi, 102 mm rpm, 100 surface rpm, tq 6600.
9/1/2013 08:00	9/1/2013 09:30	1.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 57 ft, 38 fph, 35 WOB, 625 gpm @ 1800 psi, 106 mm rpm, 110 surface rpm, tq 6600.
9/1/2013 09:30	9/1/2013 10:00	0.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 10 ft, 20 fph, 12 WOB, 625 gpm @ 1750 psi, 106 mm rpm,
9/1/2013 10:00	9/1/2013 15:00	5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 286 ft, 57.2 fph, 42 WOB, 628 gpm @ 2050 psi, 106 mm rpm, 110 surface rpm, tq 8500.
9/1/2013 15:00	9/1/2013 17:30	2.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 178 ft, 71.2 fph, 43 WOB, 628 gpm @ 2050 psi, 106 mm rpm, 110 surface rpm, tq 8500.
9/1/2013 17:30	9/1/2013 18:00	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and top drive.
9/1/2013 18:00	9/1/2013 18:30	0.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 28 ft, 56 fph, 40 WOB, 628 gpm @ 2000 psi, 106 mm rpm, 110 surface rpm, tq 8000.
9/1/2013 18:30	9/1/2013 19:00	0.5	UNPLANNED	Other - Anything not listed above	U_OTR	Replace 3 valves on #1 pump.
9/1/2013 19:00	9/1/2013 23:00	4	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 161 ft, 40.25 fph, 48 WOB, 670 gpm @ 2050 psi, 114 mm rpm, 80/110 surface rpm, tq 7500.
9/1/2013 23:00	9/1/2013 23:30	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service top drive, drawworks and blocks.
9/1/2013 23:30	9/2/2013 06:00	6.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 347 ft, 53.4 fph, 48 WOB, 670 gpm @ 2150 psi, 114 mm rpm, 100 surface rpm, tq 7900.

Report #: 9 Daily Operation: 9/2/2013 06:00 - 9/3/2013 06:00

Job Category ORIG DRILLING	Primary Job Type ODR	AFE Number 027784
Days From Spud (days) 10	Days on Location (days) 8	End Depth (ftGRD) 5,366.0
End Depth (TVD) (ftGRD) 5,365.3	Dens Last Mud (lb/gal) 8.80	Rig NABORS DRILLING, M58

Operations Summary

Rot/Sld drill f/5354 t/5389, Circulate(MWD failure), TOO H1660' - pulled tight, worked tight spots, Tooh t/1410', TIH to bottom, Circulate and condition mud and hole, check flow, pump slug, TOO H to BHA @ 1410', Rack back HWDP and collars, lay down BHA, Pull, inspect and reinstall wear bushing, Service rig, Function test accumulator and BOP, P/U BHA and bit, scribe and test. TIH t/402'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 7.89 days since rig accepted, 7.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 64% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 ****

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/2/2013 06:00	9/2/2013 06:45	0.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 31 ft.-41.3 fph wob-40, rpm-60/174, gpm-670, diff-540, torque - 6/8500 k
9/2/2013 06:45	9/2/2013 07:30	0.75	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 3 ft.- 4 fph, wob-30, mmrpm-174 gpm-670, diff-580, tool face-270 mtf
9/2/2013 07:30	9/2/2013 08:30	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Circulate bottom up due to MWD and bit failure worked pipe full stand with 60 rpm and 630 gpm
9/2/2013 08:30	9/2/2013 11:00	2.5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Trip out of hole to 1660' pulled tight hole took correct fill.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/2/2013 11:00	9/2/2013 12:00	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Worked through tight spots f/1660'/1418 some spots took 35k over and 25k under making progress on every pull @ 1660', 1496', 1472', 1460', 1424', 1418',
9/2/2013 12:00	9/2/2013 12:30	0.5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Backed reamed f1418 thru 1414' 250 gpm, 30 rpm wipe thru bad spot 3 times
9/2/2013 12:30	9/2/2013 13:30	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Finished trip out of hole with no other hole problems
9/2/2013 13:30	9/2/2013 16:30	3	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Tripping in hole for wiper trip due to tight hole problems
9/2/2013 16:30	9/2/2013 19:30	3	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Circulated, condition mud and hole. Built and pumped 40 bbl high vis sweep, circulated surface to surface.
9/2/2013 19:30	9/2/2013 20:00	0.5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Check well for flow- negative flow. TOO H 3 stands wet.
9/2/2013 20:00	9/2/2013 23:30	3.5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Pumped slug and TOO H to BHA.
9/2/2013 23:30	9/3/2013 01:15	1.75	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Lay down BHA, motor, bit, NMDC, EM tool and subs. Change out float, P/U new motor and bit.
9/3/2013 01:15	9/3/2013 02:00	0.75	UNPLANNED	Other - Anything not listed above	U_OTR	Remove, inspect and reinstall wear bushing.
9/3/2013 02:00	9/3/2013 02:30	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service top drive, blocks, TM-80, drawworks and drag chain.
9/3/2013 02:30	9/3/2013 02:45	0.25	UNPLANNED	Other - Anything not listed above	U_OTR	Function test BOP and accumulator.
9/3/2013 02:45	9/3/2013 05:00	2.25	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Pick up BHA, NM sub, install MWD tool, scribe and test motor and tool, pick NMDC and crossover.
9/3/2013 05:00	9/3/2013 06:00	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	TIH with 8" DC's and 6' DC's

Report #: 10 Daily Operation: 9/3/2013 06:00 - 9/4/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 11	Days on Location (days) 9	End Depth (ftGRD) 6,279.0	End Depth (TVD) (ftGRD) 6,277.9	Dens Last Mud (lb/gal) 8.80	Rig NABORS DRILLING, M58	

Operations Summary

TIH w/ BHA #3. Wash and Ream F/ 5290' to Btm. Rotate and Slide Drill Intermediate section F/ 5388' T/ 6301'

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 8.89 days since rig accepted, 8.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 77% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey showed 22.4' south and 28.6 east of directional plan.

@ approx. 6000' we slowed to 90rpm and have dropped flow rate.

Currently we are @ 80rpm and 575gpm rotating to try and bring inclination back.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 ****

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/3/2013 06:00	9/3/2013 08:45	2.75	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Trip in hole to 5290' filling pipe every 20 stands

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/3/2013 08:45	9/3/2013 09:30	0.75	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Wash and ream from 5290/5388 620 gpm, 50 rpm.
9/3/2013 09:30	9/3/2013 10:30	1	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide F 30' =40 fph, wob-25 rpm-97 diff-475 300-MTF
9/3/2013 10:30	9/3/2013 11:30	1	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 63' -63 fph wob-26, rpm 105/97 gpm575, diff-410 torque-6/9 k
9/3/2013 11:30	9/3/2013 12:00	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig performed dropped objects on top drive, Greased blocks top drive, and Drawworks couplings, checked and three hole brakes and added oil to top drive
9/3/2013 12:00	9/3/2013 13:30	1.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 40 ft- 26.6 fph , wob-23, diff-325 575 gpm, mmrpm-98 270-MTF
9/3/2013 13:30	9/3/2013 14:15	0.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 54' -72 fph wob-26, rpm-105/ 98, gpm-575, diff-330,
9/3/2013 14:15	9/3/2013 14:45	0.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 20'- 26.6 fph wob-23, diff-325 575 gpm, mmrpm-98 MTF-270
9/3/2013 14:45	9/3/2013 19:00	4.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 360' -85 fph wob-25, rpm-105, gpm-570, diff-530,
9/3/2013 19:00	9/3/2013 21:00	2	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 40 ft- 20 fph , wob-23, diff-200 570 gpm, mmrpm-97 310-MTF
9/3/2013 21:00	9/3/2013 22:00	1	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 53' -53 fph wob-25, rpm-90, gpm-570, diff-480,
9/3/2013 22:00	9/4/2013 00:00	2	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 60 ft- 30 fph , wob-15, diff-250 570 gpm, mmrpm-97 310-MTF
9/4/2013 00:00	9/4/2013 01:30	1.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 44' -29 fph wob-25, rpm-90, gpm-650, diff-420,
9/4/2013 01:30	9/4/2013 02:00	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Blocks, TM-80, Drawworks, Drag chain, 3 Holed Brakes, Changed out Dyes in Backup wrench.
9/4/2013 02:00	9/4/2013 04:15	2.25	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 60 ft- 27 fph , wob-15, diff-275 570 gpm, mmrpm-97 310-MTF
9/4/2013 04:15	9/4/2013 06:00	1.75	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 98' - 56 fph wob-15, rpm-80, gpm-575, diff-280, Control drill due to inclination.

Report #: 11 Daily Operation: 9/4/2013 06:00 - 9/5/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 12	Days on Location (days) 10	End Depth (ftGRD) 6,731.0	End Depth (TVD) (ftGRD) 6,729.6	Dens Last Mud (lb/gal) 8.80	Rig NABORS DRILLING, M58	

Operations Summary

Rotate and Slide Drill Intermediate section F/ 6301' T/ 6753'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 9.89 days since rig accepted, 9.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 83% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 6644' showed 37.76' South and 32.48' East 49.8' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/4/2013 06:00	9/4/2013 07:15	1.25	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 32'=25.6 fph wob-15, rpm-50/148, diff-300, gpm-578
9/4/2013 07:15	9/4/2013 09:15	2	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 70' =28 fph, wob-12 mmrpm-98, gpm-578, diff-250, 300-MTF
9/4/2013 09:15	9/4/2013 11:00	1.75	UNPLANNED	Rig Repair (NON-CODE 8, Replacing Pump Expendables)	U_RIG_OTR	Change and replaced pump expendables change out swab and liner on #2 pump

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/4/2013 11:00	9/4/2013 11:45	0.75	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 16 ft- 15.25 fph wob-13 wob13, gpm, 105, 98 MTF
9/4/2013 11:45	9/4/2013 13:15	1.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 38 ft- 25.3 fph wob-17 rpm-105/250 gpm-575 diff-250,
9/4/2013 13:15	9/4/2013 23:30	10.25	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 180 ft- 18 fph wob-15, mmrpm-93,, 550 -gpm, 330 MTF
9/4/2013 23:30	9/5/2013 00:00	0.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 10 ft- 25.3 fph wob-17 rpm-110 gpm-650 diff-350,
9/5/2013 00:00	9/5/2013 00:30	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Top Drive, Blocks, TM-80, Drawworks, Dragchain, 3 Holed Brakes.
9/5/2013 00:30	9/5/2013 01:00	0.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 31 ft- 62 fph wob-17 rpm-110 gpm-650 diff-460,
9/5/2013 01:00	9/5/2013 04:30	3.5	INT-DRILL-VERT	DRILL INT VERT-SLIDE	DRL-SLIDE	Slide 63ft- 18 fph wob-15, mmrpm-93,, 550 -gpm, 330 MTF
9/5/2013 04:30	9/5/2013 05:30	1	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 30ft- 60 fph wob-17 rpm-70 gpm-650 diff-300,
9/5/2013 05:30	9/5/2013 06:00	0.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Slide 10ft- 20 fph wob-15, mmrpm-93,, 570 -gpm, 330 MTF Control drilling due to inclination.

Report #: 12 Daily Operation: 9/5/2013 06:00 - 9/6/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 13	Days on Location (days) 11	End Depth (ftGRD) 7,552.0	End Depth (TVD) (ftGRD) 7,550.5	Dens Last Mud (lb/gal) 8.90	Rig NABORS DRILLING, M58	

Operations Summary

Rotate and Slide Drill Intermediate section F/ 6753' T/ 7574'. Circulated and pumped slug. TOOH.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 10.89 days since rig accepted, 10.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 86% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 7495' showed 34.53' South and 35.16' East 49.3' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/5/2013 06:00	9/5/2013 07:00	1	INT-DRILL-CURVE	DRILL INT CURVE-SLIDE	DRL-SLIDE	Slide 11' =11 fph, wob-15 mmrpm-97, gpm-570, diff-250, 300-MTF
9/5/2013 07:00	9/5/2013 15:00	8	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 476 ft, 59.5 Fph, Wob-25 Rpm-110, Gpm-670, Diff press-300,
9/5/2013 15:00	9/5/2013 23:30	8.5	INT-DRILL-CURVE	DRILL INT CURVE-ROTATE	DRL-ROT	Rotate 228', 26.8 fph, wob: 36, 603 gpm, 2200 psi, Rpm 70/mmrpm: 103, Diff press 113. Tque: 5600 ft-lbs.
9/5/2013 23:30	9/6/2013 00:00	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig, top drive, blocks, drawworks, 3 hole brakes, drilling chain. Added 4 gallons of oil to top drive.
9/6/2013 00:00	9/6/2013 05:00	5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate 106', 21.2 fph, wob: 36, 603 gpm, 2030 psi, Rpm 70/mmrpm: 103, Diff press 63. Tque: 3600 ft-lbs.
9/6/2013 05:00	9/6/2013 06:00	1	INT-CIRC	CIRCULATE	CIRC	Circulated and pumped slug. TOOH due to slow ROP.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 13 Daily Operation: 9/6/2013 06:00 - 9/7/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
14	12	7,650.0	7,648.5	8.90	NABORS DRILLING, M58	

Operations Summary

TOOH. Worked thru tight spot @ 1,370' (25 K over) several times until wiped out area of concern. L/D Bha, 6 1/2" DC's. P/U new 12 1/4" PDC bit, 05 8" DC's, 09 5" HWDP. Scribe and tested same, OK. TIH to 4,000', filling pipe every 20 stds. Circ B/U @ 90 spm, 376 gpm, 845 psi. TIH to 6,000' @ circulated b/u @ 110 spm, 471 gpm, 1345 psi. Continue TIH and tagged @ 7,567', washing & reaming last 03 stds to bottom @ 70 rpm / 103 mmrpm, 144 spm, 603 gpm, 2,345 psi. Circulated b/u @ 7,572' @ 144 spm, 603 gpm, 2,316 psi. Rotate Drilling @ 7,672'.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 11.89 days since rig accepted, 11.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 87% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 7672' showed 33.63' South and 35.93' East
51.2' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/6/2013 06:00	9/6/2013 11:00	5	INT-TRIP	TOOH	TRIP	TOOH due to slow ROP. Tight spot at 1370' worked through with 25k over & 25k down worked thru area several times wiping out area of concern.
9/6/2013 11:00	9/6/2013 13:00	2	PLAN	EQUIP	BHA	L/D BHA, drain motor and break out bit, lay down monel, shock sub.
9/6/2013 13:00	9/6/2013 13:30	0.5	PROD-1-WEARBUSHING	INSTALL/REMOVE/IN SPECT WEARBUSHING	WEARBU SHING	Pull wear bushing and inspect same no wear re-install and lock down.
9/6/2013 13:30	9/6/2013 15:00	1.5	SURFACE	DRLG	BHA	Lay 6 1/2" drill collar's out of derrick and replace with 8" drill collars due to wash out between rig cross over and 6 1/2" drill collar.
9/6/2013 15:00	9/6/2013 18:00	3	INT-TRIP IN HOLE	TRIP IN HOLE	TIH	Strapped (05) 8" drill collars, (09) 5" hwdp. TIH with 12 1/4" Pdc bit, bha to 120'. Scribe and tested same, OK.
9/6/2013 18:00	9/6/2013 22:30	4.5	INT-TRIP IN HOLE	TRIP IN HOLE	TIH	Held PJSM for night crew. Continue TIH with Bha and 5" DP to 4,000'. Filling pipe every 20 stds.
9/6/2013 22:30	9/6/2013 23:30	1	INT-CIRC	CIRCULATE	CIRC	Circulated bottoms up @ 90 spm, 376 gpm, 845 psi. Mw out; 9.1+ ppg.
9/6/2013 23:30	9/7/2013 00:30	1	INT-TRIP IN HOLE	TRIP IN HOLE	TIH	TIH from 4,000' to 6,000'.
9/7/2013 00:30	9/7/2013 02:00	1.5	INT-CIRC	CIRCULATE	CIRC	Filled pipe and circulated bottoms up at 6,000' @ 110 spm, 471 gpm, 1,340 psi.
9/7/2013 02:00	9/7/2013 03:30	1.5	INT-TRIP IN HOLE	TRIP IN HOLE	TIH	TIH f/6000' to 7,300'. Wash and ream last three stds and tagged at 7,567'. 70 rpm / 103 mmrpm, @ 144 spm, 603 gpm, 2,540 psi.
9/7/2013 03:30	9/7/2013 04:30	1	INT-CIRC	CIRCULATE	CIRC	Circulate bottoms up at 7,572' for safety @ 144 spm, 603 gpm, 2,316 psi, 70 rpm / 103 mmrpm.
9/7/2013 04:30	9/7/2013 06:00	1.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate drilling. Wob: 15-18k, rpm: 75 / 103 mmrpm, 144 spm, 603 gpm, 2,560 psi, torque: 7,950 ft-lbs.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 14 Daily Operation: 9/7/2013 06:00 - 9/8/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR		AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
15	13	7,958.0	7,956.5	8.95	NABORS DRILLING, M58	

Operations Summary

Rotate Drilling F/ 7,672' to 7,980'. Pump 2- 40 bbl hi-vis sweep rotating @ 70 rpm and reciprocating pipe to clean and condition hole for 9 5/8" casing. Pump slug. TOO. Worked thru tight spots @ 1871', 1867'. Rack back BHA. Retrieved wear bushing, service rig. R/U csg equipment. Running 9 - 5/8" casing.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 12.89 days since rig accepted, 12.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 7913' showed 33.24' South and 41.40' East
53.9' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/7/2013 06:00	9/7/2013 08:30	2.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate drilling. Wob: 15-18k, rpm: 75 / 103 mmrpm, 144 spm, 603 gpm, 2,560 psi, Diff: 370 torque: 7,950 ft-lbs.
9/7/2013 08:30	9/7/2013 09:00	0.5	PROD1-RIGSERVICE	RIGSEV	RIGSER	Service top drive, [erformed drop objects inspection. Grease blocks and drawworks coupling, checked and three holed brakes. Took SPR @ 7798' with 8.9 ppg MW.
9/7/2013 09:00	9/7/2013 12:30	3.5	INT-DRILL-VERT	DRILL INT VERT-ROTATE	DRL-ROT	Rotate drilling. Wob: 15-18k, rpm: 75 / 103 mmrpm, 144 spm, 603 gpm, 2,560 psi, Diff: 370 torque: 7,950 ft-lbs.
9/7/2013 12:30	9/7/2013 17:00	4.5	INT-CIRC	CIRCULATE	CIRC	Pump 2- 40 bbl hi-vis sweep rotating @ 70 rpm and reciprocating pipe to clean and condition hole for 9 5/8" casing.
9/7/2013 17:00	9/7/2013 18:00	1	INT-TRIP	TOOH	TRIP	Pump slug and start tripping out of hole.
9/7/2013 18:00	9/7/2013 23:30	5.5	INT-TRIP	TOOH	TRIP	TOOH f/7,980' to BHA. Tight spots at: 1,871'; 1,867' w/25Kover. Worked through with 45 rpm, 80 spm, 340 gpm, 680-700 psi. several times, OK.
9/7/2013 23:30	9/8/2013 01:30	2	INT-TRIP	TOOH	TRIP	L/D: Shock-sub, float sub, 12 1/4" bit. Rack back BHA in derrick. Clean rig floor.
9/8/2013 01:30	9/8/2013 02:00	0.5	SURFACE-WEARBUSHING	INSTALL / REMOVE / INSPECT WB	WEARBU SHING	Retrieved wear bushing and inspect same no wear.
9/8/2013 02:00	9/8/2013 02:30	0.5	INT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service top drive, blocks, drawworks, TM-80, drlg chain, 3 holed brakes.
9/8/2013 02:30	9/8/2013 04:00	1.5	INT-CASE	RUN INTERMEDIATE CASE	CASE	Hold PJSM and rig up Express casing equipment and interal crt, bails, elevators, spiders and plate,
9/8/2013 04:00	9/8/2013 05:00	1	INT-CASE	RUN INTERMEDIATE CASE	CASE	P/U & M/U 9 5/8 float shoe 43.5 # LTC, and one jt of 9 5/8 43.5 #, LTC, torque to 8130
9/8/2013 05:00	9/8/2013 06:00	1	INT-CASE	RUN INTERMEDIATE CASE	CASE	Rig up hydraulic tongs, due to out of level for use of CRT making up casing.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 15 Daily Operation: 9/8/2013 06:00 - 9/9/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 16	Days on Location (days) 14	End Depth (ftGRD) 7,958.0	End Depth (TVD) (ftGRD) 7,956.5	Dens Last Mud (lb/gal) 8.80	Rig NABORS DRILLING, M58	

Operations Summary

Test shoe track, OK. Run a total of 172 jts of 9 5/8", 40# & 43.5# L80 LTC (55 jts of wrapped csg) to 7,946' (CBU at: 4,000', 5,000', 6,000') Full returns. R/D csg equipment. R/U cementers. Circ 1.5 times csg volume. At report time loading plugs in cement head and preparing to perform cement job.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 13.89 days since rig accepted, 13.46 days since Spud.

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 7913' showed 33.24' South and 41.40' East
53.9' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/8/2013 06:00	9/8/2013 15:00	9	INT-CASE	RUN INTERMEDIATE CASE	CASE	Tested shoe track and running 9 5/8 casing. To 4006' circulate bottoms up. Not running casing full speed due to waiting on cement lab test.
9/8/2013 15:00	9/8/2013 23:15	8.25	INT-CASE	RUN INTERMEDIATE CASE	CASE	Continue running 9 5/8 casing to 7,946'. Run a total of 172 jts of 9 5/8", 40# & 43.5# L80 LTC (55 jts of wrapped csg) to 7,946'. Circulated BU @: 5,000'; 6,000'. Land csg on bottom w/ 7' stick up.
9/8/2013 23:15	9/8/2013 23:30	0.25	INT-CASE	RUN INTERMEDIATE CASE	CASE	R/D casing equipment.
9/8/2013 23:30	9/9/2013 00:30	1	INT-CASE	RUN INTERMEDIATE CASE	CASE	Shut down operations. While in the process of rigging down casing equipment tools, the winch line on the driller side was tangled up over the back wind on the top drive. To counterbalance the winch line, a tong head was used. The tong head was hook up thru the plastic handle and the winch line. The plastic handle broke off and the tong head fall down hitting a casing crew hand on the left lower part on his back. The casing crew hand never lost consciousness. After a short period of time, 20 minutes, he got up without help, walked thru the driller console. PNR representative spoke with the injured person, The injured patient, left the rig floor by himself and two escorts, one in front, one in back down the stairs. The injured patient denied go to the hospital.
9/9/2013 00:30	9/9/2013 01:45	1.25	INT-CMT	CEMENT INTERMEDIATE CSG	CMT	Finished R/D casing equipment. R/U elevators, spider.
9/9/2013 01:45	9/9/2013 02:45	1	INT-CMT	CEMENT INTERMEDIATE CSG	CMT	Held PJSM and R/U Schlumberger Cmt Head, steel lines, swedge, lines to truck.
9/9/2013 02:45	9/9/2013 05:00	2.25	INT-CMT	CEMENT INTERMEDIATE CSG	CMT	Circulated 1.5 casing volume (900 bbls, 9,000 stokes) at 70 spm, 293 gpm, 208 psi. Full returns at all times.
9/9/2013 05:00	9/9/2013 06:00	1	INT-CMT	CEMENT INTERMEDIATE CSG	CMT	Held PJSM with: Nabors, Schlumberger, PNR. Loaded two bump plugs with tattle tale on cement head. PNR representative witness. Preparing to perform intermediate cement job.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 16 Daily Operation: 9/9/2013 06:00 - 9/10/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR		AFE Number 027784
Days From Spud (days) 17	Days on Location (days) 14	End Depth (ftGRD) 7,958.0	End Depth (TVD) (ftGRD) 7,956.5	Dens Last Mud (lb/gal) 8.80	Rig NABORS DRILLING, M58	

Operations Summary

Test lines to 3500 psi. Circulate and drop bottom plug and cement 9 5/8 casing w/ 45 bbls of mud push 9.5 lbs/bbl 622 bbls of lead cement @ 11.0 ppg and 47 bbls of tail cement @16.4 bbls. Dropped top plug and displaced with 589 bbls water bump plug w/ 500 over pumping rate, lift pressures at 420 bbls, 643 psi @ 7 BPM, 500 bbls =917 PSI @7 bpm, 550 bbls, = 966 psi @ 4 bpm, 580 bbls= 1195 psi @1.8 BPM, 590.5 bbls @ 1200 psi. Bump pressure 1700 psi 500 psi over. Held 5 minutes, bled back 3.5 bbls, floats held. Cement in place at 1030 hrs. R/D cementers from floor. Set pack off and tested to 5k psi and verified by PNR Rep. Raise stack and install cap on on 9 5/8" head. Prep rig for walk.

Remarks

Nabors M-58 Well (University 2-6 # 2H). Progress: 13.89 days since rig accepted, 13.46 days since Spud.
Rig released from (University 2-6 # 2H) @ 15:30 9/9/13 14.265 Days

Rig NPT: 0.50 hours for previous 24 hours. 0.50 hours for month of September.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 0% | Lateral: 0%

Rig accepted @ 09:00 hrs on 8/24/2013. Spud @ 17:00 hrs on 8/24/2013.

Last survey results @ 7913' showed 33.24' South and 41.40' East
53.9' away from line.

**** Intermediate SPUD Date: 8-30-2013 @ 05:30 **

Float Shoe: 7967.50'

Shoe Track: 93.6

Float Collar: 7872.64'

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
9/9/2013 06:00	9/9/2013 11:00	5	INT-CMT	CEMENT INTERMEDIATE CSG	CMT	Test lines to 3500 psi. Circulate and drop bottom plug and cement 9 5/8 casing w/ 45 bbls of mud push 9.5 lbs/bbl 622 bbls of lead cement @ 11.0 ppg and 47 bbls of tail cement @16.4 bbls. Dropped top plug and displaced with 589 bbls water bump plug w/ 500 over pumping rate, lift pressures at 420 bbls, 643 psi @ 7 BPM, 500 bbls =917 PSI @7 bpm, 550 bbls, = 966 psi @ 4 bpm, 580 bbls= 1195 psi @1.8 BPM, 590.5 bbls @ 1200 psi. Bump pressure 1700 psi 500 psi over. Held 5 minutes, bled back 3.5 bbls, floats held. Cement in place at 1030 hrs.
9/9/2013 11:00	9/9/2013 11:30	0.5	PLAN	DRLG	CMTPRI	Rig down Schlumberger cementing equipment from rig floor and remove same.
9/9/2013 11:30	9/9/2013 13:00	1.5	PLAN	EQUIP	WLHEAD	Back out landing joint and make up pack off, set same and verified, it was set, locked in place. Remove landing joint with running tool. Pressured to 5,000 psi, held 5 min and witnessed by PNR rep.
9/9/2013 13:00	9/9/2013 15:30	2.5	PROD1	SHARE	BOPS	Remove flow line, fill up line and mouse hole. Latched wrangler onto BOP's and unbolt stack from well head. Raise BOP's and install dry tree flange. Final Report Rig released @ 15:30 hrs

Report #: 17 Daily Operation: 10/21/2013 06:00 - 10/22/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR		AFE Number 027784
Days From Spud (days) 59	Days on Location (days) 15	End Depth (ftGRD) 7,958.0	End Depth (TVD) (ftGRD) 7,956.5	Dens Last Mud (lb/gal) 9.70	Rig NABORS DRILLING, M58	

Operations Summary

RD and Prep Rig. Walk 30' F/ 2-6 1H T/ 2-6 2H. NU BOP stack, flowline, and Vibrating lines. Test BOPE according to TRRC regulations, 2500/high and 250/low. Test Csg to 2500psi held for 30 mins. All Test good and charted same.

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13
Rig accepted @ 21:00 hrs on 10/21/2013.

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 0% | Lateral: 0%

Rig accepted @ 19:00 hrs on 10/21/2013.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/21/2013 06:00	10/21/2013 09:00	3	MOBILIZATION	RDMO	RDMO	Preping Rig for Walk F/ 2-6 1H T/ 2-6 2H.
10/21/2013 09:00	10/21/2013 10:30	1.5	MOBILIZATION	RDMO	RDMO	Remove casing bales, elevators, & Flush mount slips from rig floor
10/21/2013 10:30	10/21/2013 15:00	4.5	MOBILIZATION	MIRU	MIRU	Walk rig 30' F/ 1H T/ 2H. Hook up extension, UBH house and setting rig over center of hole.
10/21/2013 15:00	10/21/2013 18:00	3	MOBILIZATION	MIRU	MIRU	Install Flow line and Vibrating lines. Hook up Hydraulic lines on koomy skid. Third party CHanging out seals on TD.
10/21/2013 18:00	10/22/2013 00:00	6	PROD-NU/TEST	NIPPLE UP/TEST	NU/TEST	NU BOP - Stab stack, Tighten turnbuckles, and install flow line in Bell nipple and tighten unions. PU and install mousehole. Torque stack on WH and RU Testing Equipment.
10/22/2013 00:00	10/22/2013 06:00	6	PROD-NU/TEST	NIPPLE UP/TEST	NU/TEST	Test BOPE - pipe rams, blind rams, annular, inside/outside kill lines, choke manifold, manual/hydraulic HCR, 4" pump, 4" stand pipe, manual/hydraulic TIW, floor TIW/IBOP, 250# low, 2500# high. Testing Csg to 1000psi.

Report #: 18 Daily Operation: 10/22/2013 06:00 - 10/23/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 60	Days on Location (days) 16	End Depth (ftGRD) 8,203.0	End Depth (TVD) (ftGRD) 8,199.9	Dens Last Mud (lb/gal) 9.70	Rig NABORS DRILLING, M58	

Operations Summary

Finish testing BOP's. Test Csg to 2500 psi for 30 mins, charted same. RD Testing Equipment. Install wear bushing. Held pre-job meeting. PU/MU Curve and Lateral BHA. TIH on DP, tagged cement @ 7857'. Drill shoe track, and 10' of new formation T/ 7990'. Perform FIT w/ 9.6ppg MW to 11.5 EMW (788psi), pressure bled off to 660psi = 11.2 ppg EMW. Rotary Drill F/ 7990' T/ 8043'. Kickoff and Slide Dirll Curve section F/ 8043' T/ 8225'.

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13
Rig accepted @ 21:00 hrs on 10/21/2013.
Production section F/ rig acceptance: 1.375 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 19% | Lateral: 0%

@ 8137' - 7ft ahead and .5' Left of Directional line.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/22/2013 06:00	10/22/2013 07:30	1.5	PROD-NU/TEST	NIPPLE UP/TEST	NU/TEST	Finished testing casing 250 low, 2500 high 30 mins good test
10/22/2013 07:30	10/22/2013 08:00	0.5	PROD-NU/TEST	NIPPLE UP/TEST	NU/TEST	Rig down testers and load out tools
10/22/2013 08:00	10/22/2013 08:30	0.5	PILOT-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig preformed drops on top drive , greased top drive ,blocks, top drawworks couplings, Checked and three hole brakes & prepare floor for BHA
10/22/2013 08:30	10/22/2013 09:00	0.5	PROD-TRIP	TRIP	TRIP	Installed wear bushing and tighten screw's.
10/22/2013 09:00	10/22/2013 09:30	0.5	PLAN	PERS	SFTY	Hold pre job safety meeting i on picking up BHA
10/22/2013 09:30	10/22/2013 11:30	2	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Picking up BHA and slick Monel , motor, BHA., p/u ubho,and installed MWD tool ,mwd tool & tested good, scribed tools tested motor all tested good
10/22/2013 11:30	10/22/2013 16:00	4.5	PROD-TRIP	TRIP	TRIP	Trip in hole with motor and bit. Strapping pipe back to bottom.
10/22/2013 16:00	10/22/2013 16:30	0.5	PROD-CMT	CEMENT PRODUCTION CASTING	CMT	Clean floor of oil base mud.
10/22/2013 16:30	10/22/2013 17:00	0.5	PROD-TRIP	TRIP	TRIP	Fisined TIH, tagged cement @ 7857'. Hole displacing properly.
10/22/2013 17:00	10/22/2013 19:45	2.75	PROD-CMT		DRLCMT	Drill out shoe track. Cement, float collar, and shoe, F/ 7857' T/ 7974'. Drill out rathole to 7980' and 10" of new formation T/ 7990'. Displace water w/ 9.6 ppg OBM on the fly while drilling Shoe Track.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/22/2013 19:45	10/22/2013 20:45	1	COMPL	Formation Injection Test	FIT	Perform FIT: Pressured up to 788psi w/ 9.6 ppg OBM. Pressure bled off to 660psi after 30mins and held steady for 30mins.11.2 ppg EMW.
10/22/2013 20:45	10/22/2013 22:30	1.75	PROD-DRILL VERTICAL	DRILL PROD VERTICAL-ROTATE	DRL-ROT	Rotary drill 53', 30.2 fph, 378 gpm, 50/156 rpm, 250 Diff 15 WOB.
10/22/2013 22:30	10/23/2013 06:00	7.5	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Kickoff @ 8043', Slide drill 182', 26 fph, 600 gpm, 200 diff, 15k WOB, HS Taking surveys every 30 ft.

Report #: 19 Daily Operation: 10/23/2013 06:00 - 10/24/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 61	Days on Location (days) 17	End Depth (ftGRD) 9,174.0	End Depth (TVD) (ftGRD) 8,626.3	Dens Last Mud (lb/gal) 9.70	Rig NABORS DRILLING, M58	

Operations Summary

Slide and Rotate Drill Curve Section F/ 8225' T/ 9006' (Landed Curve). Rotate Drill Lateral Section F/ 9006' T/ 9196'.

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13
Rig accepted @ 21:00 hrs on 10/21/2013.
Production section F/ rig acceptance: 2.375 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: .02%

Landed Curve @ 9006'

@ 9069' - 2.4ft Low and , 3.4' Left of Directional line.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/23/2013 06:00	10/23/2013 10:00	4	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide drill (148'ft=37' fph)wob-12, rpm-156, diff-165, gpm-600, tool face HS
10/23/2013 10:00	10/23/2013 10:15	0.25	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (5' ft= 20 fph) wob-15, rpm-50/156, diff-225, gpm-600,
10/23/2013 10:15	10/23/2013 10:45	0.5	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (27' ft-54 'fph) wob-12, rpm-156, gpm-600, diff-165, tool face HS-20 Right
10/23/2013 10:45	10/23/2013 11:00	0.25	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (5'ft-20' fph) wob-15, rpm -50/156, gpm-600, diff-250,
10/23/2013 11:00	10/23/2013 16:45	5.75	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (185'= 32'fph) wob-12, rpm-156, gpm-600, diff-145, tool face HS
10/23/2013 16:45	10/23/2013 17:15	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Changeout oiler pump on drawworks.
10/23/2013 17:15	10/23/2013 18:00	0.75	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (31'= 41'fph) wob-12, rpm-156, gpm-600, diff-145, tool face HS
10/23/2013 18:00	10/23/2013 18:45	0.75	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (32'= 43'fph) wob-15, rpm-156, gpm-600, diff-240, tool face HS
10/23/2013 18:45	10/23/2013 19:00	0.25	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (6' =24 ') wob-19, rpm-50/156, gpm-600, diff-300, torq-6200
10/23/2013 19:00	10/23/2013 20:00	1	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (25'-25'fph) wob-15, mmrpm-156, gpm-600, diff-250, toolface, HS
10/23/2013 20:00	10/23/2013 20:10	0.16 7	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (9'=53.8 fph) wob-19, rpm-50/168, gpm-601, diff-350 torq-7400

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/23/2013 20:10	10/23/2013 20:45	0.58 3	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide 23'- 30.6 fph) wob-15, mmrpm-168, gpm-601, diff-250
10/23/2013 20:45	10/23/2013 20:55	0.16 7	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (7' -41.9 fph) wob-19, rpm-50/168 gpm-601, diff-250, trq-7200
10/23/2013 20:55	10/23/2013 21:45	0.83 3	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (25'- 30.0' fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS
10/23/2013 21:45	10/23/2013 21:55	0.16 7	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (8' ft- 47.9' fph) wob-19, rpm-50/168, gpm-601,, diff-350 trq-7000
10/23/2013 21:55	10/23/2013 22:30	0.58 3	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	slide (23'- 39.4 fph) wob-15, mmrpm-168, gpm- 601, diff-250 tool face - HS
10/23/2013 22:30	10/23/2013 23:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig top drive, blocks, drawworks, drg chain tm-80, 3 holed brakes
10/23/2013 23:00	10/24/2013 00:00	1	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (32'- 32' fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS
10/24/2013 00:00	10/24/2013 00:15	0.25	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (15'- 60' fph) wob-20, rpm-186/50, gpm-601, diff-400, torque- 6900
10/24/2013 00:15	10/24/2013 00:45	0.5	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (17'- 34' fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face-HS
10/24/2013 00:45	10/24/2013 00:55	0.16 7	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (5'- 29.9) wob-15, rpm-50/168, gpm-601, diff-425 torque-8000
10/24/2013 00:55	10/24/2013 01:45	0.83 3	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (26' -31.2' fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS
10/24/2013 01:45	10/24/2013 02:00	0.25	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (15'-60' fph) wob-20, rpm-50/168, gpm- 601, diff-250 torque-8000
10/24/2013 02:00	10/24/2013 02:15	0.25	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide(17'- 68'- fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS
10/24/2013 02:15	10/24/2013 02:19	0.08 3	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (4' -5.3' fph) wob-18, gpm-601, diff-350, TRQ-7500
10/24/2013 02:19	10/24/2013 03:00	0.66 7	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (28'-41.9' fph) wob-15, mmrpm-168, gpm-601, diff-250, tool face-HS
10/24/2013 03:00	10/24/2013 03:10	0.16 7	INT-DRILL-CURVE	DRILL INT CURVE-ROTATE	DRL-ROT	Rotate (5'-29.4' fph) wob-15, rpm-50/168, gpm-601, diff-400, trq-7200
10/24/2013 03:10	10/24/2013 04:00	0.83 3	PROD-DRILL CURVE	DRILL CURVE-SLIDE	DRL CURVE-SLIDE	Slide (26'= 31.2' fph) wob-15, mmrpm-168, gpm-601, diff-250, Tool face-HS
10/24/2013 04:00	10/24/2013 04:30	0.5	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (32- 64' fph) wob-23, rpm-50, gpm-601, diff- 450, trq-8800, Landed curve @9006
10/24/2013 04:30	10/24/2013 06:00	1.5	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (190'- 126.6' fph) wob-25, rpm-110/168, gpm-601, diff-500, trq-7800

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 20 Daily Operation: 10/24/2013 06:00 - 10/25/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR			AFE Number 027784				
Days From Spud (days)	62	Days on Location (days)	18	End Depth (ftGRD)	9,932.0	End Depth (TVD) (ftGRD)	8,628.6	Dens Last Mud (lb/gal)	9.40	Rig	NABORS DRILLING, M58

Operations Summary

Rotating and sliding in lateral section F/9196 - T/9954

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 2.375 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: .9%

Landed Curve @ 9006'

@ 9876' - 13.8' high / 5.8' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/24/2013 06:00	10/24/2013 09:30	3.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (164'- 46.8'fph) wob-25, rpm-110/168, gpm-601,diff-400, trq-9600
10/24/2013 09:30	10/24/2013 11:45	2.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (89'- 39.5) wob-25, gpm-500, rpm-110.diff-350 trq-9600
10/24/2013 11:45	10/24/2013 12:15	0.5	UNPLANNED	Rig Repair (NON-CODE 8,Replacing Pump Expendables)	U_RIG_OTR	Change / Replace pump expendables change out valve and seat on #1 MP open side 3rd rod
10/24/2013 12:15	10/24/2013 13:45	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (20' -13.3'fph) wob-22, mmrpm-140, gpm-500, diff-250 tool face-- HS slowed gpm down due to slow rop an try an bring rop back up
10/24/2013 13:45	10/24/2013 15:30	1.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (75'-42.8 fph) wob-22, rpm-80/140, gpm-500, diff-400, trq-9500 bringing every thing back to max
10/24/2013 15:30	10/24/2013 16:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig performed drops on top drive, greased blocks, top drive, and drawworks, checked and 3 holed brakes
10/24/2013 16:00	10/24/2013 17:00	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (10'- 10' fph) wob-25, mmrpm-125, gpm-500, diff-600, tool face -180
10/24/2013 17:00	10/24/2013 18:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (53'-53' fph) wob-25, rpm-110/168, gpm-600, diff-450, torq-9400 mud wt. 9.4 vis-47 out 9.4, vis 46
10/24/2013 18:00	10/24/2013 19:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (41'- 41' fph) wob-26, rpm-110/1169, gpm-605, diff-400, trq-7900
10/24/2013 19:00	10/24/2013 20:00	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (15'- 15' fph) @ 180, Wob-20, mmrpm-169, gpm-605, diff -180,
10/24/2013 20:00	10/24/2013 20:30	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (10 - 20 fph) Wob-25, rpm-110, gpm-605, torque-7600, diff-250
10/24/2013 20:30	10/24/2013 21:15	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (10' - 13 fph) @ 180, Wob-20, gpm-605, rpm-110, mmrpm -168, diff-190
10/24/2013 21:15	10/24/2013 22:15	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (60' - 60 fph) Wob-25, gpm-605, rpm-110, mmrpm-169, torque-7200, diff-250
10/24/2013 22:15	10/24/2013 23:45	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (20' - 13 fph) @ 180, Wob-19, gpm-605, mmrpm-168, diff-200
10/24/2013 23:45	10/25/2013 00:15	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (10' - 20 fph) Wob- 27, gpm-605, rpm-110, mmrpm-169, torque-7700, diff-275
10/25/2013 00:15	10/25/2013 00:45	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (10' - 20 fph) @ 180, Wob-17, gpm-605, mmrpm-168, diff-200
10/25/2013 00:45	10/25/2013 03:30	2.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (77' - 28 fph) Wob-28, gpm-605, rpm-110, mmrpm-168, torque-8500, diff-350
10/25/2013 03:30	10/25/2013 03:45	0.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (7' - 28 fph) @ high side, Wob-20, gpm-605, mmrpm-168, diff-150
10/25/2013 03:45	10/25/2013 06:00	2.25	PROD-DRILL TANGENT	DRILL PROD TANGENT-ROTATE	DRL-ROT	Rotate (87' - 38 fph) Wob-30, gpm-605, rpm-110, mmrpm-168, torque-8400, diff-350

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 21 Daily Operation: 10/25/2013 06:00 - 10/26/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 63	Days on Location (days) 19	End Depth (ftGRD) 10,216.0	End Depth (TVD) (ftGRD) 8,628.0	Dens Last Mud (lb/gal) 9.40	Rig NABORS DRILLING, M58	

Operations Summary

Rotated and slide drilled to 10205', Decreased ROP, POOH for new bit, on bottom drilling, rotated to 10238'

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 2.375 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 12%

Landed Curve @ 9006'

@ 9876' - 13.8' high / 5.8' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/25/2013 06:00	10/25/2013 08:00	2	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (66'= 33' fph) wob-25, rpm-100/168, gpm-600, diff-350, trq.-8400
10/25/2013 08:00	10/25/2013 08:30	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (15'= 30' fph) wob-15, rpm-80/134, gpm-480, diff-350, trq-8600
10/25/2013 08:30	10/25/2013 10:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (100' + 100'fph) wob-30, rpm 100 gpm-100, diff-350,
10/25/2013 10:00	10/25/2013 13:00	3	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (170'=56.6' fph) wob-28, rpm-110/168, gpm-600, diff-425, trq-8500 and pump sweep around
10/25/2013 13:00	10/25/2013 14:00	1	PROD-CIRC	CIRCULATE	CIRC	Circulate and cond hole while getting bottoms up
10/25/2013 14:00	10/25/2013 15:00	1	PROD-TRIP	TRIP	TRIP	Hole static & Pump slug
10/25/2013 15:00	10/25/2013 18:00	3	PROD-TRIP	TRIP	TRIP	Pull out of hole Due to slow rop f/10205 T/ BHA lateral slick with no problems
10/25/2013 18:00	10/25/2013 19:45	1.75	PROD-TRIP	TRIP	TRIP	Lay down BHA, drain motor, motor did not drain, break bit, pull MWD tool, and change mule shoe, L/D motor, pick up new motor
10/25/2013 19:45	10/25/2013 20:15	0.5	PROD-TRIP	TRIP	TRIP	Remove, inspect wear bushing, no wear, reinstall
10/25/2013 20:15	10/25/2013 21:00	0.75	PROD-TRIP	TRIP	TRIP	Service top drive, blocks, drawworks, brakes, TM-80
10/25/2013 21:00	10/25/2013 22:30	1.5	PROD-TRIP	TRIP	TRIP	Pick up BHA, Scribe test, install MWD tool and mule shoe, make up bit
10/25/2013 22:30	10/26/2013 02:30	4	PROD-TRIP	TRIP	TRIP	Trip in hole 84 Stds DP, filling every 20 Stds @ 8122'
10/26/2013 02:30	10/26/2013 03:15	0.75	PROD-CIRC	CIRCULATE	CIRC	Circulate bottoms up @ 8122'
10/26/2013 03:15	10/26/2013 04:00	0.75	PROD-TRIP	TRIP	TRIP	Trip in hole 16 Stds DP @ 9545'
10/26/2013 04:00	10/26/2013 05:00	1	PROD-W&R	WASH & REAM	WASH_R EAM	Reaming and washing F/9545 - T/10205
10/26/2013 05:00	10/26/2013 06:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate drill F/10205 - T/10238, (33' - 33 fph) Wob-20, gpm-605, rpm-110, mmrpm-169, torque-8900, diff-400

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 22 Daily Operation: 10/26/2013 06:00 - 10/27/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR		AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
64	20	11,280.0	8,642.4	9.40	NABORS DRILLING, M58	

Operations Summary

Slide and rotated F/10205 - T/11302, rapid ROP decrease, POOH for new bit

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 7 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 23%

Landed Curve @ 9006'

@ 11103' - 14' high / 1' right to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/26/2013 06:00	10/26/2013 06:30	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (17'=34'fph) wob-18, mmrpm-169, gpm-605, diff-250, tool face -180 trip gas 763 units
10/26/2013 06:30	10/26/2013 07:30	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (66'= 66' fph) wob-21, rpm-110/169, gpm-605, diff-350, trq-6500
10/26/2013 07:30	10/26/2013 08:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (20'= 40' fph) wob-15, mmrpm-169 gpm-605, diff-225, tool face-180
10/26/2013 08:00	10/26/2013 08:30	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (74'- 148' fph) wob-22, rpm-110/169, gpm-605, diff-420, trq-14.8
10/26/2013 08:30	10/26/2013 09:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (20'- 40' fph) wob-18, rpm-169, gpm-605, diff-285, tool face-180
10/26/2013 09:00	10/26/2013 09:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (70'- 52.5' fph) wob,22, rpm-110, gpm-605, diff-425, diff -285
10/26/2013 09:45	10/26/2013 11:15	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (30'- 20' fph) mmrpm -169, gpm-605, diff-275, tool face-180
10/26/2013 11:15	10/26/2013 12:30	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (165,=132'fph) wob-25, rpm-110/169, gpm-605, diff-500, trq-10464
10/26/2013 12:30	10/26/2013 13:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (10'-20'fph 0 wob-18, mmrpm-169, diff-175, tool face-HS
10/26/2013 13:00	10/26/2013 14:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (170'=113.3' fph) wob-25, rpm-110/169, gpm-605, diff-500,
10/26/2013 14:30	10/26/2013 15:30	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (30'-- 30'fph) wob- 23, mmrpm-169, gpm 605, diff-125, tool face 180
10/26/2013 15:30	10/26/2013 16:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (65'=130'fph) wob-25, rpm-110/168, gpm-605, diff-400, trq 10570, mud wt 9.4 vis 48 in out 0.4 with 48 vis
10/26/2013 16:00	10/26/2013 17:00	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (30'= 30' fph) wob-23, mmrpm-168, gpm-605, diff-225, tool face -180
10/26/2013 17:00	10/26/2013 18:00	1	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotate (150'- 150' fph) wob-25, rpm-110/169, gpm-605, diff-450, trq-9500
10/26/2013 18:00	10/26/2013 18:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate drill (30- 40 fph) Wob-28, gpm-605, rpm-110, mmrpm-169, torque-9300, diff-420
10/26/2013 18:45	10/26/2013 19:30	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill (15 - 20 fph) @ 180, Wob-20, gpm-605, mmrpm-169, diff-230,
10/26/2013 19:30	10/26/2013 22:00	2.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate drill (102 - 41 fph) Wob-30, gpm-605, rpm-80, mmrpm-169, torque-7600, diff-250
10/26/2013 22:00	10/26/2013 23:30	1.5	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition for trip out of hole, possible bit failure, hole static, pump slug
10/26/2013 23:30	10/27/2013 05:00	5.5	PROD-TRIP	TRIP	TRIP	Tripping out of hole, strapping out, 119 stands, bit depth-2200 ft, lateral hole section, slick, no problems.
10/27/2013 05:00	10/27/2013 06:00	1	PROD-TRIP	TRIP	TRIP	Lay down BHA, drain motor, break bit, Lay down MWD tool

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 23 Daily Operation: 10/27/2013 06:00 - 10/28/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
65	21	11,840.0	8,659.5	9.40	NABORS DRILLING, M58		

Operations Summary

Trip in hole with new bit @ 11302', Rotate & Slide F/11,302' T 11862'

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 8 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 30%

Landed Curve @ 9006'

@ 11765' - 10.5' high / 3.3' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/27/2013 06:00	10/27/2013 07:00	1	PROD-TRIP	TRIP	TRIP	Pulled wear bushing and inspect NO WEAR & installed
10/27/2013 07:00	10/27/2013 07:30	0.5	PLAN	DRLG	CUTDL	Cleaned floor of oil base mud to cut drill line
10/27/2013 07:30	10/27/2013 09:30	2	PLAN	DRLG	CUTDL	Cut drill line 120 feet of drill line 18 wraps
10/27/2013 09:30	10/27/2013 10:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig performed drops on top drive greased crown, top drive, blocks, & greased drawworks couplings
10/27/2013 10:00	10/27/2013 12:45	2.75	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	P/U BHA & make bit ,motor ,scribe and test test good
10/27/2013 12:45	10/27/2013 17:30	4.75	PROD-TRIP	TRIP	TRIP	Tripping in hole with new bit, motor and MWD and drill pipe Filling pipe every 30 stds Depth @ report 4458'
10/27/2013 17:30	10/27/2013 18:00	0.5	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition mud, pump bottoms up below intermediate casing shoe @ 8050'
10/27/2013 18:00	10/27/2013 20:15	2.25	PROD-TRIP	TRIP	TRIP	Trip in hole F/8050 - T/11302
10/27/2013 20:15	10/28/2013 00:30	4.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/11302 - T/11648, (346' - 81 fph) Wob-18, gpm-504, rpm-80, mmrpm-141, torque-9200, diff-350
10/28/2013 00:30	10/28/2013 01:15	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/11648 - T/11658 (10' - 13' fph) 70 R, Wob-15, gpm-504, mmrpm-140, diff-150
10/28/2013 01:15	10/28/2013 01:30	0.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	rotate F/11658' - 11668' (10' - 40' fph) Wob-20, gpm-504, rpm-80, mmrpm-140, torque-10000, diff-350
10/28/2013 01:30	10/28/2013 01:45	0.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	slide F/11668' - T/11673' (5' - 20 fph) Wob-20, rpm-70, mmrpm-140, diff-150
10/28/2013 01:45	10/28/2013 02:45	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/11673 - 11721 (48' - 48' fph) Wob-20, gpm-504, rpm-80, mmrpm-140, torque-9600, diff-350
10/28/2013 02:45	10/28/2013 03:15	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and top drive,
10/28/2013 03:15	10/28/2013 04:30	1.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/11721 - T/11741 @ 45 right, (20 - 16 fph) @ 45 R, Wob-15, gpm-504, mmrpm-140, diff-200
10/28/2013 04:30	10/28/2013 05:30	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/11741 - T/11847 (106 - 106 fph) Wob-20, gpm-504, rpm-80, mmrpm-140, torque-9800, diff-350
10/28/2013 05:30	10/28/2013 06:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/11847 - T/11862 (15 -30 fph) @ HS, Wob-10, gpm-504, mmrpm-140, diff-170

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 24 Daily Operation: 10/28/2013 06:00 - 10/29/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 66	Days on Location (days) 22	End Depth (ftGRD) 13,148.0	End Depth (TVD) (ftGRD) 8,645.1	Dens Last Mud (lb/gal) 9.40	Rig NABORS DRILLING, M58	

Operations Summary

Rotate and slide drill F/11862' --T/13170'

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 9 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 43%

Landed Curve @ 9006'

@ 13088' - 8.4' high / 9.5' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/28/2013 06:00	10/28/2013 06:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (5' - 6.9 fph) wob-12,mmrpm-141, gpm-504, diff-145 tool face-180
10/28/2013 06:45	10/28/2013 11:00	4.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (353' - 83.0' fph) wob-25, rpm-80/140, gpm-504, diff-325, trq-9505, When running high rop an diff bit is building 2 /3 deg's per 100 ft . Lower the diff pressure to minimize building and dropping of the bit. When running the low diff we can rotate more
10/28/2013 11:00	10/28/2013 11:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (13' - 26' fph, gpm-504, diff-200, tool face- 180
10/28/2013 11:45	10/28/2013 18:30	6.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (537' - 79.5' fph) wob-25, rpm-80/141, gpm-504, diff-600, trq12500 mud wt. 9.4 vis 48 in out 9.4 vis48
10/28/2013 18:30	10/28/2013 20:15	1.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/12770 - T/12785 (15 - 20 fph) @ 180, Wob-9, gpm-504, mmrpm-140, diff-150
10/28/2013 20:15	10/28/2013 21:30	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/12785 - 12865 (80 - 64 fph) Wob-28, gpm-504, rpm-80, mmrpm-140, torque-13000, diff-530
10/28/2013 21:30	10/28/2013 23:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/12865 - T/12880 (15 - 12 fph) @ 180, Wob-32, gpm-504, mmrpm-140, diff-150
10/28/2013 23:00	10/29/2013 01:00	2	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/12880 - T/12981 (101 - 50.5 fph) Wob-22, gpm-504, rpm-80, mmrpm-140, torque-11700, diff-375
10/29/2013 01:00	10/29/2013 01:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/12981 - T/12988 (7 - 9 fph) @ 180, Wob-9, gpm-504, rpm-140, diff-150
10/29/2013 01:45	10/29/2013 02:45	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/12988 - T/13044 (56 - 56 fph) Wob-19, gpm-504, rpm-80, mmrpm-140, diff-400, torque-12500
10/29/2013 02:45	10/29/2013 03:15	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and top drive
10/29/2013 03:15	10/29/2013 06:00	2.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13044 - T/13170 (126 - 45 fph) Wob-27, gpm-504, rpm-80, mmrpm-140, torque-12500, diff-400

Report #: 25 Daily Operation: 10/29/2013 06:00 - 10/30/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 67	Days on Location (days) 23	End Depth (ftGRD) 13,831.0	End Depth (TVD) (ftGRD) 8,670.0	Dens Last Mud (lb/gal) 9.50	Rig NABORS DRILLING, M58	

Operations Summary

Rotated and slide drilled F/13170' - T/13853'

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 10 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 50%

Landed Curve @ 9006'

@ 13750' - 7.8' low / 6.7' left to plan #2

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/29/2013 06:00	10/29/2013 07:15	1.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (11'-8.8' fph) wob-28, mmrpm-141, gpm-504, diff-325, tool face-180
10/29/2013 07:15	10/29/2013 08:45	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (72'- 48' fph)wob-23, rpm-80/141, gpm-504, diff-350 torque- 12/15 K,
10/29/2013 08:45	10/29/2013 11:30	2.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (15'-1.8'fph) wob-22, mmrpm-141, gpm-504, diff-275, tool face -180, having hard time sliding, high torque sweeping hole with weighted sweeps w/low and high mixed w/tiger bullets , nut plug and mica
10/29/2013 11:30	10/29/2013 12:45	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (75'-60' fph) wob-25 rpm-80/141, gpm-504, diff-550, torque- 11/14500 K
10/29/2013 12:45	10/29/2013 15:30	2.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide (30'-10.9) wob-35 ,mmrpm-141, gpm-504, diff-150, tool face-180 takes alot of weight to make slide and using the rocket system
10/29/2013 15:30	10/29/2013 16:15	0.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate (52'= 69.3'FPH) wob-20, rpm-80/141 gpm,- 504, diff-325, torque- 12/16 K
10/29/2013 16:15	10/29/2013 16:45	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig performed drops on top drive, greased blocks and checked and three hole brakes
10/29/2013 16:45	10/29/2013 18:00	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13423 - T/13485 (62 - 49.6 fph) Wob-28, gpm-504, rpm-80, diff-350
10/29/2013 18:00	10/30/2013 02:00	8	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13485 T/13853 (368 - 46 fph) Wob-28, gpm-504, rpm-80, mmrpm-140, torque-11300, diff-420
10/30/2013 02:00	10/30/2013 02:30	0.5	UNPLANNED	Rig Repair (NON-CODE 8,Replacing Pump Expendables)	U_RIG_OTR	Change/replace pump expendables, replace pod #1 swab
10/30/2013 02:30	10/30/2013 03:45	1.25	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition mud, pump Hi Vis sweep, build slug, prepare to POOH for MWD failure
10/30/2013 03:45	10/30/2013 04:15	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and top drive
10/30/2013 04:15	10/30/2013 06:00	1.75	PROD-TRIP	TRIP	TRIP	Pump slug, POOH, strapping out, 40 stds drill pipe out

Report #: 26 Daily Operation: 10/30/2013 06:00 - 10/31/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
68	24	13,937.0	8,673.3	9.50	NABORS DRILLING, M58		

Operations Summary

Rotated and slide drilled F/13853 - T/13959

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13
Rig accepted @ 21:00 hrs on 10/21/2013.
Production section F/ rig acceptance: 11 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 51%

Landed Curve @ 9006'

@ 13848' - .5' low / 7.3' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/30/2013 06:00	10/30/2013 07:00	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Tripping out of hole due to MWD failure F/10112' T/7743'
10/30/2013 07:00	10/30/2013 10:00	3	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Waiting on wire line trailer to arrive on loc.
10/30/2013 10:00	10/30/2013 15:00	5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Rig up wire line unit & went in and retrieved MWD tool , pulled out of hole & L/D old MWD 7 P/U new MWD & run in sitted in place, and pulled line out of hole

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/30/2013 15:00	10/30/2013 16:00	1	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Ran 5 stands in hole to below shoe & tried testing MWD would not test, gamma not responding, decision made to pull MWD, pulled back into shoe
10/30/2013 16:00	10/30/2013 18:00	2	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Trip back into hole with wireline to retrieve MWD tool
10/30/2013 18:00	10/30/2013 19:45	1.75	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Running in hole with wireline to set MWD tool in BHA
10/30/2013 19:45	10/30/2013 20:00	0.25	PROD-TRIP	TRIP	TRIP	Trip in hole 7 stands drill pipe
10/30/2013 20:00	10/30/2013 20:30	0.5	UNPLANNED	MWD/LWD Tool Failures including trip times (if mai	U_MWD	Orientate tool, and test, test good, MWD tool operating correctly
10/30/2013 20:30	10/30/2013 23:00	2.5	PROD-TRIP	TRIP	TRIP	Trip in hole 58 stands drill pipe
10/30/2013 23:00	10/30/2013 23:15	0.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13853 - T/13860 (7 - 28 fph) Wob-25, gpm-504, rpm-80, mmrpm-140, torque-11500, diff-550
10/30/2013 23:15	10/31/2013 01:30	2.25	PROD-CIRC	CIRCULATE	CIRC	Circulate, make clean up cycle, hole tight and packing off, pumped 2 hi vis sweeps, laydown 1 joint of drill pipe and reamed and washed tight spot F/13795 - T/13813, shakers loaded up with both sweeps, shale chunks/pieces in excess of 1.5 inches square.
10/31/2013 01:30	10/31/2013 03:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13860 - T/13910 (50 - 33 fph) Wob-28, gpm=504, rpm-80, mmrpm-140, torque-11700, diff-550
10/31/2013 03:00	10/31/2013 05:00	2	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/13910 - T/13925 (15 - 7.5 fph) @ high side, Wob-20, gpm-504, mmrpm-140, diff-150
10/31/2013 05:00	10/31/2013 06:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/13925 - T/13959 (34 - 34 fph) Wob-29, gpm-504, rpm-80, mmrpm-140, torque-13800, diff-400

Report #: 27 Daily Operation: 10/31/2013 06:00 - 11/1/2013 06:00

Job Category	Primary Job Type				AFE Number
ORIG DRILLING	ODR				027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig
69	25	14,305.0	8,666.0	9.60	NABORS DRILLING, M58

Operations Summary

Rotated and slide drilled F/13959' - T/14327', tripping for new bit

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 12 days

Rig NPT: 0 hours for previous 24 hours. 45 hours for month of October.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 55%

Landed Curve @ 9006'

@ 14227' - 7.5' low / 16' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/31/2013 06:00	10/31/2013 07:30	1.5	PROD-DRILL TANGENT	DRILL PROD TANGENT-ROTATE	DRL-ROT	Rotary drill 66', 44 fph, 80/141 rpm, 504 gpm, 415 diff, 25k WOB.
10/31/2013 07:30	10/31/2013 09:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 15', 10 fph, 141 rpm, 504 gpm, 300 diff, 26k WOB, HS.
10/31/2013 09:00	10/31/2013 10:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 44', 44 fph, 80/141 rpm, 504 gpm, 325 diff, 25k WOB.
10/31/2013 10:00	10/31/2013 11:30	1.5	UNPLANNED	Rig Repair (CODE 8, Rig Repair)	U_RIG	Rig repair. Replaced pump expendibles on pumps #1 & #2. Performed drops on top drive. Greased crown, blocks and top drive. Three holed brakes and greased drawworks. Continued to work pipe during pump down time.
10/31/2013 11:30	10/31/2013 12:15	0.75	PROD-DRILL VERTICAL	DRILL PROD VERTICAL-ROTATE	DRL-ROT	Rotary drill 25', 31.25 fph, 80/141 rpm, 504 gpm, 375 diff, 23k WOB.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
10/31/2013 12:15	10/31/2013 12:45	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 10', 20 fph, 141 rpm, 504 gpm, 85 diff, 20k WOB, HS.
10/31/2013 12:45	10/31/2013 14:30	1.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 73', 48.6 fph, 80/141 rpm, 504 gpm, 350 diff, 200 diff, 10k WOB.
10/31/2013 14:30	10/31/2013 15:15	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 10', 20 fph, 141 rpm, 504 gpm, 80 diff, 21k WOB, HS
10/31/2013 15:15	10/31/2013 17:00	1.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate drill 86' - 49 fph, Wob-24, rpm-80, gpm-504, diff-550
10/31/2013 17:00	10/31/2013 18:45	1.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 18' - 10.2 fph @ HS, Wob-30, gpm-504, diff-200, mmrpm-140
10/31/2013 18:45	10/31/2013 19:45	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate drill 13' - 13 fph Wob-28, gpm-504, rpm-90, mmrpm-140, torque-16000, diff-800
10/31/2013 19:45	10/31/2013 21:45	2	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition, pump Hi Vis sweep, shakers clean, pump slug, prepare to POOH for new bit and motor
10/31/2013 21:45	11/1/2013 02:00	4.25	PROD-TRIP	TRIP	TRIP	Trip out of hole F/14327' - T/2641' 125 stands of drill pipe, for new bit
11/1/2013 02:00	11/1/2013 04:15	2.25	PROD-TRIP	TRIP	TRIP	Laydown 81 joints drill pipe
11/1/2013 04:15	11/1/2013 05:00	0.75	PROD-TRIP	TRIP	TRIP	Laydown BHA, bit, motor, Laydown MWD tool
11/1/2013 05:00	11/1/2013 05:30	0.5	PROD-TRIP	TRIP	TRIP	Remove, inspect and reinstall wear bushing
11/1/2013 05:30	11/1/2013 06:00	0.5	PROD-TRIP	TRIP	TRIP	Service rig and topdrive

Report #: 28 Daily Operation: 11/1/2013 06:00 - 11/2/2013 06:00

Job Category ORIG DRILLING				Primary Job Type ODR		AFE Number 027784
Days From Spud (days) 70	Days on Location (days) 26	End Depth (ftGRD) 14,407.0	End Depth (TVD) (ftGRD) 8,664.0	Dens Last Mud (lb/gal) 9.80	Rig NABORS DRILLING, M58	

Operations Summary

Tripped in hole with new bit #8, drilled F/14327 - T/14429, 102 ft, pump pressure increased with less strokes, possibly plugged jet(s)

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 13 days

Rig NPT: 0 hours for previous 24 hours. 0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 56%

Landed Curve @ 9006'

@ 14321' - 6.5 below / 21' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/1/2013 06:00	11/1/2013 07:30	1.5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Cleaned and cleared rig floor. Put bit#8 on rig floor-8.5" Howco, MMD65D, dressed with (6)16's & (2) 22's. S/N 12262643. Strapped BHA and counted drill pipe laid down on trip(78 joints). Function tested blind rams.
11/1/2013 07:30	11/1/2013 09:30	2	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Picked up fresh mud motor and MWD. Scribed and oriented motor/MWD. Shallow tested motor/MWD - good test. Installed 8.5" bit.
11/1/2013 09:30	11/1/2013 11:30	2	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Ran BHA in hole on 5" drill pipe, picking up 78 joints off rack in singles. Filled drill string every 20 stands.
11/1/2013 11:30	11/1/2013 16:30	5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Continued running BHA in hole on 5" drill pipe out of derrick to 4342 feet. Filled drill string every 20 stands. Monitoring pipe displacement with trip tank. Held trip drill, function tested pipe and annular with 5" drill pipe across BOP cavities. Continued running in hole from 4342 to 10100 feet, filling drill string every 20 stands.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/1/2013 16:30	11/1/2013 19:15	2.75	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Circulate and condition mud, increased mud weight from 9.6# to 9.8# ppg.
11/1/2013 19:15	11/1/2013 21:00	1.75	PROD-TRIP	TRIP	TRIP	Trip in hole 43 stands drill pipe
11/1/2013 21:00	11/1/2013 22:15	1.25	PROD-W&R	WASH & REAM	WASH_R EAM	Reaming and washing F/14290 - T/14327, torque-16000, diff-800, packing off, working pipe through tight spots
11/1/2013 22:15	11/2/2013 00:30	2.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/14327 - T/ 14429 (102 - 45 fph) Wob-20, gpm-554, rpm-80, mmrpm-155, torque-11500, diff-400
11/2/2013 00:30	11/2/2013 01:00	0.5	UNPLANNED	Downtime related to motor failure	U_MTR	Attempting to drill, spm off bottom=132 @ 3850# Drilling @ 4200#, pump upper limit set at 4600#, stalled out and reached upper limit, pick up off bottom and put pumps back online @ 100 spm, off bottom pressure was 4150# At slower pump rates MWD not pulsing because of bit restriction.
11/2/2013 01:00	11/2/2013 02:00	1	UNPLANNED	Downtime related to motor failure	U_MTR	Pumping nut plug sweep through bit, working pipe with no pumps as per directional driller, checked pipe screen, screen clean, no decrease in pump pressure
11/2/2013 02:00	11/2/2013 02:45	0.75	UNPLANNED	Downtime related to motor failure	U_MTR	Circulate and condition for trip due to possible plugged bit jet. Transfer mud to trip tank and build slug
11/2/2013 02:45	11/2/2013 06:00	3.25	UNPLANNED	Downtime related to motor failure	U_MTR	Pumped slug, lay down 1 joint to change drill pipe breaks, POOH, monitoring fillups with trip tank

Report #: 29 Daily Operation: 11/2/2013 06:00 - 11/3/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 71	Days on Location (days) 27	End Depth (ftGRD) 14,630.0	End Depth (TVD) (ftGRD) 8,664.3	Dens Last Mud (lb/gal) 10.00	Rig NABORS DRILLING, M58	

Operations Summary

Tripped out of hole from F/14429, mud motor bearing failure with bit shoulder damage, change bit and mud motor, TIH to 14429 and drilling lateral section

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13

Rig accepted @ 21:00 hrs on 10/21/2013.

Production section F/ rig acceptance: 14 days

Rig NPT: 18.75 hours for previous 24 hours. 18.75 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 58%

Landed Curve @ 9006'

@ 14508' - 6' low / 35' left to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/2/2013 06:00	11/2/2013 11:30	5.5	UNPLANNED	Downtime related to motor failure	U_MTR	Pulled out of hole, from 7900 ft to BHA.
11/2/2013 11:30	11/2/2013 12:30	1	UNPLANNED	Downtime related to motor failure	U_MTR	Laid down bit and mud motor. Found mud motor siezed/locked up. Examined bit#8 - observed worn/chipped cutters on shoulder of bit. No plugged nozzles.
11/2/2013 12:30	11/2/2013 13:00	0.5	UNPLANNED	Downtime related to motor failure	U_MTR	Cleaned and cleared rig floor.
11/2/2013 13:00	11/2/2013 14:00	1	UNPLANNED	Downtime related to motor failure	U_MTR	Slipped and cut drill line.
11/2/2013 14:00	11/2/2013 15:00	1	UNPLANNED	Downtime related to motor failure	U_MTR	Picked up fresh mud motor -1.83 adjustable, 7/8 lobe, 5.0 stage (no stabilizers) scribed and oriented sleeve with MWD/mud motor. Make up bit.
11/2/2013 15:00	11/2/2013 18:00	3	UNPLANNED	Downtime related to motor failure	U_MTR	Trip in hole T/6000' filling every 20 stands, recording displacement in trip tank
11/2/2013 18:00	11/2/2013 19:30	1.5	UNPLANNED	Downtime related to motor failure	U_MTR	Trip in hole F/6000 - T/8122
11/2/2013 19:30	11/2/2013 21:00	1.5	UNPLANNED	Downtime related to motor failure	U_MTR	circulate and condition mud, increase mud wt. F/ 9.8# - T/10.0#
11/2/2013 21:00	11/2/2013 22:30	1.5	UNPLANNED	Downtime related to motor failure	U_MTR	Trip in hole F/8122 - T/11200, filling every 20 stands

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/2/2013 22:30	11/3/2013 00:00	1.5	UNPLANNED	Downtime related to motor failure	U_MTR	Circulate and condition mud, increasing mud wt to 10.0# - F/9.8#
11/3/2013 00:00	11/3/2013 01:15	1.25	UNPLANNED	Downtime related to motor failure	U_MTR	Trip in hole F/11200 - T/14274
11/3/2013 01:15	11/3/2013 02:00	0.75	PROD-W&R	WASH & REAM	WASH_R EAM	Wash and ream F/14274 - T/14449, no fill, no packing off, no hole problems
11/3/2013 02:00	11/3/2013 01:00	-1	UNPLANNED	Other - Anything not listed above	U_OTR	Time change, move back one hour
11/3/2013 01:00	11/3/2013 02:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/14429 - T/14478 (49 - 49 fph) Wob-17, gpm-504, rpm-80, mmrpm-140, torque-10000, diff-350
11/3/2013 02:00	11/3/2013 02:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/14478 - T/14498 (20 - 26 fph) @ 70 right, Wob-30, gpm-504, mmrpm-140, diff-100
11/3/2013 02:45	11/3/2013 03:30	0.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotate F/14498 - T/14557 (59 - 78 fph) Wob-20, gpm-504, rpm-80, mmrpm-140, torque-12300, diff-500
11/3/2013 03:30	11/3/2013 06:00	2.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide F/14557 - T/14652 (95 - 54 fph) @ 60 right, Wob-15, gpm-504, mmrpm-140, diff-150

Report #: 30 Daily Operation: 11/3/2013 06:00 - 11/4/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
72	28	15,673.0	8,658.4	10.00	NABORS DRILLING, M58		

Operations Summary

Rotary and slide drilled F/14657' - T/15695

Remarks

Rig released from (University 2-6 # 1H) @ 06:00 10/21/13
Rig accepted @ 21:00 hrs on 10/21/2013.
Production section F/ rig acceptance: 15 days

Rig NPT: 0 hours for previous 24 hours. 18.75 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 69%

Landed Curve @ 9006'

@ 15641' - 2.6' high / 4.7 right to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/3/2013 06:00	11/3/2013 07:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 60', 40 fph, 504 gpm, 141 rpm, 30 psi diff, 30k WOB, 90R.
11/3/2013 07:30	11/3/2013 08:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 35', 70 fph, 504 gpm, 80/141 rpm, 400 psi diff, 18k WOB.
11/3/2013 08:00	11/3/2013 10:15	2.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 45', 20 fph, 504 gpm, 141 rpm, 145 psi diff, 14k WOB, 60R
11/3/2013 10:15	11/3/2013 13:00	2.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 144', 52.3 fph, 504 gpm, 80/141 rpm, 450 diff, 20k WOB
11/3/2013 13:00	11/3/2013 14:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 36', 24 fph, 504 gpm, 141 rpm, 175 diff, 22k WOB, 60R.
11/3/2013 14:30	11/3/2013 15:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 59', 108 fph, 504 gpm, 80/141 rpm, 450 diff, 20k WOB,
11/3/2013 15:00	11/3/2013 17:30	2.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 46', 18.4 fph, Wob-22, gpm-504, rpm-80, mmrpm-140, diff-150
11/3/2013 17:30	11/3/2013 18:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 49', 98 fph, Wob-24, gpm-504, rpm-80, mmrpm-140, torque-13800, diff-450
11/3/2013 18:00	11/3/2013 20:30	2.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill, 188', 75.2 fph, Wob-25, gpm-504, rpm-80, mmrpm-140, torque-13700, diff-500
11/3/2013 20:30	11/3/2013 22:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill, 20', 13 fph, @ 20 right, Wob-30, gpm-504, mmrpm-140, diff-100
11/3/2013 22:00	11/4/2013 01:00	3	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill, 169' 56 fph, Wob-26, gpm-504, rpm-80, mmrpm-140, torque-13500, diff-475
11/4/2013 01:00	11/4/2013 03:00	2	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill, 20', 10 fph @ 20 right, Wob-25, gpm-504, mmrpm-140, diff-100

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/4/2013 03:00	11/4/2013 05:30	2.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 168' 67.2 fph, Wob-26, gpm-504, rpm-80, torque-14000, diff-525
11/4/2013 05:30	11/4/2013 06:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 5' 10 fph @ high side, Wob-20, gpm-504, mmrpm-140, diff-100

Report #: 31 Daily Operation: 11/4/2013 06:00 - 11/5/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 73	Days on Location (days) 29	End Depth (ftGRD) 16,234.0	End Depth (TVD) (ftGRD) 8,661.8	Dens Last Mud (lb/gal) 10.00	Rig NABORS DRILLING, M58	

Operations Summary

Rotary and slide drilled F/ 15695' - T/ 16256

Remarks

Rig accepted @ 21:00 hrs on 10/21/2013.

Rig NPT: 4 hours for previous 24 hours. 22.75 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 75%

@ 16113' - 4' high / 17.3 right to plan #2

Target zone -- B-3

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/4/2013 06:00	11/4/2013 07:00	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 20', 20 fph, 504 gpm, 141 rpm, 98 psi diff, 18k WOB, High side.
11/4/2013 07:00	11/4/2013 09:15	2.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 164', 72.8 fph, 504 gpm, 80/141 rpm, 572 psi diff, 29k WOB
11/4/2013 09:15	11/4/2013 09:45	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service. Greased TDS, blocks, drawworks, and balck jack. Changed TDS oil filter. Checked low lube "Y" screen, and adjusted brakes.
11/4/2013 09:45	11/4/2013 12:00	2.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 32', 14.2 fph, 504 gpm, 141 rpm, 50 psi diff, 20k WOB, HS.
11/4/2013 12:00	11/4/2013 13:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 62', 62 fph, 504 gpm, 80/141 rpm, 640 psi diff, 34k WOB.
11/4/2013 13:00	11/4/2013 14:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 40' 26.6 fph, 504 gpm, 141 rpm, 180 psi diff, 26k WOB, HS.
11/4/2013 14:30	11/4/2013 15:00	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 55', 110 fph, 504 gpm, 80/141 rpm, 450 psi diff, 35k WOB.
11/4/2013 15:00	11/4/2013 18:00	3	UNPLANNED	Rig Repair (CODE 8, Rig Repair)	U_RIG	Rig repair. Lube oiler on top drive failed. Pulled and racked (1) stand drill pipe in mousehole, laid single down on catwalk. Removed failed top drive lube oiler. Continued circulating and reciprocating drill string while waiting on replacement lube pump. Installed new TDS lube pump.
11/4/2013 18:00	11/4/2013 19:00	1	UNPLANNED	Rig Repair (CODE 8, Rig Repair)	U_RIG	Downtime, top drive, finish changing out lube pump, restarted to test, had pressure then lost pressure, found clogged Y screen, clean screen, retest topdrive, working, reamed one stand to bottom.
11/4/2013 19:00	11/4/2013 20:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 21' 21 fph, Wob-30, rpm-80, diff-400, high torque stalling rotary, pipe in hole 3 hours without being rotated while doing repairs to topdrive
11/4/2013 20:00	11/4/2013 22:15	2.25	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition, pump 20 bbl high vis sweep, rotary torque high due to solids stacking in lateral section, shakers loaded up on sweep return to surface, rotary torque dropped from 18000 to 10000 off bottom after sweep
11/4/2013 22:15	11/4/2013 23:45	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 15' 10 fph, @ high side, Wob-20, mmrpm, 140, diff-150, gpm-504
11/4/2013 23:45	11/5/2013 01:00	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 48' 38.4 fph, Wob-20, rpm-80, gpm-504, torque-14500, diff, 500
11/5/2013 01:00	11/5/2013 04:15	3.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 26' 7.4 fph, @ high side, Wob-30, gpm-504, diff-150, mmrpm-140, having trouble maintaining angle, wanting to drop continuously while rotating.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/5/2013 04:15	11/5/2013 05:30	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 68' 54.4 fph, Wob-30, gpm-504, rpm-80, diff-400
11/5/2013 05:30	11/5/2013 06:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and topdrive, perform drop checks, change topdrive oil filter, adjust 3-hole brakes

Report #: 32 Daily Operation: 11/5/2013 06:00 - 11/6/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 74	Days on Location (days) 30	End Depth (ftGRD) 16,516.0	End Depth (TVD) (ftGRD) 8,645.5	Dens Last Mud (lb/gal) 10.00	Rig NABORS DRILLING, M58	

Operations Summary

Rotary and slide drilled F/16256 - T/16538', POOH for new bit

Remarks

Nabors M 58 well (University 2-6#2H) Progress 17 days since accepted, 30 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 78%

9.7' high / 22 right to plan #2, target zone -- Wolfcamp B-3

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/5/2013 06:00	11/5/2013 10:00	4	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drilled 75', 18.7 fph, 504 gpm, 141 rpm, 20k WOB, HS
11/5/2013 10:00	11/5/2013 11:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 20', 13.3 fph, 504 gpm, 80/141 rpm, 300 psi diff, 35k WOB.
11/5/2013 11:30	11/5/2013 12:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service - Greased top drive, blocks, drawworks and black jack. performed TDS"drops"replaced cables on (2) bolts.. Checked oil level and checked "Y" stariner on top drive. Adjusted brakes.
11/5/2013 12:00	11/5/2013 17:00	5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 124', 24.8 fph, 504 gpm, 90/141 rpm, 400 psi, diff, 35k WOB. At drill depth of 16475 feet, observed hole packing off, stalling top drive, repeatedly while drilling. Reduced weight on bit from 35k to 15k, increased surface rpm to 90 in effort to clear up problems, without success. After each pack off event, shut down pump, picked drill string up and freed pipe without problem.
11/5/2013 17:00	11/5/2013 19:00	2	PROD-CIRC	CIRCULATE	CIRC	Racked stand in mousehole, broke circulation and pumped 20 bbls high vis sweep, while reciprocating stand full length and circulating at 504 gpm. Circulated sweep surface/surface. Observed 50% increase in cuttings at shakers when sweep returned - no increase in cuttings size - cuttings size was a little larger than coffee grounds.
11/5/2013 19:00	11/5/2013 22:00	3	PROD-DRILL TANGENT	DRILL PROD TANGENT-ROTATE	DRL-ROT	Rotary drill 63' 21 fph, Wob-20-30, gpm-504, rpm-110, diff-200
11/5/2013 22:00	11/6/2013 00:00	2	PROD-CIRC	CIRCULATE	CIRC	Circulate and condition, pump sweep prior to POOH for new bit. Shakers loaded from sweep, approx 50% more than normal, circulated clean.
11/6/2013 00:00	11/6/2013 00:30	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and topdrive, grease blocks, DW couplers, adjust brakes
11/6/2013 00:30	11/6/2013 06:00	5.5	PROD-TRIP	TRIP	TRIP	Trip out of hole F/16538' - T/6500, pulled 5 stands wet, pumped slug, check well, well static, monitor fillup on trip tank. Tight spot at 13800', broke free and was clear.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 33 Daily Operation: 11/6/2013 06:00 - 11/7/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 75	Days on Location (days) 31	End Depth (ftGRD) 16,516.0	End Depth (TVD) (ftGRD) 8,645.5	Dens Last Mud (lb/gal) 10.00	Rig NABORS DRILLING, M58	

Operations Summary

Tripped out of hole F/16538' for new bit, motor, MWD, Tripping back into hole to continue drilling lateral section.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 18 days since accepted, 31 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 78%

9.7' high / 22 right to plan #2

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/6/2013 06:00	11/6/2013 10:00	4	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Pulled out of hole from 6500 to 2720 feet, laid down 120 joints drill pipe due to derrick racking space.
11/6/2013 10:00	11/6/2013 11:00	1	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Continued pulling out of hole from 2720' to surface. Broke off and examined bit at surface. Bit #9, in at 14429', out 16538', 2109 feet in 56.25 hours, AvROP 37.5 fph, graded DBR.
11/6/2013 11:00	11/6/2013 12:00	1	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Laid down mud motor, laid down MWD.
11/6/2013 12:00	11/6/2013 13:30	1.5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Pulled inspected wear bushing for wear. Very slight wear in area towards "V" door. Ran and reset wear bushing, with worn area 180 degrees from "V" door. Function tested pipe rams and annular with 5" drill pipe across cavities. Function tested blind rams with no pipe across BOP. Function tested HCR on choke line. All tests good.
11/6/2013 13:30	11/6/2013 14:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service - greased crown, blocks, draw works, balack jack. Performed drops on top drive. Checked "Y" stariner on top drive, adjusted brakes.
11/6/2013 14:00	11/6/2013 14:30	0.5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Cleaned and cleared rig floor prior to picking up BHA/bit#10.
11/6/2013 14:30	11/6/2013 17:30	3	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Picked up fresh mud motor. Oriented and scribed with MWD. Installed and secured MWD sleeve in monel drill collar, Test MWD, no pulse during test, remove pulser and trouble shoot, pulser jammed, changed out pulser
11/6/2013 17:30	11/6/2013 19:00	1.5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Tripping in hole F/ 96' -- T/2360' Taking returns into trip tank
11/6/2013 19:00	11/7/2013 00:00	5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Pick up drill pipe F/2360 - T/6143, (120 Joints - 40 stands) Filling pipe every 60 joints, taking returns to trip tank
11/7/2013 00:00	11/7/2013 00:30	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Service rig and topdrive, check topdrive oil, adjust brakes, perform topdrive drop check
11/7/2013 00:30	11/7/2013 06:00	5.5	PROD-TRIP BHA	TRIP FOR BHA	TRIP BHA	Trip in hole F/6143' - T/15500'

Report #: 34 Daily Operation: 11/7/2013 06:00 - 11/8/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days) 76	Days on Location (days) 32	End Depth (ftGRD) 16,998.0	End Depth (TVD) (ftGRD) 8,646.2	Dens Last Mud (lb/gal) 10.20	Rig NABORS DRILLING, M58	

Operations Summary

TIH w/ BHA #10 F/ 15500' T/ 16258'. Wash and Ream to Btm @ 16538'. Rotary drill F/ 16538' T/ 16564, hole packing off. Circulate and Condition and reciprocating pipe. Decision was made to raise MW to 10.2ppg. Wash and Ream back to btm F/ 15441' T/ 16564'. Rotate and Slide Drill F/ 16564' T/ 17020'.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 19 days since accepted, 32 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 83%

20.5' high / 35.6' right to plan #2

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/7/2013 06:00	11/7/2013 07:00	1	PROD-TRIP	TRIP	TRIP	Continued trip in hole with BHA/bit#10, from 15500 to 16258 feet. Drill string taking weight at 16258'.
11/7/2013 07:00	11/7/2013 08:00	1	PROD-W&R	WASH & REAM	WASH_R EAM	Precautionary washed and reamed from 16258 to 16538 feet, with 0-5k WOB, 504 gpm, 80/141 rpm.
11/7/2013 08:00	11/7/2013 09:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 26', 26 fph, 504 gpm, 120/141 rpm, 5-25k WOB. Pumped lo-vis, weighted sweep when on bottom. While drilling interval 16538-15564, hole continued to pack off, which required picking up to free drill string. Changed drilling parameters in attempt to find window - WOB 5-25k, surface rpm 60-120, circulation rate from 462-504 gpm.
11/7/2013 09:00	11/7/2013 11:30	2.5	PROD-CIRC	CIRCULATE	CIRC	Hole continued packing off around drill string, pulled from 16564 to 16411 feet. Pumped 20 bbls high vis, weighted sweep. Continued to circulate with 80/129 rpm, 462 gpm. Hole not packing off. Circulated sweep surface to surface, slight increase in cuttings at surface when sweep returned. No change in cuttings size - slightly larger than coffee grinds. Reciprocated drill string from 16391 to 16441', circulated at 504 gpm, 80/141 rpm with no pack off observed.
11/7/2013 11:30	11/7/2013 14:00	2.5	PROD-CIRC	CIRCULATE	CIRC	Continued reciprocating drill string, between 16391 to 16441', with 80/141 rpm, 432 gpm, while increasing mud weight to 10.2ppg.
11/7/2013 14:00	11/7/2013 15:00	1	PROD-W&R	WASH & REAM	WASH_R EAM	10.2 ppg mud weight around. Washed and reamed from 15441 to 16564' with 432 gpm, 80/122 rpm with no problems.
11/7/2013 15:00	11/7/2013 15:30	0.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 19', 38 fph, 437 gpm, 80/122 rpm, 200 psi diff, 15k WOB.
11/7/2013 15:30	11/7/2013 16:45	1.25	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drilled 15', 12 fph, 437 gpm, 122 rpm, 15k WOB, 100 Diff, 180GTF
11/7/2013 16:45	11/7/2013 18:00	1.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 52', 41.6 fph, 437 gpm, 80/122 rpm, 350 psi diff, 25k WOB.
11/7/2013 18:00	11/7/2013 18:45	0.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drilled 10', 13 fph, 437 gpm, 122 rpm, 15k WOB, 150 Diff, 180GTF
11/7/2013 18:45	11/7/2013 23:15	4.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 268', 60 fph, 437 gpm, 80/122 rpm, 500 psi diff, 25k WOB.
11/7/2013 23:15	11/8/2013 03:00	3.75	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drilled 22', 6 fph, 437 gpm, 122 rpm, 15-40k WOB, 150 Diff, 130L Slow ROP - Seemed to be very hard formation. Mudlogger reporting 20% limey shale and 80% shale. Adjusting parameters in attempt to maximize ROP.
11/8/2013 03:00	11/8/2013 04:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drilled 64', 43 fph, 437 gpm, 80/122 rpm, 350 psi diff, 22-28k WOB. Broke out of hard formation at 16980'. Adjusted WOB in attempt to slow build tendency.
11/8/2013 04:30	11/8/2013 05:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Top Drive
11/8/2013 05:00	11/8/2013 06:00	1	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drilled 6', 6 fph, 437 gpm, 122 rpm, 15k WOB, 150 Diff, 130L

Report #: 35 Daily Operation: 11/8/2013 06:00 - 11/9/2013 06:00

Job Category ORIG DRILLING	Primary Job Type ODR	AFE Number 027784
Days From Spud (days) 77	Days on Location (days) 33	End Depth (ftGRD) 17,433.0
End Depth (TVD) (ftGRD) 8,642.9	Dens Last Mud (lb/gal) 10.20	Rig NABORS DRILLING, M58

Operations Summary

Slide and Rotate drill F/ 17020' T/ 17455'.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 20 days since accepted, 34 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 87%

1.4' low / 41.9' right to plan #3

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/8/2013 06:00	11/8/2013 09:00	3	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 24', 8 fph, 436 gpm, 119 rpm, 100 psi diff, 10-54kWOB, 180 degree tool face.
11/8/2013 09:00	11/8/2013 10:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 65', 43.3 fph, 496 gpm, 120/138 rpm, 300 psi diff, 30k WOB
11/8/2013 10:30	11/8/2013 11:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service - greased top drive, draw works, black jack. Performed drops check on top drive. Checked oil levels in top drive, cleaned "Y" strainer in top drive.
11/8/2013 11:00	11/8/2013 16:00	5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 189', 38 fph, 487 gpm, 120/136 rpm, 314 psi diff, 20k WOB
11/8/2013 16:00	11/8/2013 18:00	2	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 22', 11 fph, 504 gpm, 141 rpm, 100 psi diff, 10-54kWOB, 130L
11/8/2013 18:00	11/8/2013 19:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 73', 49 fph, 487 gpm, 120/136 rpm, 400 psi diff, 30k WOB
11/8/2013 19:30	11/9/2013 06:00	10.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 62', 6 fph, 504 gpm, 141 rpm, 100 psi diff, 25kWOB, 130L

Report #: 36 Daily Operation: 11/9/2013 06:00 - 11/10/2013 06:00

Job Category ORIG DRILLING	Primary Job Type ODR	AFE Number 027784
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Days From Spud (days) 78	Days on Location (days) 34	End Depth (ftGRD) 17,908.0	End Depth (TVD) (ftGRD) 8,658.4	Dens Last Mud (lb/gal) 10.20	Rig NABORS DRILLING, M58
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Operations Summary

Slide and Rotate drill F/ 17455' T/ 17930'

Remarks

Nabors M 58 well (University 2-6#2H) Progress 21 days since accepted, 35 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 92%

27' low / 27.5' right to plan #3

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/9/2013 06:00	11/9/2013 12:30	6.5	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 220', 33.8 fph, 496 gpm, 120/138 rpm, 200-400 psi diff, 30k WOB.
11/9/2013 12:30	11/9/2013 13:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service. Greased top drive, blocks, drawworks, black jack. Performed top drive drops. Adjusted brakes, cleaned/checked MP#2 suction screen.
11/9/2013 13:00	11/9/2013 18:00	5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 33', 6.5 fph, 504 gpm, 141 rpm, 25k WOB, 0-150 psi diff, HS.
11/9/2013 18:00	11/9/2013 21:00	3	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 66', 22 fph, 496 gpm, 120/138 rpm, 200-400 psi diff, 30k WOB.
11/9/2013 21:00	11/10/2013 00:00	3	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 20', 6.6 fph, 504 gpm, 141 rpm, 25k WOB, 0-150 psi diff, 20R.
11/10/2013 00:00	11/10/2013 02:15	2.25	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 71', 31.5 fph, 504 gpm, 120/141 rpm, 200-400 psi diff, 30k WOB.
11/10/2013 02:15	11/10/2013 02:45	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service. Greased top drive, blocks, drawworks, black jack. Performed top drive drops. Adjusted brakes. Greased TM-80
11/10/2013 02:45	11/10/2013 03:30	0.75	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 20', 27 fph, 504 gpm, 120/141 rpm, 200-400 psi diff, 30k WOB.
11/10/2013 03:30	11/10/2013 05:00	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 20', 13 fph, 504 gpm, 141 rpm, 25k WOB, 0-150 psi diff, 30R.
11/10/2013 05:00	11/10/2013 06:00	1	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 25', 25 fph, 504 gpm, 120/141 rpm, 200-400 psi diff, 30k WOB.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 37 Daily Operation: 11/10/2013 06:00 - 11/11/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
79	35	18,173.0	8,647.0	10.20	NABORS DRILLING, M58	

Operations Summary

Slide and Rotate drill F/ 17930' T/ 18195'. Clean and Condition Hole for bit trip.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 22 days since accepted, 36 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 95%

@ 18095' 25.5' low / 4.5' right to plan #3

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/10/2013 06:00	11/10/2013 09:00	3	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 50', 16.6 fph, 504 gpm, 120/141 rpm, 250 psi diff, 30k WOB
11/10/2013 09:00	11/10/2013 10:30	1.5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 21', 14 fph, 496 gpm, 138 rpm, 50 psi diff, 20k WOB, HS.
11/10/2013 10:30	11/10/2013 12:30	2	PROD-DRILL CURVE	DRILL CURVE-ROTATE	DRL CURVE-ROT	Rotary drill 53', 26.5 fph, 504 gpm, 120/141 rpm, 200 psi diff, 30k WOB
11/10/2013 12:30	11/10/2013 13:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig service. Greased top drive, blocks, drawworks, black jack. Performed top drive drops. Adjusted brakes.
11/10/2013 13:00	11/10/2013 18:00	5	PROD-DRILL LATERAL	DRILL LATERAL-SLIDE	DRL LAT-SLIDE	Slide drill 35', 7 fph, 496 gpm, 138 rpm, 50psi diff, 20k WOB, High side
11/10/2013 18:00	11/11/2013 00:00	6	PROD-DRILL LATERAL	DRILL LATERAL-ROTATE	DRL LAT-ROT	Rotary drill 106', 8.8 fph, 504 gpm, 120/141 rpm, 200 psi diff, 30k WOB @ 18185' noted Diff pressure spikes over 400psi that shutdown auto driller. ROP dropped to 5-7 fph, still had 250-300psi Diff. Adjusted parameters in attempt to maximize ROP w/ no success. Decision was made to POOH for bit.
11/11/2013 00:00	11/11/2013 06:00	6	PROD-CIRC	CIRCULATE	CIRC	Clean and Condition for Trip. Alternating low/high vis weighted sweeps, Surface to Surface. Circulating @ 504 gpm, 120rpm. Significant amount of cuttings back to surface. Rack back stand when sweep to surface and reciprocating full stand. Repeated cycle 3 times.

Report #: 38 Daily Operation: 11/11/2013 06:00 - 11/12/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
80	36	18,173.0	8,647.0	10.20	NABORS DRILLING, M58	

Operations Summary

Cleaned and Condition Hole. Flow check - Well static. POOH F/ 17834' T/ 7972'. Continue to POOH LD singles F/ 7972' T/ 700'. RIH w/ 28 stands from Derrick T/ 3400'. POOH LD singles F/ 3400' T/ BHA. LD Directional BHA #10. Pull wear bushing and Clean rig floor. Held PJSM w/ all Personell for Csg run. RU B&L Csg. tools.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 23 days since accepted, 37 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 100%

@ 18195' 19' low / 2.9' left to plan #3

Shallower total depth was approved by G&G.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/11/2013 06:00	11/11/2013 09:00	3	PROD-CIRC	CIRCULATE	CIRC	Reciprocated full stand from 17960 to 17865 while rotating at 120 rpm with 504 gpm and circulated third high viscosity sweep, surface to surface. Observed 50% increase in cuttings at shakers when sweep returned to surface. Racked stand back in derrick. Reciprocated from 17865 to 17771', rotated at 120 rpm, 504 gpm, pumped fourth 20 bbls sweep surface to surface. No increase in cuttings when sweep returned to surface.
11/11/2013 09:00	11/11/2013 10:00	1	PROD-TRIP	TRIP	TRIP	Flow checked - well static. Pulled 10 stands wet pipe, from 17834 to 16887', monitored pipe displacement with trip tank - hole took correct fill, no overpulls. Flow check - negative flow - pumped slug.
11/11/2013 10:00	11/11/2013 15:00	5	PROD-TRIP	TRIP	TRIP	Continued pulling out of hole from 16887 to 7972', racking pipe in derrick, monitored pipe displacement with trip tank. No overpulls observed, hole took correct fill.
11/11/2013 15:00	11/11/2013 15:30	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Top Drive, blocks, Drawworks, Blackjack, Adjust brakes.
11/11/2013 15:30	11/11/2013 20:30	5	PROD-TRIP	TRIP	TRIP	POOH LD singles F/ 7972' T/ 700'. Hole taking correct fill.
11/11/2013 20:30	11/11/2013 21:30	1	PROD-TRIP	TRIP	TRIP	RIH w/ 28 stands in Derrick, F/ 700' T/ 3400'. Leaving 84 stands in Derrick.
11/11/2013 21:30	11/12/2013 01:00	3.5	PROD-TRIP	TRIP	TRIP	POOH LD singles F/ 3400' T/ BHA'. Hole taking correct fill.
11/12/2013 01:00	11/12/2013 02:30	1.5	PROD1	SHARE	BHA	LD Directional BHA # 10, and remove wear bushing. MM65D 8.5" PDC Bit#10 In @ 16538' Out @ 18195'. Drilled 1657' in 80hrs. 20.7' average ROP. Bit at surface was 1/4" under gauge. Bit Grade - 1-8-LT-S-X-4-WT-PR.
11/12/2013 02:30	11/12/2013 03:30	1	PROD1	SHARE	CSG	Clean rig floor of OBM. Remove bails, Bail clamps, and elevators in prep for Casing Tools.
11/12/2013 03:30	11/12/2013 04:00	0.5	PROD-RIGSVC	RIG SERVICE PLANNED	RIG_SVC	Rig Service - Top Drive, blocks, brakes.
11/12/2013 04:00	11/12/2013 04:30	0.5	PROD1	SHARE	SFTY	Held safety meeting w/ all personell on Csg run.
11/12/2013 04:30	11/12/2013 06:00	1.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	RU B&L Csg tools. CDS tool, Bails, Elevators, Power tongs.

Report #: 39 Daily Operation: 11/12/2013 06:00 - 11/13/2013 06:00

Job Category ORIG DRILLING	Primary Job Type ODR	AFE Number 027784
Days From Spud (days) 81	Days on Location (days) 37	End Depth (ftGRD) 18,173.0
	End Depth (TVD) (ftGRD) 8,647.0	Dens Last Mud (lb/gal) 10.20
		Rig NABORS DRILLING, M58

Operations Summary

RU B&L Csg tools and Held Safety Meeting w/ all involved for Csg run. PU full opening safety valve and torque cement head adapter into top. MU Shoe track and Schlumberger RDV. RIH w/ 5 1/2", 20ppf, P-110, BTC Csg to 13700'.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 24 days since accepted, 38 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 100%

@ 18195' 19' low / 2.9' left to plan #3

Contacted TRRC @ 15:40hrs on 11-12-13 and spoke w/ Judy about upcoming Cement Job.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/12/2013 06:00	11/12/2013 07:00	1	PROD-CASE	RUN PRODUCTION CASTING	CASE	Rigged up 5-1/2" casing running equipment.
11/12/2013 07:00	11/12/2013 07:30	0.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Held prejob safety meeting, covering safe running of 5-1/2" production casing.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/12/2013 07:30	11/12/2013 15:00	7.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Picked up full opening safety valve/cross over assembly. Installed and torqued Schlumberger cement head adapter in top of FOSV assembly. Laid down FOSV assembly. Picked up shoe track assembly bottom to top, as follows: 5-1/2" BTC single valve float shoe, (2) intermediate joints 5-1/2"OD, 20 ppf, P-110, BTC casing, 5-1/2" single valve BTC float collar with Weatherford baffle plate installed in top of float collar, (1) joint 5-1/2"OD, 20 ppf, P-110, BTC casing and picked up Schlumberger RDV valve. Visual verified serial number of rupture disc -PNZA-79414. Thread locked shoe track connections from bottom of float collar through float shoe. Float shoe to top of float collar 82.21 feet, float shoe to top of RDV 127.39 feet. Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 110 joints of 430 total run, overall length of casing in hole 4683.60 feet.
11/12/2013 15:00	11/12/2013 16:00	1	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 124 joints of 430 total run, overall length of casing in hole 5226.17 feet.
11/12/2013 16:00	11/12/2013 17:00	1	PROD-CASE	RUN PRODUCTION CASTING	CASE	CRT tool not operating properly, RU new CRT, and Re-align bail clamps.
11/12/2013 17:00	11/12/2013 18:30	1.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 160 joints of 430 total run, overall length of casing in hole 6745 feet.
11/12/2013 18:30	11/12/2013 19:30	1	PROD-CASE	RUN PRODUCTION CASTING	CASE	Filling pipe and New CRT leaking. Had to replace Cup Seal and Test same.
11/12/2013 19:30	11/12/2013 19:30		PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 188 joints of 430 total run, overall length of casing in hole 7914' feet.
11/12/2013 19:30	11/12/2013 21:00	1.5	PROD-CIRC	CIRCULATE	CIRC	Circulate Btms up (3500 stks) @ 231gpm. Changed out Elevators F/ 150 ton T/ 350 ton.
11/12/2013 21:00	11/12/2013 23:30	2.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 243 joints of 430 total run, overall length of casing in hole 10200' feet. Filling pipe every 30 jnts.
11/12/2013 23:30	11/13/2013 01:00	1.5	PROD-CIRC	CIRCULATE	CIRC	Circulate Btms up (4600 stks) @ 231gpm.
11/13/2013 01:00	11/13/2013 06:00	5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2" OD, 20 ppf, P-110, BTC casing. Total of 326 joints of 430 total run, overall length of casing in hole 13689.27' feet. Filling pipe every 30 jnts.

Report #: 40 Daily Operation: 11/13/2013 06:00 - 11/14/2013 06:00

Job Category	Primary Job Type	AFE Number
ORIG DRILLING	ODR	027784

Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig
82	38	18,173.0	8,647.0	10.20	NABORS DRILLING, M58

Operations Summary

RIH w/ 5.5", 20#, BTC TXP Production Csg F/ 13,700' and landed @ 18,176', RU cement head. Circulate and Condition. Held Pre-job Safety meeting w/ cement crew. Mix and Pump Production Csg Cement: 60bbls of Mud Push - 251bbls of Scavenger (lead) - 548bbls of Tail and 401bbls of h20 displacement w/ full returns throughout job. RD Cement Equipment, remaining Csg equipment. Flush stack and install Packoff. ND BOP.

Remarks

Nabors M 58 well (University 2-6#2H) Progress 25 days since accepted, 39 days from spud.

Rig NPT: 0 hours for previous 24 hours. 4.0 hours for month of November. Rig Released 06:00hrs 11-14-13.

Completion percentage: Surface: 100% | Intermediate: 100% | Curve: 100% | Lateral: 100%

@ 18195' 19' low / 2.9' left to plan #3

Final Report

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/13/2013 06:00	11/13/2013 07:00	1	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2"OD, 20 ppf, P-110, BTC production casing from 13700 to 14500 feet. Filling casing every 20 joints run. Total of 344 joints of 431 total joints run. Monitored casing displacement with trip tank. No mud losses.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/13/2013 07:00	11/13/2013 09:00	2	PROD-CIRC	CIRCULATE	CIRC	Broke circulation and staged pump rate to 231 gpm@530 psi, circulated calculated bottoms up - Bottoms up calculated at 600 bbls. No mud losses.
11/13/2013 09:00	11/13/2013 13:30	4.5	PROD-CASE	RUN PRODUCTION CASTING	CASE	Continued running 5-1/2"OD, 20 ppf, P-110 BTC casing from 14500 to 18149 feet. Picked up hanger/landing joint assembly and landed in wellhead - verified by Seaboard rep. Ran total of 431 joints, 5-1/2"OD, 20 ppf, P-110, BTC, (2) 5-1/2"OD marker joints(marker joints placed at 8099.84' & 7924.10'). Overall length of casing18181.37', float shoe at18176.12' RKBM.
11/13/2013 13:30	11/13/2013 15:30	2	PROD-CIRC	CIRCULATE	CIRC	Engaged CRT, broke circulation at 3 BPM and staged to 6.5 BPM@ 720 psi. Picked casing string up 2 feet above landout, reciprocated 5 feet, while circulating bottoms up at 6.5 BPM@720 psi. Calculated bottoms up is 742 bbls/7415 strokes. 5900 strokes - 590 bbls - circulated at 15:00 hours. No mud losses.
11/13/2013 15:30	11/13/2013 17:30	2	PROD1	SHARE	RIGSER	Held pre job safety meeting w/ all personell on Production Cement job. Pick up FOSV and RU cement head and lines.
11/13/2013 17:30	11/13/2013 22:00	4.5	PROD-CMT	CEMENT PRODUCTION CASTING	CMT	Swap lines to pump truck Pressure test cement lines @ 8500 psi Cement 5-1/2" 20 ppf P-110 Tenaris BTC as follows: Mix and Pump @ 5 bpm Mud Push Express: 60 bbls @ 10.5 ppg (1 lb/bbl of MUDPUSH Express B389, 1.00 gal/bbl of B220 Surfactant, 0.100 gal/bbl of D206 Antifoam, 2833.6 lb/mgal of D031 Weighting Agent.) Mix and Pump @ 5 bpm Scavenger Slurry (Lead): 252 bbls @ 11ppg, 2.79 yield, 8.565 gal/sk h20. Mixed with 75 lb/sk cement D049, 0.3% flued loss D207, 10% extender D020, 6% extender D154, .2 % anti foam D046, .9% retarder D013, and .1% viscosifier D208, 1% Dispersant D065. Mix and Pump @ 5 bpm Tail Slurry: 548 bbls @ 12.5 ppg TXI Liteweight Cement. 1,945 sks (75 lb/sk) Yield 1.58 ft3/sk, Mix Fluid 8.564 gal/sk. Additives: 1.5 % BWOC (D174) Expanding Agent, 0.300 % BWOC (D207) Fluid Loss, 0.200 % BWOC (D046) Anti Foam, 0.2000 % BWOC (D201) Retarder, .0200% BWOC (D065) Dispersant, 0.1 % BWOC (D208) Viscosifier Drop Top Plug. Mix and Pump @ 5 bpm Displacement, 401 bbls fresh water @ 8.32 lb/gal. mix w/0.084 gal/bbl B244 Green-Cide 25G biocide. Plug down @ 22:12 11/13/2013. Bumped Plug @ 1000psi over final lift pressure of 1945psi (2950psi) Circulated out 3bbls of mud push to surface Full returns throughout operations. Lift Pressures: 50 bbls - 8 bpm - 830 psi, 100 bbls - 7.9 bpm - 1220 psi, 200 bbls- 6.5 bpm- 1811 psi, 300 bbls- 6.5 bpm- 1950 psi, 380 bbls- 5 bpm- 1860 psi, 390 bbls- 5 bpm- 1950 psi, 401 bbls- 5 bpm- 1950 psi
11/13/2013 22:00	11/13/2013 23:00	1	PROD-CMT	CEMENT PRODUCTION CASTING	CMT	RD Schlumberger cement Head, chiksons, and Circulating iron.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/13/2013 23:00	11/14/2013 01:00	2	PROD-CASE	RUN PRODUCTION CASTING	CASE	Break out swedge, and Tiw valve with power tongs, and lay out same, rig down crt, power tongs, bailes, and elevators.
11/14/2013 01:00	11/14/2013 03:00	2	PROD1-WLHEAD	LAND PACKOFF	WLHEAD	Back out landing joing, and make up pack off seals, drain and rinse bop, land out seals, and verify seated, set pack off pins, and remove packoff running tool, Flush out stack, and choke prior to nipple down.
11/14/2013 03:00	11/14/2013 06:00	3	PROD-NU/TEST	NIPPLE UP/TEST	NU/TEST	Nipple Down BOP's - Pull mouse hole, remove drip pans, remove flowline from bell nipple, remove turnbuckles, latch on to Stack and Break bolts. PU stack and install Dry Hole Cap. Rig Released to University 2-6 3H @ 06:00hrs 11-14-13. Final Report

Report #: 41 Daily Operation: 11/16/2013 06:00 - 11/17/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
85	38	18,173.0	8,647.0	10.20		

Operations Summary

Held safety meeting
Nipple down 13 3/8 dusk cap
Nipple up 7-1/16 10M Tubing Head B section w/10k half stack and mud cross.

Remarks

Nipped up SeaBoard B section and Priority half stack frac valves

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com

Report #: 42 Daily Operation: 11/17/2013 06:00 - 11/18/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
86	38	18,173.0	8,647.0	10.20		

Operations Summary

Remarks

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com

Report #: 43 Daily Operation: 11/18/2013 06:00 - 11/19/2013 06:00

Job Category ORIG DRILLING			Primary Job Type ODR			AFE Number 027784
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
87	38	18,173.0	8,647.0	10.20		

Operations Summary

Remarks

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 1 Daily Operation: 11/21/2013 06:00 - 11/22/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 90	Days on Location (days) 1	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig RSI, <rigno>	

Operations Summary

Held Safety meeting with RSI,Nabors Drilling and Pioneer personnel.
MIRU RSI. Tested lines and frac valve to 9,527 psi. Pressure held good
Opened well,took 18 bbls to load well, tested casing to 8,527 psi.Held psi for10 minutes.
Proceeded to slowly increase psi to 9,500
Pressure dropped to 3,777 psi Watched for 10 mins.
Continued to pump 3 bpm 4,939. Pumped 6 bbls
Shut down, monitored well psi for 5 mins.Last reading before shutting in well was 3,018 psi
Shut in well,RD RSI

Remarks

Shut in well.Surface pressure reading was 2,900 psi

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/21/2013 06:00	11/21/2013 15:00	9	COMPL	Other operations	OTHR	WSI, Await Toe sleeve and DFIT Procedure
11/21/2013 15:00	11/21/2013 18:30	3.5	COMPL	Other operations	OTHR	Held a pre-job safety meeting with RSI,Nabors Drilling and Pioneer Personnel.
11/21/2013 18:30	11/21/2013 21:00	2.5	MOBILIZATION	MIRU	MIRU	MIRU RSI. Held a safety meeting with RSI,Nabors Drilling and Pioneer Personnel Covered job procedures with third party vendors.
11/21/2013 21:00	11/21/2013 21:45	0.75	COMPL	Formation Injection Test	FIT	RSI tested lines and frac valve to 9,500 psi.Opened well, showing 0 psi. Proceeded to load well with fresh water with RSI frac pumps until we gained pressure. Applied 8,500 psi on casing and held for five minutes. No loss in pressure Continue to slowly increase pressure to 9,500 psi. Reached a pressure of 9,550 psi, pumped kicked out at 9,550 psi. Pressure dropped to 3,700 psi. Uncertain that the sleeve opened. Decided to slowly apply rate to make certain. Pumped 3 bbls @ 4,866 psi. Shut down, monitored pressure for 10 mins.Pressure flatlined at 3,088 psi. Pumped an additional 3 bbls (3 bpm @ 4,939 psi. Shut down, monitored well for 5 mins Pressure lined out at 3,000 psi
11/21/2013 21:45	11/21/2013 22:30	0.75	COMPL	Other operations	OTHR	Shut in well,Surface pressure reading was 2,900 psi RD RSI
11/21/2013 22:30	11/22/2013 06:00	7.5	COMPL	Other operations	OTHR	WSI

Report #: 2 Daily Operation: 11/22/2013 06:00 - 11/23/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 91	Days on Location (days) 2	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary

Opened Surface Casing
Casing pressure gauge reading-2,700 psi

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/22/2013 06:00	11/22/2013 12:00	6	COMPL	Other operations	OTHR	WSI
11/22/2013 12:00	11/22/2013 12:30	0.5	COMPL	Other operations	OTHR	Arrived on location, Opened casing valve Casing pressure gauge reading- 2,700 psi
11/22/2013 12:30	11/23/2013 06:00	17.5	COMPL	Other operations	OTHR	WSI

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 3 Daily Operation: 11/23/2013 06:00 - 11/24/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
92	3	-22.0				

Operations Summary

Opened Surface Casing
Casing pressure gauge reading-2,600 psi

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/23/2013 06:00	11/23/2013 11:00	5	COMPL	Other operations	OTHR	WSI
11/23/2013 11:00	11/23/2013 11:30	0.5	COMPL	Other operations	OTHR	Arrived on location, Opened casing valve Casing pressure gauge reading- 2,600 psi
11/23/2013 11:30	11/24/2013 06:00	18.5	COMPL	Other operations	OTHR	WSI

Report #: 4 Daily Operation: 11/24/2013 06:00 - 11/25/2013 06:00

Job Category				Primary Job Type			AFE Number	
ORIG COMPLETION				OCM			027777	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig			
93	4	-22.0						

Operations Summary

Unable to check casing pressure due to icy weather conditions.

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/24/2013 06:00	11/25/2013 06:00	24	UNPLANNED	Waiting on Weather	U_WOW	WSI, Unable to check casing pressure due to icy weather conditions

Report #: 5 Daily Operation: 11/25/2013 06:00 - 11/26/2013 06:00

Job Category				Primary Job Type		AFE Number	
ORIG COMPLETION				OCM		027777	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
94	5	-22.0					

Operations Summary

Opened Surface Casing
Casing pressure gauge reading-1,900 psi
Surface casing valve was left open to record data.

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
11/25/2013 06:00	11/25/2013 13:00	7	COMPL	Other operations	OTHR	WSI
11/25/2013 13:00	11/25/2013 14:00	1	COMPL	Other operations	OTHR	Opened Surface Casing Casing pressure gauge reading-1,900 psi Surface casing valve was left open to record data.
11/25/2013 14:00	11/26/2013 06:00	16	COMPL	Other operations	OTHR	Surface casing valve left open for the engineers to retrieve data for analysis

Report #: 6 Daily Operation: 12/3/2013 06:00 - 12/4/2013 06:00

Job Category ORIG COMPLETION				Primary Job Type OCM		AFE Number 027777	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
102	6	-22.0					

Operations Summary

Monitor wellhead at 22:00 PSI is 1274.44

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/3/2013 06:00	12/4/2013 06:00	24	COMPL	Other operations	OTHR	Monitor wellhead PSI

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 7 Daily Operation: 12/4/2013 06:00 - 12/5/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 103	Days on Location (days) 7	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary

Run API junk basket. RIH radial CBL. Log out from 8,680'.

Remarks

No Accidents or Incidents reported.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/4/2013 06:00	12/4/2013 21:45	15.75	COMPL	Other operations	OTHR	No activity, pending CBL ops on 1H and 3H
12/4/2013 21:45	12/5/2013 02:30	4.75	COMPL	cement bond log	LOGCBL	Rig up. RIH w/junk basket. Run in hole radial CBL. Log out from 8,680'.
12/5/2013 02:30	12/5/2013 03:30	1	COMPL	Other operations	OTHR	Rig down. WSI.
12/5/2013 03:30	12/5/2013 06:00	2.5	COMPL	Other operations	OTHR	WSI. Waiting for pump down ops.

Report #: 8 Daily Operation: 12/5/2013 06:00 - 12/6/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 104	Days on Location (days) 8	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary

No activity, pump acid and limonene per procedure. Secure well waiting on plug and perf Stage #1

Remarks

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/5/2013 06:00	12/5/2013 10:15	4.25	COMPL	Other operations	OTHR	No activity pending ops on 3H
12/5/2013 10:15	12/5/2013 13:30	3.25	COMPL	Other operations	OTHR	Waiting on acid
12/5/2013 13:30	12/5/2013 15:00	1.5	COMPL	Other operations	OTHR	PSI up backside to 1500 PSI, open well 2874 PSI. Start pump pumping establish injection rate 12.1 BPM @ 7500 Start acid and limonene Bring rate up to 8.9 BPM @ 7400 Rate up to 13.8 BPM @ 8500 Acid on rate 13.9 @ 6600 (fuel line prevented increase in rate frozen water) Shut down 4300 Pumped 539 BBLs total Shut down and secure well
12/5/2013 15:00	12/6/2013 06:00	15	COMPL	Other operations	OTHR	Secure well SDFN

Report #: 9 Daily Operation: 12/6/2013 06:00 - 12/7/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 105	Days on Location (days) 9	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary

No activity due to inclement weather, ready for plug and perf Stage #1

Remarks

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/6/2013 06:00	12/7/2013 06:00	24	COMPL_UNPLN D	Waiting on weather	U_WOW	No activity due to inclement weather, ready for plug and perf Stage #1

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 10 Daily Operation: 12/7/2013 06:00 - 12/8/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 106	Days on Location (days) 10	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
Operations Summary No activity						
Remarks						

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/7/2013 06:00	12/8/2013 06:00	24	COMPL	Other operations	OTHR	No activity

Report #: 11 Daily Operation: 12/8/2013 06:00 - 12/9/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 107	Days on Location (days) 11	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
Operations Summary No activity						
Remarks						

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/8/2013 06:00	12/9/2013 06:00	24	COMPL	Other operations	OTHR	No activity

Report #: 12 Daily Operation: 12/9/2013 06:00 - 12/10/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 108	Days on Location (days) 12	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
Operations Summary No activity pending ops on 3H, PD to plug/perf stage 1.						
Remarks FTR--- 979 BBLS LTR---- 979 BBLS						

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/9/2013 06:00	12/10/2013 02:30	20.5	COMPL	Other operations	OTHR	No activity pending ops on 3H,
12/10/2013 02:30	12/10/2013 04:30	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for Stage # 1. RIH & pump down Baker CFP & 5 each 3.375" guns. Set CFP @ 18,037'. Perforate intervals : 17,785'/17,787', 17,845'/17,847', 17,905'/17,907', 17,965'/17,967', 18,025'/18,027', w/ 40 shots, 4 SPF, 60", 25 GR, 0.42" EHD perf guns. 40 holes total. POOH. All shots fired. RD WL. Pump down @ 18 bpm / 7,400 psi. Line speed 350 ft/min. FTR: 979 bbls LTR: 979 bbls
12/10/2013 04:30	12/10/2013 04:45	0.25	COMPL	Other wireline operations	WLOTHR	OOH w/ plug and perf run. Lay down guns and setting tool. Pick up E & P Retrievable Bridge Plug. Rig to well.
12/10/2013 04:45	12/10/2013 06:00	1.25	COMPL	Other wireline operations	WLOTHR	Tag in wireline change over under BOP's with Retrievable bridge plug. Rigging down to check id of change over at Report time.

Report #: 13 Daily Operation: 12/10/2013 06:00 - 12/11/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 109	Days on Location (days) 13	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
Operations Summary Plug hung up in cross-over under BOP's, unable to remove RBP from cross-over, called for re-placement RBP. Set plug, MIRU SLB WL for USIT Log. Ran log, RDMO SLB WL. MIRU J&W WL to retrieve RBP.						
Remarks						

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/10/2013 06:00	12/10/2013 06:15	0.25	PLAN	PERS	SFTY	PJSM
12/10/2013 06:15	12/10/2013 06:45	0.5	COMPL	Wireline operations to set packer	WLPK	Laid down lubricator, pick up BOP's, RBP hung in cross-over under BOP's. Set Bop's off wellhead, could not pull RBP out of cross-over. Remove cross-over at thread on flange, attempted to drive RBP out of flange appeared slips had bit into cross-over.
12/10/2013 06:45	12/10/2013 08:45	2	COMPL_UNPLN D	Downtime related to logging tool failure	U_LOG	Called for replacement RBP, nipped down 10K lubricator while waiting on replacement RBP, will used 5K to run RBP
12/10/2013 08:45	12/10/2013 09:15	0.5	UNPLANNED	Other - Anything not listed above	U_OTR	Received RBP wrong type plug sent out. Sent out tubing retrievable plug.
12/10/2013 09:15	12/10/2013 13:30	4.25	UNPLANNED	Other - Anything not listed above	U_OTR	Waiting on RBP
12/10/2013 13:30	12/10/2013 15:00	1.5	COMPL	Other wireline operations	WLOTHR	Make up 5 1/2" RBP, nipple up to wellhead, 2800 PSI wellhead. Pump 125 BBLs treated fresh water to clear well bore of any gas. open wellhead and run in hole set RBP at 8130' WLM.
12/10/2013 15:00	12/10/2013 16:00	1	COMPL	Other wireline operations	WLOTHR	Pull out of hole with setting tool. RDMO E&P WL
12/10/2013 16:00	12/10/2013 16:30	0.5	COMPL	Other operations	OTHR	Postive test on RBP 2500 PSI above shut in casing PSI, bled well down to 0 PSI and shut in
12/10/2013 16:30	12/10/2013 19:30	3	COMPL	Other wireline operations	WLOTHR	MIRU SLB WL
12/10/2013 19:30	12/11/2013 00:30	5	COMPL	Other wireline operations	WLOTHR	Start IH with UFIT Log, went to 8,050', pressured up to 5k psi, began logging OOH. RDMO SLB WL
12/11/2013 00:30	12/11/2013 06:00	5.5	COMPL	Other wireline operations	WLOTHR	MIRU J&W WL, RIH. Unable to latch, Sheered pin from JDC tool, POOH to replace pin/retrieve overshot and retry. Ran back in hole, latched over shot and still no luck latching onto plug. POOH to inspect again. Noticed markings on over shot that indicated we were bottoming out and not latching onto J-latch. Made appropriate calls and decided to cut J-latch guide and re-try. Cutting guide at report time.

Report #: 14 Daily Operation: 12/11/2013 06:00 - 12/12/2013 06:00

Job Category	Primary Job Type	AFE Number
ORIG COMPLETION	OCM	027777
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)
110	14	-22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig
		IPS, 234

Operations Summary

Cut the J-Latch Guide,RIH w/wireline for second attempt to retrieve the plug.No luck on retrieving the plug.
Called IPS Coil and Pro Thru Tubing for BHA. Rig up ISP made one run did not catch overshot, check tools, made second run,

Remarks

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/11/2013 06:00	12/11/2013 09:00	3	COMPL	Other wireline operations	WLOTHR	RIH for second attempt with over shot after cutting the J-Latch guide.Tagged plug,no luck latching onto plug. Pressured up to 4,000 psi to see if it could help apply more weight to latch on, no luck.JD pin sheared, left over shot in hole. Currently RIH to retrieve the over shot.
12/11/2013 09:00	12/11/2013 12:00	3	COMPL	Other wireline operations	WLOTHR	J&W retrieved the over shot.RD J&W wireline and await IPS Coil arrival
12/11/2013 12:00	12/11/2013 12:30	0.5	MOBILIZATION	MIRU	MIRU	Move in and spot IPS Coil units.
12/11/2013 12:30	12/11/2013 13:00	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Held safety meeting with IPS Coil,Pro Thru Tubing and Odessa Packer prior to rigging up
12/11/2013 13:00	12/11/2013 14:15	1.25	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	Continue to rig up IPS Coil

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/11/2013 14:15	12/11/2013 18:00	3.75	COMPL	Other operations	OTHR	Opened the well with 2,200 psi.RIH with IPS Coil, Pro Thru BHA and Odessa Packer over shot tools. Performed a weight check at 8,000 ft.Pulled 1,700 lbs.Continued in,tagged plug at 8,120 ft Tried two attempts to latch on. On the second attempt,we pulled up100 ft and started to wash down at 3 bpm with a return of 2,100 psi.,tagged plug at 8,100 psi.Pulled up,weight showing 2,100 lbs, indicating that the plug had been retrieved.Continued to POOH with coil and BHA.
12/11/2013 18:00	12/11/2013 23:00	5	COMPL	Other operations	OTHR	Did not have RBP, Break off overshot did not have marks around top of J latch that would indicate overshot completely swallowed RBP. Tested overshot on another RBP on location working fine. Paint inside of overshot. Make up overshot and trip in hole to fish. Engage RBP, attempted of catch RBP without pumping and with pumps on 2 BPM holding 2400 PSI on casing. Unable to catch RBP. Call for different overshot. Pull out of hole with overshot and broke down no indications overshot was swallowing RBP. Received new overshot make up and nipple up injector head
12/11/2013 23:00	12/12/2013 03:00	4	COMPL	Other operations	OTHR	Trip in hole with overshot, weight check 8000', bled well down to 1800 PSI, engage RBP at 8112', set down 8K, pick up 24K weight drop to 17K. Run in hole to 8118' pull out of hole with RBP.
12/12/2013 03:00	12/12/2013 04:30	1.5	COMPL	Other operations	OTHR	Secure well, Rig down coil unit move off location.
12/12/2013 04:30	12/12/2013 06:00	1.5	COMPL	Shut down for night	SDFN	WSI rigging up for frac

Report #: 15 Daily Operation: 12/12/2013 06:00 - 12/13/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 111	Days on Location (days) 15	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	
Operations Summary MIRU PPS and all third party equipment						
Remarks						

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/12/2013 06:00	12/13/2013 06:00	24	MOBILIZATION	MIRU	MIRU	WSI,MIRU PPS and all third party equipment

Report #: 16 Daily Operation: 12/13/2013 06:00 - 12/14/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 112	Days on Location (days) 16	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	
Operations Summary Frac Stages 1 Perf Stages 2						

Ran chemicals on all stages with Pro Technics
Issues with setting sleeve hanging on over torqued collars while logging out : SEE TIME LOG for details

Remarks
PPS Down Time: 5.35 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 9,930 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 9,930 bbls

TSIF: 207,644 lbs

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/13/2013 06:00	12/13/2013 08:30	2.5	MOBILIZATION	MIRU	MIRU	Waiting on PPS and all third party to complete the rig up.
12/13/2013 08:30	12/13/2013 13:00	4.5	COMPL_UNPLN D	Unplanned time due to PXD pumping services`	U_PEPX D	Pioneer having issues with the suction valves on the blender. Unable to load and test lines. Have to replace two actuator valves. Waiting on repairs.
12/13/2013 13:00	12/13/2013 14:30	1.5	COMPL	Frac	STIM	Started the frac with 12 pumps. Had to shut down during pad. Lost packing on two pumps and a d-ring on another.
12/13/2013 14:30	12/13/2013 15:15	0.75	COMPL	Required pump maintenance for zipper frac equipmem	ZPM	PPS downtime related to pump maintenance
12/13/2013 15:15	12/13/2013 17:00	1.75	COMPL	Frac	STIM	<p>Frac Stage # 1 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 146 bbls. 15% HCL 36,667 # 100 MESH / 170,977 # 40/70 Brady/ 8,284 BBLS Slickwater fluid, down 5.5' CSG</p> <p>Formation broke @ 20 BPM/ 5,004 PSI Acid on form @ 30 BPM/ 6,224 PSI Acid cleared @ 60 BPM/ 7,520 PSI</p> <p>Pad ISIP: 3,752 PSI</p> <p>Avg rate: 72 BPM Avg PSI: 7,809 Max rate: 80.0 BPM Max PSI: 9,054</p> <p>ISIP: 3,563 PSI FG .844</p> <p>FTR: 8,284 BBLS LTR Total: 9,263 BBLS SIF: 207,644 # Total SIF: 207,644 #</p> <p>Note- Had problems with the valves while on acid. Pumped 110 bbls of water and 36 bbls of acid plus 594 bbls for the step down procedure. Pad volume will be increased to compenste for the step down volume.</p> <p>Had to shut down during pad due to blown packings on two pumps and had to replace a d-ring on another.</p> <p>Pressure started to increase while on .5# 100 mesh. Pumped 2,000 lbs of 100 Mesh and cut sand. Dropped rate to 72 bpm, waited on sand to hit formation to see how the pressure would react before proceeding on with sand. sand hit form, had a pressure drop from 8,375 psi to 8,074 psi at 72 bpm.</p> <p>Lost a pump due to a blown suction cap during the second pad stage. Pump kept kicking out during the 1.5# stage causing an eratic pressure change. Pressure started to increase on the tail end of the 1.5# stage. Staged to the 1.75# stage and pressure continued to climb. Cut sand and flushed. 60% sand in formation.</p>

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/13/2013 17:00	12/13/2013 22:15	5.25	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #2 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 17,756' Perforated Intervals: 17,727-17,725 / 17,667-17,665 / 17,607-17,605 / 17,547-17,545 / 17,487-17,485 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 18 bpm / 8300 psi. Line Speed 275 ft/min Used 667 bbls LTR Total 9,930 bbls Start out of hole running gamma at 90' minutes tools hung up at 15,304' could go down not up, pick up against tight spot start pumps 1.5 BPM surged well tools went thru, drop down to 15,667' start out of hole hung up at 15,304' same spot surge well tools came thru. determined tight spot was over torqued collar, from CCL. Tools hung up again at, 11,740', 11,502', 9,186', 8900', surged well each time and went thru. Tools hung up at 8,676', 8,632', and 8506' brought rate up to 12 BPM each time and pumped guns down 35' and pulled thru tight spot at 150' did not see tight spots when running 150'. Completed log and pull out of hole with tools. Beveled edges on all setting sleeves.
12/13/2013 22:15	12/14/2013 06:00	7.75	COMPL	Other operations	OTHR	WSI pending ops on 3H and 1H

Report #: 17 Daily Operation: 12/14/2013 06:00 - 12/15/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 113	Days on Location (days) 17	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 2 thru 3
Perf Stages 3

Ran chemicals on all stages with Pro Technics
No accidents or incidents reported

Currently RIH w/ WL to plug & perf stage #4 @ Report time.
PPS swapping over to the #3H to frac Stage #4 @ Report time.

Remarks

PPS Down Time: 5.35 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 29,187 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 29,187 bbls

TSIF: 909,868 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/14/2013 06:00	12/14/2013 09:45	3.75	COMPL	Other operations	OTHR	WSI, Waited on Frac Ops on #3H and #1H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/14/2013 09:45	12/14/2013 12:00	2.25	COMPL	Frac	STIM	<p>Frac Stage # 2 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 41 bbls. 15% HCL 37,662 # 100 MESH / 313,977 # 40/70 Brady/ 8,777 BBLS Slickwater fluid, down 5.5' CSG</p> <p>Formation broke @ 20 BPM/ 4,945 PSI Acid on form @ 30 BPM/ 6,436 PSI Acid cleared @ 60 BPM/ 6,952 PSI</p> <p>Pad ISIP: 3,643 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 7,387 Max rate: 80.0 BPM Max PSI: 8,277</p> <p>ISIP: 4,087 PSI FG .95</p> <p>FTR: 8,777 BBLS LTR Total: 18,707 BBLS SIF: 351,639 # Total SIF: 559,283 #</p>
12/14/2013 12:00	12/14/2013 18:00	6	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and perf and plug ops on the 1H
12/14/2013 18:00	12/14/2013 21:30	3.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #3 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 17,456' Perforated Intervals: 17,427-17,425 / 17,367-17,365 / 17,307-17,305 / 17,247-17,245 / 17,187-17,185 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 6500 psi. Line Speed 295 ft/min</p> <p>Used 445 bbls LTR Total 19,152 Bbls</p>
12/14/2013 21:30	12/15/2013 02:30	5	COMPL	Other operations	OTHR	WSI pending ops on 1H and 3H
12/15/2013 02:30	12/15/2013 05:00	2.5	COMPL	Frac	STIM	<p>Frac Stage # 3 of 33. Test stack to 9,500 PSI , Frac perms as proposed W/ 36 bbls. 15% HCL 37,530 # 100 MESH /313,055 # 40/70 Brady/ 10,035 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/ 5,717 PSI</p> <p>Steptdown: @ 80 BPM/6,814 @ 60 BPM/5,876 @ 40 BPM/4,873 @ 20 BPM/4,095</p> <p>ISIP: 3,584 PSI / 5 Min: 3,341</p> <p>Avg rate: 79.3 BPM Avg PSI: 7,215 Max rate: 80.0 BPM Max PSI: 8,688</p> <p>ISIP: 4279 PSI FG .97</p> <p>FTR: 29,187 BBLS SIF: 350,585 # Total SIF: 909,868 #</p>
12/15/2013 05:00	12/15/2013 06:00	1	COMPL	Other operations	OTHR	Currently RIH w/ WL to plug & perf stage #4 @ Report time. PPS swapping over to the #3H to frac Stage #4 @ Report time.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 18 Daily Operation: 12/15/2013 06:00 - 12/16/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 114	Days on Location (days) 18	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 4 & 5
Perf Stages 4 & 5

Ran chemicals on all stages with Pro Technics
No accidents or incidents reported

Currently RIH w/WL to plug & perf stage #6 @ Report Time.
PPS is currently swapping iron to the #3H Well @ report time.

Remarks

PPS Down Time: 5.35 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 47,404 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 47,404 bbls

TSIF: 1,613,256 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/15/2013 06:00	12/15/2013 09:00	3	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #4 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 17,156' Perforated Intervals: 17,127-17,125 / 17,067-17,065 / 17,007-17,005 / 16,947-16,945 / 16,887-16,885 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 6,500 psi. Line Speed 270 ft/min Used 365 bbls LTR Total 29,552 Bbls
12/15/2013 09:00	12/15/2013 15:00	6	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H
12/15/2013 15:00	12/15/2013 17:15	2.25	COMPL	Frac	STIM	Frac Stage # 4 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 35 bbls. 15% HCL 40,474 # 100 MESH / 311,550 # 40/70 Brady/ 8,597 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4,517 PSI Shutdown: @ 80 BPM/ 6,965 PSI @ 60 BPM/ 5,741 PSI @ 40 BPM/ 4,708 PSI @ 20 BPM/ 3,904 PSI Pad ISIP: 3,423 PSI / 5 Min: 3,238 PSI Avg rate: 78 BPM Avg PSI: 6,730 Max rate: 80.0 BPM Max PSI: 7,367 ISIP: 3,294 PSI FG .85 FTR: 38,149 BBLS SIF: 351,550 # TOTAL SIF: 1,261,418 #

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/15/2013 17:15	12/15/2013 20:15	3	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #5 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 16,856' Perforated Intervals: 16,827-16,825 / 16,767-16,765 / 16,707-16,705 / 16,647-16,645 / 16,587-16,585 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5800 psi. Line Speed 295 ft/min Used 415 bbls LTR Total 38,564 Bbls
12/15/2013 20:15	12/16/2013 02:45	6.5	COMPL	Other operations	OTHR	WSI pending ops on 1H and 3H
12/16/2013 02:45	12/16/2013 05:15	2.5	COMPL	Frac	STIM	Frac Stage # 5 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 34 bbls. 15% HCL 37,813 # 100 MESH / 314,025 # 40/70 Brady/ 8,840 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 20 BPM/ 4114 PSI Shutdown: @ 80 BPM/6598 PSI @ 60 BPM/5450 PSI @ 40 BPM/4530 PSI @ 20 BPM/3843 PSI Pad ISIP: 3513 PSI / 5 Min: 3293 PSI Avg rate: 80.0 BPM Avg PSI: 6,682 Max rate: 80.0 BPM Max PSI: 7,278 ISIP: 3424 PSI FG .87 FTR: 47,404 BBLS SIF: 351,838 # TOTAL SIF:1,613,256 #
12/16/2013 05:15	12/16/2013 06:00	0.75	COMPL	Other operations	OTHR	Currently RIH w/WL to plug & perf stage #6 @ Report Time. PPS is currently swapping iron to the #3H Well @ report time.

Report #: 19 Daily Operation: 12/16/2013 06:00 - 12/17/2013 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 115	Days on Location (days) 19	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary
Frac Stages 6
Perf Stages 6 & 7

Currently Fracing stage # 7 @ Report Time.

Ran chemicals on all stages with Pro Technics
No accidents or incidents reported

Remarks
PPS Down Time: 0.00 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 57,150 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 57,150 bbls

TSIF: 1,965,549 lbs

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/16/2013 06:00	12/16/2013 07:30	1.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #6 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 16,556' Perforated Intervals: 16,527-16,525 / 16,467-16,465 / 16,407-16,405 / 16,347-16,345 / 16,287-16,285 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,750 psi. Line Speed 300 ft/min Used 317 bbls LTR Total 47,721 Bbls
12/16/2013 07:30	12/16/2013 13:15	5.75	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H
12/16/2013 13:15	12/16/2013 16:00	2.75	COMPL	Frac	STIM	Frac Stage # 6 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 49 bbls. 15% HCL 37,506 # 100 MESH / 314,787 # 40/70 Brady/ 9,122 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 14 BPM/ 4,826 PSI Shutdown: @ 75 BPM/ 7,084 PSI @ 60 BPM/ 5,894 PSI @ 40 BPM/ 4,580 PSI @ 20 BPM/ 3,858 PSI Pad ISIP: 3,383 PSI / 5 Min: 3,221 PSI Avg rate: 79 BPM Avg PSI: 6,763 Max rate: 80.0 BPM Max PSI: 7,584 ISIP: 3,435 PSI FG .86 FTR: 56,843 BBLS SIF: 352,293 # TOTAL SIF: 1,965,549 # Note-Lost the Frac Pro Program while pumping down the ball. Recieved a breakdown and displaced the acid. Shut down until further notice. PPS was able to fix the problem, resumed with the job.
12/16/2013 16:00	12/16/2013 18:45	2.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #7 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 16,256' Perforated Intervals: 16,227-16,225 / 16,167-16,165 / 16,107-16,105 / 16,047-16,045 / 15,987-15,985 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 6100 psi. Line Speed 295 ft/min Used 307 bbls LTR Total 57,150 Bbls
12/16/2013 18:45	12/17/2013 04:15	9.5	COMPL	Other operations	OTHR	WSI pending ops on 3H and 1H
12/17/2013 04:15	12/17/2013 06:00	1.75	COMPL	Other operations	OTHR	Currently Fracing Stage #7 @ Report Time.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 20 Daily Operation: 12/17/2013 06:00 - 12/18/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 116	Days on Location (days) 20	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary
Frac Stages 7, 8
Perf Stages 8, 9

Ran chemicals on all stages with Pro Techniques
No accidents or incidents reported

Currently Fracing Stage #9 @ report time.

Remarks

PPS Down Time: 0.00 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 76,147 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 76,147 bbls

TSIF: 2,551,054 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/17/2013 06:00	12/17/2013 06:15	0.25	COMPL	Frac	STIM	<p>Frac Stage # 7 of 32. Test stack to 9,500 PSI , Frac perfs as proposed W/ 46 bbls. 15% HCL 37,429 # 100 MESH / 313,317 # 40/70 Brady/ 8,970 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/ 5173 PSI</p> <p>Pad ISIP: 3630 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 7,246 Max rate: 80.0 BPM Max PSI: 8,673</p> <p>ISIP: 3,307 PSI FG .85</p> <p>FTR: 66,120 BBLS SIF: 350,746 # TOTAL SIF: 2,316,295 #</p> <p>Note-did not perform a step down due to high pressure. Will be down and waiting on to swap out blenders due to the mechanical seal going out on the suction pump.</p>
12/17/2013 06:15	12/17/2013 09:15	3	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #8 of 31. RIH & pumped down w/Baker CFP & 5 - 3-1/8" guns, set CFP @ 15,956' Perforated Intervals: 15,927-15,925 / 15,867-15,865 / 15,807-15,805 / 15,747-15,745 / 15,687-15,685 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5,800 psi. Line Speed 260 ft/min</p> <p>Used 296 bbls LTR Total 66,416 Bbls</p>
12/17/2013 09:15	12/17/2013 16:15	7	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/17/2013 16:15	12/17/2013 18:45	2.5	COMPL	Frac	STIM	<p>Frac Stage # 8 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 35 bbls. 15% HCL 38,346 # 100 MESH / 191,534 # 40/70 Brady/ 9,378 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5,940 PSI</p> <p>Avg rate: 80.0 BPM Avg PSI: 7,163 Max rate: 80.0 BPM Max PSI: 8,434</p> <p>ISIP: 0 PSI FG .83</p> <p>FTR: 75,794 BBLS SIF: 234,759 # TOTAL SIF: 2,551,054#</p> <p>Note- Unable to perform a step down and recieve a pad isip due to high well pressure. Pressure increased after breakdown to 8,918 psi at 80 bpm.Decided to spearhead an additional 1,500 gals of 15% HCL. Pressure started to fall after displacing the acid. Let the pressure line out 80 bpm @ 8,081 psi. Decided to send a .25# slug of 100 Mesh (1,500 lbs). Pressure was at 8,376 while displacing the sand slug. Pressure dropped to 7,755 psi after the .25# hit form. Sent 1,000 lbs of .5# 100 Mesh to decide if the pressure will allow us to proceed as designed.Pressure dropped to 7,137 psi. Decided to start sand as designed.</p>
12/17/2013 18:45	12/17/2013 21:15	2.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #9 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 15,356' Perforated Intervals: 15,325-15,327 / 15,265-15,257 / 15,205-15,207 / 15,145-15,147 / 15,085-15,087 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5,400 psi. Line Speed 290 ft/min</p> <p>Used 280 bbls LTR Total 85,485 Bbls</p>
12/17/2013 21:15	12/18/2013 04:15	7	COMPL	Other operations	OTHR	WSI pending ops on 1H and 3H
12/18/2013 04:15	12/18/2013 06:00	1.75	COMPL	Other operations	OTHR	Currently Fracing Stage #9 @ report time.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 21 Daily Operation: 12/18/2013 06:00 - 12/19/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 117	Days on Location (days) 21	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 9 thru 11
Perf Stages 10 thru 12

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 103,776 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 103,776 bbls

TSIF: 3,578,250 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/18/2013 06:00	12/18/2013 07:30	1.5	COMPL	Frac	STIM	<p>Frac Stage # 9 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 36 bbls. 15% HCL 37,750 # 100 MESH / 314,127 # 40/70 Brady/ 9,058 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/ 5,259 PSI</p> <p>Stepdown: @ 80 BPM/6,926 PSI @ 60 BPM/5,772 PSI @ 40 BPM/4,860 PSI @ 20 BPM/4,062 PSI</p> <p>Pad ISIP: 3,448 PSI / 5 Min: 3,139 PSI</p> <p>Avg rate: 80.4 BPM Avg PSI: 7,309 psi Max rate: 81.5 BPM Max PSI: 8,452</p> <p>ISIP: 3,278 PSI FG ..847</p> <p>FTR: 85,205 BBLS SIF: 351,877 # TOTAL SIF: 2,902,931 #</p>
12/18/2013 07:30	12/18/2013 09:00	1.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #10 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 15,356' Perforated Intervals: 15,325-15,327 / 15,265-15,257 / 15,205-15,207 / 15,145-15,147 / 15,085-15,087 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5,400 psi. Line Speed 290 ft/min</p> <p>Used 280 bbls LTR Total 85,485 Bbls</p>
12/18/2013 09:00	12/18/2013 14:00	5	COMPL	Other operations	OTHR	Frac 3H & 1H-WSI

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/18/2013 14:00	12/18/2013 16:30	2.5	COMPL	Frac	STIM	<p>Frac Stage # 10 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 36 bbls. 15% HCL 34,835 # 100 MESH / 316,622 # 40/70 Brady/ 8,867 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/5,218 PSI</p> <p>Stepdown: @ 80 BPM/7,910 PSI @ 60 BPM/6,270 PSI @ 40 BPM/5,090 PSI @ 20 BPM/4,111 PSI</p> <p>Pad ISIP: 3,329 PSI / 5 Min: 2,765 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,944 psi Max rate: 81 BPM Max PSI: 7,556 psi</p> <p>ISIP: 3,399 PSI FG .863</p> <p>FTR: 94,352 BBLS SIF: 351,457 # TOTAL SIF: 3,254,388 #</p>
12/18/2013 16:30	12/18/2013 18:15	1.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #11 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 15,154' Perforated Intervals: 15,125-15,127 / 15,065-15,057 / 15,005-15,007 / 14,945-14,947 / 14,885-14,883 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5,400 psi. Line Speed 290 ft/min</p> <p>Used 298 bbls LTR Total 94,650 Bbls</p>
12/18/2013 18:15	12/18/2013 23:15	5	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H
12/18/2013 23:15	12/19/2013 01:30	2.25	COMPL	Frac	STIM	<p>Frac Stage # 11 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 59 bbls. 15% HCL 37,697 # 100 MESH / 286,165 # 40/70 Brady/ 8,870 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 12 BPM/ 4,597 PSI</p> <p>Shutdown: @ 80 BPM/ 6,815 PSI @ 60 BPM/ 5,680 PSI @ 40 BPM/ 4,882 PSI @ 20 BPM/ 4,119 PSI</p> <p>Pad ISIP: 3,477 PSI / 5 Min: 3,244 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,922 Max rate: 81.0 BPM Max PSI: 7,436</p> <p>ISIP: 3,348 PSI FG .85</p> <p>FTR: 103,520 BBLS SIF: 323,862 # TOTAL SIF: 3,578,250 #</p> <p>Note- Ran out of sand 26,000 lbs early due to a miscalculation on PPS's part and the blender pumping heavy on sand.</p>

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/19/2013 01:30	12/19/2013 04:00	2.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #12 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 14,756' Perforated Intervals: 14,727-14,725 / 14,667-14,665 / 14,607-14,605 / 14,547-14,545 / 14,487-14,485 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,800 psi. Line Speed 270 ft/min Used 256 bbls LTR Total 103,776 Bbls
12/19/2013 04:00	12/19/2013 06:00	2	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H at report time.

Report #: 22 Daily Operation: 12/19/2013 06:00 - 12/20/2013 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 118	Days on Location (days) 22	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary

Frac Stages 12 thru 13
Perf Stages 13 thru 14

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 5.35 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 122,898 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 122,898 bbls

TSIF: 4,282,668 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/19/2013 06:00	12/19/2013 14:00	8	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/19/2013 14:00	12/19/2013 16:30	2.5	COMPL	Frac	STIM	<p>Frac Stage # 12 of 33. Test stack to 9,500 PSI , Frac perms as proposed w/ 18 bbls. 15% HCL 35,914 # 100 MESH / 316,179 # 40/70 Brady/ 9,967 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/ 4,698 PSI</p> <p>Shutdown: @ 80 BPM/6,953 PSI @ 60 BPM/5,733 PSI @ 40 BPM/4,728 PSI @ 20 BPM/3,920 PSI</p> <p>Pad ISIP: 3,373 PSI / 5 Min: 2,687 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 7,314 Max rate: 82 BPM Max PSI: 8,883</p> <p>ISIP: 3,024 PSI FG .82</p> <p>FTR: 9,967 BBLS SIF: 352,093 # TOTAL SIF: 3,930,343 #</p> <p>During 1.75# sand stage pressure begab to increase so 1.75# sand was held. Pressure continued to increase up to 8,883 psi then began to slowly fall. Sand was then increased to 2.00# for the remainder of the stage.</p>
12/19/2013 16:30	12/19/2013 18:15	1.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #13 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 14,456' Perforated Intervals: 14,427-14,425 / 14,367-14,365 / 14,307-14,305 / 14,247-14,245 / 14,187-14,185 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5,800 psi. Line Speed 280 ft/min</p> <p>Used 241 bbls LTR Total 113,984 Bbls</p>
12/19/2013 18:15	12/20/2013 00:15	6	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H
12/20/2013 00:15	12/20/2013 02:30	2.25	COMPL	Frac	STIM	<p>Frac Stage # 13 of 31. Test stack to 9,500 PSI , Frac perms as proposed w/ 46 bbls. 15% HCL 37,439 # 100 MESH / 314,886 # 40/70 Brady/ 8,687 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4,623 PSI</p> <p>Shutdown: @ 80 BPM/ 6,485 PSI @ 60 BPM/ 5,509 PSI @ 40 BPM/ 4,696 PSI @ 20 BPM/ 3,976 PSI</p> <p>Pad ISIP: 3,492 PSI / 5 Min: 3,223 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,462 Max rate: 81.0 BPM Max PSI: 7,300</p> <p>ISIP: 3,391 PSI FG .86</p> <p>FTR: 122,671 BBLS SIF: 352,325 # TOTAL SIF: 4,282,668 #</p>

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/20/2013 02:30	12/20/2013 04:30	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #14 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 14,156' Perforated Intervals: 14,127-14,125 / 14,067-14,065 / 14,007-14,005 / 13,947-13,945 / 13,887-13,885 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,550 psi. Line Speed 280 ft/min Used 227 bbls LTR Total 122,898 Bbls
12/20/2013 04:30	12/20/2013 06:00	1.5	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H at report time

Report #: 23 Daily Operation: 12/20/2013 06:00 - 12/21/2013 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 119	Days on Location (days) 23	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary

Frac Stages 14 thru 15
Perf Stages 15 thru 16

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 2.00 Hrs Cum 7.35 Hrs
E&P Down Time: 0.00 Hrs Cum 0.00 Hrs
Select Down Time: 0.00 Hrs Cum 0.00 Hrs

FTR: 142,183 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 142,183 bbls

TSIF: 4,987,386 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/20/2013 06:00	12/20/2013 09:30	3.5	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H
12/20/2013 09:30	12/20/2013 11:45	2.25	COMPL	Frac	STIM	Frac Stage # 14 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 36 bbls. 15% HCL 35,547 # 100 MESH / 317,032 # 40/70 Brady/ 9,078 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 20 BPM/ 5,285 PSI Shutdown: @ 80 BPM/6,791 PSI @ 60 BPM/5,609 PSI @ 40 BPM/4,635 PSI @ 20 BPM/3,878 PSI Pad ISIP: 3,302 PSI / 5 Min: 2,782 PSI Avg rate: 80 BPM Avg PSI: 6,753 Max rate: 81 BPM Max PSI: 8,851 ISIP: 3,442 PSI FG .87 FTR: 9,078 BBLS SIF: 352,579 # TOTAL SIF: 4,635,247 #
12/20/2013 11:45	12/20/2013 15:30	3.75	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/20/2013 15:30	12/20/2013 17:00	1.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #15 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 13,856' Perforated Intervals: 13,827-13,825 / 13,767-13,765 / 13,707-13,705 / 13,647-13,645 / 13,587-13,585 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,200 psi. Line Speed 300 ft/min Used 217 bbls LTR Total 132,193 Bbls
12/20/2013 17:00	12/20/2013 20:15	3.25	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H
12/20/2013 20:15	12/20/2013 22:00	1.75	COMPL_UNPLN D	Unplanned time due to PXD pumping services`	U_PEPX D	Stage 15 Frac-Had to shut down during the .5# 100 Mesh sand stage due to wet sand. Unable to load the screws. Will continue with the frac once the screws have been cleaned out. Shut down @ 20:58
12/20/2013 22:00	12/20/2013 23:45	1.75	COMPL	Frac	STIM	Frac Stage # 15 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 48 bbls. 15% HCL 22,506 # 100 MESH / 317,133 # 40/70 Brady/ 9,764 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4,310 PSI Shutdown: @ 80 BPM/ 6,266 PSI @ 60 BPM/ 5,322 PSI @ 40 BPM/ 4,467 PSI @ 20 BPM/ 3,765 PSI Pad ISIP: 3,422 PSI / 5 Min: 3,194 PSI Avg rate: 79 BPM Avg PSI: 6,528 Max rate: 80.0 BPM Max PSI: 7,254 ISIP: 3,094 PSI FG .79 FTR: 141,957 BBLS SIF: 352,139 # TOTAL SIF: 4,987,386 # Note- Had to shut down during the .5# 100 Mesh sand stage due to wet sand. Unable to load the screws. Will continue with the frac once the screws have been cleaned out. Shut down @ 20:58
12/20/2013 23:45	12/21/2013 02:00	2.25	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #16 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 13,556' Perforated Intervals: 13,527-13,525 / 13,467-13,465 / 13,407-13,405 / 13,347-13,345 / 13,287-13,285 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,575 psi. Line Speed 280 ft/min Used 226 bbls LTR Total 142,183 Bbls
12/21/2013 02:00	12/21/2013 06:00	4	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H at rept time

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 24 Daily Operation: 12/21/2013 06:00 - 12/22/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 120	Days on Location (days) 24	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 16 thru 17
Perf Stages 17 thru 18

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 2.45 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 160,469 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 160,469 bbls

TSIF: 5,689,555 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/21/2013 06:00	12/21/2013 07:45	1.75	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H.
12/21/2013 07:45	12/21/2013 10:00	2.25	COMPL	Frac	STIM	<p>Frac Stage # 16 of 33. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL 36,363 # 100 MESH / 314,391 # 40/70 Brady/ 9,212 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5,512 PSI</p> <p>Shutdown: @ 80 BPM/6,308 PSI @ 60 BPM/5,335 PSI @ 40 BPM/4,538 PSI @ 20 BPM/3,934 PSI</p> <p>Pad ISIP: 3,439 PSI / 5 Min: 2,880 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,396 Max rate: 80.0 BPM Max PSI: 7,079</p> <p>ISIP: 3,427 PSI FG .83</p> <p>FTR: 9,212 BBLS SIF: 350,754 # TOTAL SIF: 5,338,140 #</p>
12/21/2013 10:00	12/21/2013 12:00	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #17 of 31. RIH & pumped down w/Baker CFP & 5 - 3-1/8" guns, set CFP @ 13,256' Perforated Intervals: 13,227-13,225 / 13,167-13,165 / 13,107-13,105 / 13,047-13,045 / 12,987-12,985 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 6,000 psi. Line Speed 300 ft/min</p> <p>Used 207 bbls LTR Total 151,602 Bbls</p>
12/21/2013 12:00	12/21/2013 19:30	7.5	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H.
12/21/2013 19:30	12/21/2013 22:15	2.75	COMPL	Required pump maintenance for zipper frac equipmem	ZPM	Waited on the sand trucks to finish unloading and waited on PPS to swap out a frac pump due to a cracked fluid end and repack another.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/21/2013 22:15	12/22/2013 00:30	2.25	COMPL	Frac	STIM	Frac Stage # 17 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 43 bbls. 15% HCL 37,547 # 100 MESH / 313868 # 40/70 Brady/ 8654 BBLs Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 5028 PSI Shutdown: @ 80 BPM/6169 PSI @ 60 BPM/5176 PSI @ 40 BPM/4452 PSI @ 20 BPM/3824 PSI Pad ISIP: 3412 PSI / 5 Min: 3053 PSI Avg rate: 77 BPM Avg PSI: 6150 Max rate: 80.0 BPM Max PSI: 6625 ISIP: 3199 PSI FG .84 FTR: 160256 BBLs SIF: 351414 # TOTAL SIF: 5,689,555 #
12/22/2013 00:30	12/22/2013 02:30	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #18 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 12,956' Perforated Intervals: 12,927-12,925 / 12,867-12,865 / 12,807-12,805 / 12,747-12,745 / 12,687-12,685 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,225 psi. Line Speed 290 ft/min Used 213 bbls LTR Total 160,469 Bbls
12/22/2013 02:30	12/22/2013 06:00	3.5	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H.at report time.

Report #: 25 Daily Operation: 12/22/2013 06:00 - 12/23/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 121	Days on Location (days) 25	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 18 thru 19
Perf Stages 19 thru 20

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 178,246 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 178,246 bbls

TSIF: 6,393,386 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/22/2013 06:00	12/22/2013 08:45	2.75	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/22/2013 08:45	12/22/2013 10:45	2	COMPL	Frac	STIM	<p>Frac Stage # 18 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ XX bbls. 15% HCL 39,540 # 100 MESH / 311,541 # 40/70 Brady/ 8,792 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4,445 PSI</p> <p>Shutdown: @ 80 BPM/6,199 PSI @ 60 BPM/5,186 PSI @ 40 BPM/4,415 PSI @ 20 BPM/3,830 PSI</p> <p>Pad ISIP: 3,341 PSI / 5 Min: 2,749 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,244 Max rate: 81 BPM Max PSI: 7,015</p> <p>ISIP: 3,171 PSI FG .83</p> <p>FTR: 8,792 BBLS SIF: 351,081 # TOTAL SIF: 6,040,636 #</p>
12/22/2013 10:45	12/22/2013 12:30	1.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #19 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 12,656' Perforated Intervals: 12,627-12,625 / 12,567-12,565 / 12,507-12,505 / 12,447-12,445 / 12,387-12,385 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 16 bpm / 6,000 psi. Line Speed 300 ft/min</p> <p>Used 198 bbls LTR Total 169,459 Bbls</p>
12/22/2013 12:30	12/22/2013 18:45	6.25	COMPL	Other operations	OTHR	WSI,Waited on frac ops on the 3H and 1H.
12/22/2013 18:45	12/22/2013 20:45	2	COMPL	Frac	STIM	<p>Frac Stage # 19 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 37 bbls. 15% HCL 38178 # 100 MESH / 314572 # 40/70 Brady/ 8612 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4533 PSI</p> <p>Shutdown: @ 80 BPM/6515 PSI @ 60 BPM/5413 PSI @ 40 BPM/4584 PSI @ 20 BPM/3935 PSI</p> <p>Pad ISIP: 3421 PSI / 5 Min: 3097 PSI</p> <p>Avg rate: 79 BPM Avg PSI: 6152 Max rate: 80.0 BPM Max PSI: 6713</p> <p>ISIP: 3056 PSI FG .82</p> <p>FTR: 178,071 BBLS SIF: 352,750 # TOTAL SIF: 6,393,286 #</p>

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/22/2013 20:45	12/22/2013 22:30	1.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #20 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 12,356' Perforated Intervals: 12,327-12,325 / 12,267-12,265 / 12,207-12,205 / 12,147-12,145 / 12,087-12,085 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,250 psi. Line Speed 320 ft/min Used 175 bbls LTR Total 178,246 Bbls
12/22/2013 22:30	12/23/2013 06:00	7.5	COMPL	Other operations	OTHR	WSI, Waiting on Frac OPS on the 3H and 1H at report time.

Report #: 26 Daily Operation: 12/23/2013 06:00 - 12/24/2013 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 122	Days on Location (days) 26	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary

Frac Stages 20

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Wellhead shut in and secured. Will resume frac and wireline operations @ 06:00 12/27/2013

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 187,185 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 187,185 bbls

TSIF: 6,777,047 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/23/2013 06:00	12/23/2013 08:30	2.5	COMPL	Other operations	OTHR	WSI, Waited on frac ops on the 3H and 1H.
12/23/2013 08:30	12/23/2013 10:30	2				Frac Stage 20 of 33. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL 36,542 # 100 MESH / 314,676 # 40/70 Brady/ 8,772 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4,468 PSI Shutdown: @ 80 BPM/6,109 PSI @ 60 BPM/5,220 PSI @ 40 BPM/4,464 PSI @ 20 BPM/3,849 PSI Pad ISIP: 3,400 PSI / 5 Min: 2,786 PSI Avg rate: 72 BPM Avg PSI: 5,807 Max rate: 81 BPM Max PSI: 7,890 ISIP: 3,169 PSI FG .83 FTR: 8,772 BBLS SIF: 351,218 # TOTAL SIF: 6,744,604 #

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/23/2013 10:30	12/23/2013 12:30	2				RU E&P WL for stage #21 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 12,056' Perforated Intervals: 12,027-12,025 / 11,967-11,965 / 11,907-11,905 / 11,847-11,845 / 11,787-11,785 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,100 psi. Line Speed 300 ft/min Used 167 bbls LTR Total 187,185 Bbls
12/23/2013 12:30	12/24/2013 06:00	17.5				Well shut in and secured. Will resume frac and wireline operations @ 06:00 12/27/2013.

Report #: 27 Daily Operation: 12/24/2013 06:00 - 12/25/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 123	Days on Location (days) 27	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

No Activity. Shutdown for Holidays.

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 187,185 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 187,185 bbls

TSIF: 6,777,047 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/24/2013 06:00	12/25/2013 06:00	24	COMPL	Other operations	OTHR	Well shut in and secured. Will resume frac and wireline operations @ 06:00 12/27/2013.

Report #: 28 Daily Operation: 12/25/2013 06:00 - 12/26/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 124	Days on Location (days) 28	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

No Activity. Shutdown for Holidays.

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 187,185 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 187,185 bbls

TSIF: 6,777,047 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/25/2013 06:00	12/26/2013 06:00	24	COMPL	Other operations	OTHR	Well shut in and secured. Will resume frac and wireline operations @ 06:00 12/27/2013.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 29 Daily Operation: 12/26/2013 06:00 - 12/27/2013 06:00

Job Category ORIG COMPLETION				Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 125	Days on Location (days) 29	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

No Activity. Shutdown for Holidays.

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 187,185 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 187,185 bbls

TSIF: 6,777,047 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/26/2013 06:00	12/27/2013 06:00	24	COMPL	Other operations	OTHR	Well shut in and secured. Will resume frac and wireline operations @ 06:00 12/27/2013.

Report #: 30 Daily Operation: 12/27/2013 06:00 - 12/28/2013 06:00

Job Category ORIG COMPLETION				Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 126	Days on Location (days) 30	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 21, 22
Perf Stages 22, 23

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 206,402 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 206,402 bbls

TSIF: 7,446,456 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/27/2013 06:00	12/27/2013 11:30	5.5	COMPL	Other operations	OTHR	Wait for frac on 1H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/27/2013 11:30	12/27/2013 14:00	2.5	COMPL	Frac	STIM	<p>Frac Stage # 21 of 33. Test stack to 9,500 PSI , Frac perfs as proposed W/ 40 bbls. 15% HCL 36,535 # 100 MESH / 313,857 # 40/70 Brady/ 10,209 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4885 PSI</p> <p>Shutdown: @ 80 BPM/6630 PSI @ 60 BPM/5850 PSI @ 40 BPM/4966 PSI @ 20 BPM/4153 PSI</p> <p>Pad ISIP: 3426 PSI / 5 Min: 3017 PSI FG:.86</p> <p>Avg rate: 80 BPM Avg PSI: 6808 PSI Max rate: 81.0 BPM Max PSI: 8776 PSI</p> <p>ISIP:3471 PSI FG .87</p> <p>FTR: 10,209 BBLS SIF: 350,392 lbs TLTR: 197,394 BBLS TSIF: 7,094,966 LBS</p>
12/27/2013 14:00	12/27/2013 16:00	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #22 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 11,756' Perforated Intervals: 11,727-11,725 / 11,667-11,665 / 11,607-11,605 / 11,547-11,545 / 11,487-11,485 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5400 psi. Line Speed 290 ft/min</p> <p>Used 154 bbls LTR Total 197,548 Bbls</p>
12/27/2013 16:00	12/27/2013 21:30	5.5	COMPL	Other operations	OTHR	Wait on Fracs on 3H & 1H.
12/27/2013 21:30	12/27/2013 23:30	2	COMPL	Frac	STIM	<p>Frac Stage # 22 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 20 bbls. 15% HCL 37,468 # 100 MESH / 313,992 # 40/70 Brady/ 8,716 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5,182 PSI</p> <p>Shutdown: @ 80 BPM/6,969 PSI @ 60 BPM/5,950 PSI @ 40 BPM/5,108 PSI @ 20 BPM/4,270 PSI</p> <p>Pad ISIP: 3,456 PSI / 5 Min: 3,122 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 6,527 Max rate: 82 BPM Max PSI: 8,183</p> <p>ISIP: 3,105 PSI FG .83</p> <p>FTR: 8,716 BBLS SIF: 351,460 # TOTAL SIF: 7,446,456 #</p>

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/27/2013 23:30	12/28/2013 01:30	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #23 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 11,456' Perforated Intervals: 11,427-11,425 / 11,367-11,365 / 11,307-11,305 / 11,247-11,245 / 11,187-11,185 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 4,900 psi. Line Speed 300 ft/min Used 138 bbls LTR Total 206,402 Bbls
12/28/2013 01:30	12/28/2013 06:00	4.5	COMPL	Other operations	OTHR	Wait on Fracs on 3H & 1H.

Report #: 31 Daily Operation: 12/28/2013 06:00 - 12/29/2013 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 127	Days on Location (days) 31	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary

Frac Stages 23, 24
Perf Stages 24, 25

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 224,498 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 224,498 bbls

TSIF: 8,148,839 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/28/2013 06:00	12/28/2013 07:45	1.75	COMPL	Other operations	OTHR	Wait on Fracs on 1H & 3H
12/28/2013 07:45	12/28/2013 10:00	2.25	COMPL	Frac	STIM	Frac Stage # 23 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 39 bbls. 15% HCL 36,624 # 100 MESH / 314,953 # 30/50 Brady/ 8680 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4473 PSI Shutdown: @ 80 BPM/6155 PSI @ 60 BPM/5220 PSI @ 40 BPM/4551 PSI @ 20 BPM/3898 PSI Pad ISIP: 3502 PSI / 5 Min: 3175 PSI / FG: .87 Avg rate: 80 BPM Avg PSI: 6148 Max rate: 81.0 BPM Max PSI: 6934 ISIP: 3275 PSI FG .86 FTR: 8680 BBLS SIF: 351,577 # TOTAL SIF: 7,798,033 #

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/28/2013 10:00	12/28/2013 12:00	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #24 of 33. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 11,156' Perforated Intervals: 11,125/11,127' – 11,065/11,067' - 11,005/11,007'- 10,945/ 10,947'- 10,885/ 10,887' w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL. Pump Down @ 15 bpm / 5350 psi. Line Speed 300 ft/min Used 124 bbls FTR Total 215,206 Bbls
12/28/2013 12:00	12/28/2013 17:45	5.75	COMPL	Other operations	OTHR	Wait on Fracs on 1H & 3H.
12/28/2013 17:45	12/28/2013 19:45	2	COMPL	Frac	STIM	Frac Stage # 24 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL 37,694 # 100 MESH / 313,112 # 40/70 Brady/ 9,199 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4,726 PSI Shutdown: @ 80 BPM/6,301 PSI @ 60 BPM/5,506 PSI @ 40 BPM/4,751 PSI @ 20 BPM/4,062 PSI Pad ISIP: 3,541 PSI / 5 Min: 2,887 PSI Avg rate: 80 BPM Avg PSI: 6,271 Max rate: 81 BPM Max PSI: 7,368 ISIP: 3,546 PSI FG .84 FTR: 9,199 BBLS SIF: 350,806 # TOTAL SIF: 8,148,839 #
12/28/2013 19:45	12/28/2013 22:15	2.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #25 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 10,856' Perforated Intervals: 10,827-10,825 / 10,767-10,765 / 10,707-10,705 / 10,647-10,645 / 10,587-10,585 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5,150 psi. Line Speed 300 ft/min Used 93 bbls LTR Total 224,498 Bbls
12/28/2013 22:15	12/29/2013 06:00	7.75	COMPL	Other operations	OTHR	Wait on Fracs on 1H & 3H

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 32 Daily Operation: 12/29/2013 06:00 - 12/30/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777	
Days From Spud (days) 128	Days on Location (days) 32	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T		

Operations Summary

Frac Stages 25, 26
Perf Stages 26, 27

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 10.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 242,064 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 242,064 bbls

TSIF: 8,841,233 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/29/2013 06:00	12/29/2013 08:00	2	COMPL	Other operations	OTHR	Wait on fracs on 1H & 3H.
12/29/2013 08:00	12/29/2013 10:15	2.25	COMPL	Frac	STIM	<p>Frac Stage # 25 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 48 bbls. 15% HCL 38,312 # 100 MESH / 350,478 # 40/70 Brady/ 8808 BBLs Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4534 PSI</p> <p>Shutdown: @ 80 BPM/ 5934 PSI @ 60 BPM/ 5145 PSI @ 40 BPM/ 4465 PSI @ 20 BPM/ 3863 PSI</p> <p>Pad ISIP: 3450 PSI / 5 Min: 3114 PSI FG: .87</p> <p>Avg rate: 79.2 BPM Avg PSI: 5810 Max rate: 81.0 BPM Max PSI: 6619</p> <p>ISIP: 3312 PSI FG .85</p> <p>FTR: 8808 BBLs SIF: 350,478 # TOTAL SIF: 8,499,312 #</p>
12/29/2013 10:15	12/29/2013 12:15	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #26 of 31. RIH & pumped down w/Baker CFP & 5 - 3-1/8" guns, set CFP @ 10,556' Perforated Intervals: 10,527-10,525 / 10,467-10,465 / 10,407-10,405 / 10,347-10,345 / 10,287-10,285 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 5000 psi. Line Speed 300 ft/min</p> <p>Used 86 bbls LTR Total 233,392 Bbls</p>
12/29/2013 12:15	12/29/2013 17:30	5.25	COMPL	Other operations	OTHR	Wait on Frac on 3H & 1H.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/29/2013 17:30	12/29/2013 20:15	2.75	COMPL	Frac	STIM	Frac Stage # 26 of 33. Test stack to 9,500 PSI , Frac perms as proposed W/ 18 bbls. 15% HCL 38,125 # 100 MESH / 303,791 # 40/70 Brady/ 8,577 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4,006 PSI Shutdown: @ 80 BPM/5,630 PSI @ 60 BPM/4,895 PSI @ 40 BPM/4,244 PSI @ 20 BPM/3,744 PSI Pad ISIP: 3,405 PSI / 5 Min: 2,473 PSI Avg rate: 80 BPM Avg PSI: 6,039 Max rate: 83 BPM Max PSI: 6,562 ISIP: 3,177 PSI FG .84 FTR: 8,577 BBLS SIF: 341,916 # TOTAL SIF: 8,841,233 #
12/29/2013 20:15	12/29/2013 21:45	1.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #27 of 33. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 10,256' Perforated Intervals: 10,227-10,225 / 10,167-10,165 / 10,107-10,105 / 10,047-10,045 / 9987-9985' w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL. Pump Down @ 15 bpm / 5900 psi. Line Speed 300 ft/min Used 95 bbls FTR Total 242,064 Bbls
12/29/2013 21:45	12/30/2013 06:00	8.25	COMPL	Other operations	OTHR	Wait on Frac on 3H & 1H.

Report #: 33 Daily Operation: 12/30/2013 06:00 - 12/31/2013 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 129	Days on Location (days) 33	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 27, 28
Perf Stages 28

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 24.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 259,647 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 259,647 bbls

TSIF: 9,543,525 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/30/2013 06:00	12/30/2013 07:45	1.75	COMPL_UNPLN D	Any wait time associated to waiting on proppant	U_WOP	Waiting on 1 Load 20/40.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/30/2013 07:45	12/30/2013 10:00	2.25	COMPL	Frac	STIM	<p>Frac Stage # 27 of 33. Test stack to 9,500 PSI , Frac perfs as proposed W/ 65 bbls. 15% HCL 38,090 # 100 MESH / 312,894 # 30/50 Brady/ 8758 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4177 PSI</p> <p>Shutdown: @ 80 BPM/6529 PSI @ 60 BPM/5326 PSI @ 40 BPM/4362 PSI @ 20 BPM/3695 PSI</p> <p>Pad ISIP: 3385 PSI / 5 Min: 3017 PSI FG: .86</p> <p>Avg rate: 79.5 BPM Avg PSI: 5755 Max rate: 82.0 BPM Max PSI: 6607</p> <p>ISIP: 3138 PSI FG .83</p> <p>FTR: 8758 BBLS SIF: 350,984 # TOTAL SIF: 9,192,217 #</p>
12/30/2013 10:00	12/30/2013 12:00	2	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #28 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 9956' Perforated Intervals: 9927-9925 / 9867-9865 / 9807-9805 / 9747-9745 / 9687-9685 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL</p> <p>Pump Down @ 15 bpm / 4800 psi. Line Speed 300 ft/min</p> <p>Used 74 bbls LTR Total 250,896 Bbls</p>
12/30/2013 12:00	12/30/2013 19:00	7	COMPL	Other operations	OTHR	Wait on Frac on 3H & 1H.
12/30/2013 19:00	12/31/2013 02:45	7.75	COMPL_UNPLN D	Unplanned time due to PXD pumping services`	U_PEPX D	Downtime due to Pioneer having to iron washed out. No replacement iron on location. Iron was transported from yard in Midland.
12/31/2013 02:45	12/31/2013 04:45	2	COMPL	Frac	STIM	<p>Frac Stage # 28 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL 39,347 # 100 MESH / 311,961 # 40/70 Brady/ 8,753 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 3,921 PSI</p> <p>Shutdown: @ 80 BPM/5,693 PSI @ 60 BPM/4,851 PSI @ 40 BPM/4,191 PSI @ 20 BPM/3,698 PSI</p> <p>Pad ISIP: 3,305 PSI / 5 Min: 2,500 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 5,769 Max rate: 81 BPM Max PSI: 6,161</p> <p>ISIP: 3,359 PSI FG .86</p> <p>FTR: 8,753 BBLS SIF: 351,308 # TOTAL SIF: 9,543,525 #</p>
12/31/2013 04:45	12/31/2013 06:00	1.25	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	P/P Stage 29 at time of report

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 34 Daily Operation: 12/31/2013 06:00 - 1/1/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
130	34	-22.0			PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 29, 30
Perf Stages 29, 30

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 24.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 277,145 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 277,145 bbls

TSIF: 10,246,351 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/31/2013 06:00	12/31/2013 07:00	1	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #29 of 31. RIH & pumped down w/Baker CFP & 5 - 3-1/8" guns, set CFP @ 9656' Perforated Intervals: 9627-9625 / 9567-9565 / 9507-9505 / 9447-9445 / 9387-9385 w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL Pump Down @ 15 bpm / 5100 psi. Line Speed 300 ft/min Used 58 bbls LTR Total 259,705 Bbls
12/31/2013 07:00	12/31/2013 13:45	6.75	COMPL	Other operations	OTHR	Wait on Frac on 1H & 3H.
12/31/2013 13:45	12/31/2013 15:45	2	COMPL_UNPLN D	Unplanned time due to PXD pumping services`	U_PEPX D	Unplanned pump maintenance
12/31/2013 15:45	12/31/2013 18:00	2.25	COMPL	Frac	STIM	Frac Stage # 29 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 36 bbls. 15% HCL 37,859 # 100 MESH / 313,317 # 30/50 Brady/ 8,615 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 3854 PSI Shutdown: @ 80 BPM/5373 PSI @ 60 BPM/4705 PSI @ 40 BPM/4142 PSI @ 20 BPM/3640 PSI Pad ISIP: 3279 PSI / 5 Min: 2906 PSI FG: .85 Avg rate: 80 BPM Avg PSI: 5,145 Max rate: 81 BPM Max PSI: 5,960 ISIP: 3,240 PSI FG .84 FTR: 8,615 BBLS SIF: 351,176 # TOTAL SIF: 9,894,701 #

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
12/31/2013 18:00	12/31/2013 21:00	3	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	<p>RU E&P WL for stage #30 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 9356' Perforated Intervals: 9327-9325 / 9267-9265 / 9207-9205 / 9147-9145 / 9087-9085' w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL.</p> <p>Pump Down @ 15 bpm / 5,000 psi. Line Speed 300 ft/min</p> <p>Used 80 bbls FTR Total 268,400 Bbls</p> <p>During P/P for Stage 29 plug did not set. POOH and changed out tool string. Upon investigation it was a bad BP3 was the cause of the problem. New tool string was RIH with no further problems.</p>
12/31/2013 21:00	1/1/2014 03:30	6.5	COMPL	Other operations	OTHR	Wait on Frac on 1H & 3H.
1/1/2014 03:30	1/1/2014 05:30	2	COMPL	Frac	STIM	<p>Frac Stage # 30 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL 37,387 # 100 MESH / 314,263 # 40/70 Brady/ 8,745 BBLS Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 3,784 PSI</p> <p>Shutdown: @ 80 BPM/5,625 PSI @ 60 BPM/4,852 PSI @ 40 BPM/4,212 PSI @ 20 BPM/3,730 PSI</p> <p>Pad ISIP: 3,325 PSI / 5 Min: 2,617 PSI</p> <p>Avg rate: 80 BPM Avg PSI: 5,790 Max rate: 81 BPM Max PSI: 6,201</p> <p>ISIP: 3,749 PSI FG .90</p> <p>FTR: 8,745 BBLS SIF: 351,650 # TOTAL SIF: 9,894,701 #</p>
1/1/2014 05:30	1/1/2014 06:00	0.5	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RIH to P/P Stage 31 at time of reports

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 35 Daily Operation: 1/1/2014 06:00 - 1/2/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 131	Days on Location (days) 35	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T

Operations Summary
Start Frac Stages 31
Perf Stages 31

Ran chemicals on all stages with Pro Technics
Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 24.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 277,170 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 277,170 bbls

TSIF: 10,246,351 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/1/2014 06:00	1/1/2014 06:15	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Communications
1/1/2014 06:15	1/1/2014 08:00	1.75	COMPL	RIH w/WL, set plug and perf, POOH w/WL	PERF	RU E&P WL for stage #31 of 31. RIH & pumped down w/Baker CFP & 5 – 3-1/8" guns, set CFP @ 9056' Perforated Intervals: 9027-9025 / 8967-8965 / 8907-8905 / 8847-8845 / 8787-8785' w/ 60 deg phased, 19 gram charge, 0.42" EHD perf guns. 40 holes total. POOH, RD WL. Pump Down @ 9 bpm / 3,700 psi. Line Speed 300 ft/min Used 25 bbls FTR Total 277,170 Bbls
1/1/2014 08:00	1/2/2014 03:00	19	COMPL	Other operations	OTHR	Waiting on frac ops. on the #1 and #3
1/2/2014 03:00	1/2/2014 06:00	3	COMPL	Frac	STIM	StartFrac Stage # 31 of 31. Test stack to 9,500 PSI ,

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 36 Daily Operation: 1/2/2014 06:00 - 1/3/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 132	Days on Location (days) 36	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig PIONEER PUMPING SERVICES, P.A.T	

Operations Summary

Frac Stages 31
Set Kill Plug
Waiting on Drillout Operations

Held 1,500 psi on the intermediate casing

Remarks

PPS Down Time: 0.00 Hrs__Cum 24.00 Hrs
E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs
Select Down Time: 0.00 Hrs__Cum 0.00 Hrs

FTR: 286,115 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 286,115 bbls

TSIF: 10,618,578 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/2/2014 06:00	1/2/2014 06:15	0.25	COMPL	Frac	STIM	Frac Stage # 31 of 31. Test stack to 9,500 PSI , Frac perfs as proposed W/ 31 bbls. 15% HCL 36,560 # 100 MESH / 335,667 # 40/70 Brady/ 8,851 BBLS Slickwater fluid, down 5.5' #20 CSG Formation broke @ 15 BPM/ 4003 PSI Shutdown: @ 80 BPM/5475 PSI @ 60 BPM/4816 PSI @ 40 BPM/4224 PSI @ 20 BPM/3692 PSI Pad ISIP: 3,216 PSI / 5 Min: 2,850 PSI Avg rate: 80 BPM Avg PSI: 5579 Max rate: 81 BPM Max PSI: 5,890 ISIP: 3331 PSI FG .85 FTR: 286,115 BBLS SIF: 372,227 # TOTAL SIF: 10,266,928 #
1/2/2014 06:15	1/2/2014 07:45	1.5	COMPL	Other wireline operations	WLOTHR	RU E&P WL to set kill plug. RIH w/Baker CBP, set CBP @ 8713'. POOH, RD WL. Line Speed 300 ft/min
1/2/2014 07:45	1/2/2014 23:00	15.25	COMPL	Other operations	OTHR	Waiting on Frac operations to be completed on 1H & 3H.
1/2/2014 23:00	1/3/2014 06:00	7	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	RDMO Pioneer Frac and Support equipment

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 37 Daily Operation: 1/3/2014 06:00 - 1/4/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 133	Days on Location (days) 37	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary
RDMO PPS frac equipment and all support equipment

Remarks
FTR: 286,115 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 286,115 bbls

TSIF: 10,618,578 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/3/2014 06:00	1/3/2014 18:00	12	MOBILIZATION	RDMO	RDMO	RDMO PPS frac fleet and all support equipment. Priority on location ND goat head and top frac valve.
1/3/2014 18:00	1/4/2014 06:00	12	COMPL	Other operations	OTHR	WSI waiting on Ops on 3H

Report #: 38 Daily Operation: 1/4/2014 06:00 - 1/5/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 134	Days on Location (days) 38	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	

Operations Summary
Waiting on Drillout operations on the 3H

Remarks
FTR: 286,115 bbls

RT: 0000 bbls

CR: 0000 bbls

LTR: 286,115 bbls

TSIF: 10,618,578 lbs

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/4/2014 06:00	1/5/2014 06:00	24	COMPL	Other operations	OTHR	WSI waiting on drillout operations on the 3H.

Report #: 39 Daily Operation: 1/11/2014 15:00 - 1/12/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 141	Days on Location (days) 39	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary
MIRU ESC 239. Nipple up BOP.
Test lines to 3000 psi. Test Good.
RIH W/ Drill Out BHA
Tag Kill plug on Jnt # 293.
Test BOP's. Test Good.
PU power swivel and break circulation.

Remarks
FTR: 286,115 bbls

RT: 0 bbls

CR: 0 bbls

LTR: 286,115 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/11/2014 15:00	1/12/2014 00:00	9	COMPL	Other operations	OTHR	Well shut in waiting on drillout
1/12/2014 00:00	1/12/2014 06:00	6	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	MIRU ESC Rig 239, install BOP's, annular, bird bath, RU flowback lines. Test Lines to 3000 psi. Test Good.
1/12/2014 06:00	1/12/2014 13:00	7	COMPL	Milling plugs	MILL	Start in hole with drill out BHA consisting of 4 5/8" JZ Bit, Bit Sub, Float Sub, 2 3/8" PH6 Jnt., F Nipple.
1/12/2014 13:00	1/12/2014 15:00	2	COMPL	Milling plugs	MILL	Tag Plug #31 on Jnt. 293 (8602') Lay down jnt 293, close BOP's test BOP's to 3000 psi. Test Good. Pick up Power Swivel, and break circulation.

Report #: 40 Daily Operation: 1/12/2014 06:00 - 1/13/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 142	Days on Location (days) 40	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary
Drill CBP
Drill CFP's #30 thru #21
Circulating at report time.

Remarks
FTR: 286,115 bbls

RT: 2,310 bbls
CR: 2,310 bbls

LTR: 283,805 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957
5 full sand boxes on location. 4 from 3H, 1 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/12/2014 06:00	1/12/2014 09:00	3	COMPL	Milling plugs	MILL	Washing down to plug 31. Tag CFP 31 @8740' w/298 jts, CP-1000 PSI @3 BPM, Return Rate @3.5 BPM @500 PSI. Drill time 30 min. Send 10 bbl sweep. RIH to plug 30
1/12/2014 09:00	1/12/2014 10:30	1.5	COMPL	Milling plugs	MILL	Tagged CFP #30 @9065 tbgm w/ jt #309, CP-1000 psi @3 bpm, return rate @600 psi @4 bpm, Drill time-35 mins. Send 10 bbl sweep and circulate. RIH to CFP #29
1/12/2014 10:30	1/12/2014 11:30	1	COMPL	Milling plugs	MILL	Washed down and tagged CFP#29 @9379' w/319 jts. CP-1000 @3 bpm, WHP-400 psi @4 bpm return rate. Drill time 1 hr. Send 10 bbl sweep and circulate. RIH down to CFP#28
1/12/2014 11:30	1/12/2014 13:30	2	CIRC	CIRCULATE	CIRC	Circulating hole clean due to low psi on WHP. WHP down to 300 psi and back up to 450 psi.
1/12/2014 13:30	1/12/2014 14:45	1.25	COMPL	Milling plugs	MILL	RIH to CFP #28. Tagged CFP #28 @9640' tbgm w/328 jts. CP-110 psi @3 bpm, WHP-400 psi @4 bpm return rate. Drill time 40 mins. Send 10 bbl sweep. Circulate and RIH to CFP #27.
1/12/2014 14:45	1/12/2014 16:15	1.5	COMPL	Milling plugs	MILL	Tag and drill Plug #27 @9938' w/339 jts. CP-1100 @3 bpm, WHP-300 psi @4 bpm, Drill time 40 mins, Send 5 bbl sweep. Circulate hole clean
1/12/2014 16:15	1/12/2014 18:15	2	CIRC	CIRCULATE	CIRC	Circulating hole clean and continue to CFP #26
1/12/2014 18:15	1/12/2014 21:45	3.5	COMPL	Milling plugs	MILL	Tag and drill Plug #26 @ 10,240' w/349 jts. CP-1400 @3 bpm, WHP-550 psi @4 bpm, Drill time 44 mins, Send 5 bbl sweep. Circulate hole clean and continue IH
1/12/2014 21:45	1/12/2014 23:15	1.5	COMPL	Milling plugs	MILL	Tag and drill Plug #25 @ 10,544' w/359 jts. CP-1400 @3 bpm, WHP-500 psi @4 bpm, Drill time 21 mins, Send 5 bbl sweep. Circulate hole clean and continue IH

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/12/2014 23:15	1/13/2014 01:15	2	COMPL	Milling plugs	MILL	Tag and drill Plug #24 @ 10,840' w/368 jts. CP-1400 @3 bpm, WHP-550 psi @4 bpm, Drill time 23 mins, Send 5 bbl sweep. Circulate hole clean starting to see traces of oil. Continue IH.
1/13/2014 01:15	1/13/2014 02:45	1.5	COMPL	Milling plugs	MILL	Tag and drill Plug #23 @ 11,140' w/378 jts. CP-1800 @3 bpm, WHP-700 psi @4 bpm, Drill time 20 mins, Send 5 bbl sweep. Circulate hole clean and continue IH.
1/13/2014 02:45	1/13/2014 05:00	2.25	COMPL	Milling plugs	MILL	Tag and drill Plug #22 @ 11,440' w/388 jts. CP-1800 @3 bpm, WHP-550 psi @ 4 bpm, Drill time 16 mins, Send 5 bbl sweep. Circulate hole clean and continue IH.
1/13/2014 05:00	1/13/2014 06:00	1	COMPL	Milling plugs	MILL	Tag and drill Plug #21 @ 11,743' w/397 jnts. CP-2000 @3 bpm, WHP-650 psi @ 4 bpm, Drill time 15 mins, Send 5 bbl sweep. Circulate hole clean and continue IH.

Report #: 41 Daily Operation: 1/13/2014 06:00 - 1/14/2014 06:00

Job Category ORIG COMPLETION	Primary Job Type OCM	AFE Number 027777
Days From Spud (days) 143	Days on Location (days) 41	End Depth (ftGRD) -22.0
End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239

Operations Summary

Drill CFP 20 thru 11

Remarks

FTR: 286,115 bbls

RT: 1864 bbls

CR: 4174 bbls

LTR: 281,941 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

6 full sand boxes on location. 4 from 3H, 2 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/13/2014 06:00	1/13/2014 07:30	1.5	CIRC	CIRCULATE	CIRC	Circulate hole clean
1/13/2014 07:30	1/13/2014 09:30	2	COMPL	Milling plugs	MILL	RIH and Tag CFP #20 @12,065' w/408 jts, CP-1600 psi @3 bpm, WHP-350 psi @4 bpm return rate. Drill time 25 mins, send 5 bbl sweep, wait for sweep to clear end of pipe and RIH to CFP #19
1/13/2014 09:30	1/13/2014 11:00	1.5	COMPL	Milling plugs	MILL	Tag CFP #19 @12,342' w/416 jts. CP-1600 @3 bpm, WHP-300 psi @4 bpm. Drill time 40 mins. 10 bbl sweep and circulate clean
1/13/2014 11:00	1/13/2014 12:30	1.5	CIRC	CIRCULATE	CIRC	Circulate hole clean
1/13/2014 12:30	1/13/2014 14:00	1.5	COMPL	Milling plugs	MILL	RIH to CFP#18 @12,645' w/426 jts. CP-1400 psi @3 bpm, WHP-400 psi @4 bpm return rate. Drill time 50 mins. 10 bbl sweep and circulate.
1/13/2014 14:00	1/13/2014 15:30	1.5	COMPL	Milling plugs	MILL	RIH and tag CFP #17 @12,940' w/jt 436. CP-1400 psi @3 bpm, WHP-650 psi @4 bpm return rate. Drill time 65 mins. Send 10 bbl sweep. Circulate hole
1/13/2014 15:30	1/13/2014 17:30	2	COMPL	Milling plugs	MILL	RIH to CFP #16 and tagged @13,235' w/445 jts. CP-1400 psi @3 bpm, WHP-550 psi @4 bpm. Drill time 35 mins. Send 10 bbl sweep. Circulate hole clean
1/13/2014 17:30	1/13/2014 19:30	2	CIRC	CIRCULATE	CIRC	Circulate hole clean and continue IH to CFP #15.
1/13/2014 19:30	1/13/2014 20:45	1.25	COMPL	Milling plugs	MILL	RIH to CFP #15 and tagged @13,542' w/455 jts. CP-1800 psi @3 bpm, WHP-500 psi @4.5 bpm. Drill time 21 mins. Send 10 bbl sweep. Circulate hole clean
1/13/2014 20:45	1/13/2014 21:45	1	COMPL	Milling plugs	MILL	RIH to CFP #14 and tagged @13,840' w/465 jts. CP-1800 psi @3 bpm, WHP-500 psi @4.5 bpm. Drill time 20 mins. Send 10 bbl sweep. Circulate hole clean
1/13/2014 21:45	1/13/2014 23:45	2	CIRC	CIRCULATE	CIRC	Circulate hole clean and continue IH to CFP #15.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/13/2014 23:45	1/14/2014 01:00	1.25	COMPL	Milling plugs	MILL	RIH to CFP #13 and tagged @ 14,140' w/474 jts. CP-1600 psi @3 bpm, WHP-450 psi @ 4.0 bpm. Drill time 6 mins. Send 10 bbl sweep. Circulate hole clean
1/14/2014 01:00	1/14/2014 02:00	1	COMPL	Milling plugs	MILL	RIH to CFP #12 and tagged @ 14,442' w/484 jts. CP-1800 psi @3 bpm, WHP-500 psi @ 4.0 bpm. Drill time 55 mins. Send 10 bbl sweep. Circulate hole clean
1/14/2014 02:00	1/14/2014 04:00	2	CIRC	CIRCULATE	CIRC	Circulate hole clean and continue IH to CFP #15.
1/14/2014 04:00	1/14/2014 06:00	2	COMPL	Milling plugs	MILL	RIH to CFP #11 and tagged @ 14,140' w/494 jts. CP-1800 psi @3 bpm, WHP-500 psi @ 4.0 bpm. Drill time xx mins. Send 10 bbl sweep. Circulate hole clean

Report #: 42 Daily Operation: 1/14/2014 06:00 - 1/15/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 144	Days on Location (days) 42	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary

Drill CFP 10 thru 2
Washing to CFP #1 @ report time

Remarks

FTR: 286,115 bbls

RT: 1360 bbls
CR: 5534 bbls

LTR: 280,581 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

7 full sand boxes on location. 4 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/14/2014 06:00	1/14/2014 07:00	1	COMPL	Milling plugs	MILL	RIH to CFP #10. Tag CFP #10 @ 15,075' w/503 jts. CP-1600 psi @3 bpm, WHP-600 psi @4 bpm. Drill time 20 mins, Send 5 bbl sweep
1/14/2014 07:00	1/14/2014 08:30	1.5	CIRC	CIRCULATE	CIRC	Circulate hole clean
1/14/2014 08:30	1/14/2014 11:00	2.5	COMPL	Milling plugs	MILL	RIH to CFP #9 @15,356' w/513 jts. CP-1400 psi @3 bpm, WHP-350 psi @4 bpm return rate. Drill time 30 mins, 5 bbl sweep. RIH to CFP #8
1/14/2014 11:00	1/14/2014 11:45	0.75	COMPL	Milling plugs	MILL	RIH to CFP #8 @15,640' w/522 jts. CP-1600 psi @3 bpm, WHP-350 psi @4 bpm return rate. Drill time 0 min. 5 bbl sweep and circulate
1/14/2014 11:45	1/14/2014 13:45	2	CIRC	CIRCULATE	CIRC	Circulate hole clean CP-
1/14/2014 13:45	1/14/2014 15:00	1.25	COMPL	Milling plugs	MILL	RIH to CFP #7 @15,945' w/532 jts. CP-1600 psi @3 bpm, WHP-400 psi @4 bpm return rate. Drill time 35 mins. 5 bbl sweep.
1/14/2014 15:00	1/14/2014 16:45	1.75	COMPL	Milling plugs	MILL	RIH to CFP #6 @16,247' w/542 jts. CP-1400 psi @3 bpm, WHP-350 psi @4 bpm return rate. Drill time 70 mins, 5 bbl sweep. Circulate hole clean
1/14/2014 16:45	1/14/2014 18:45	2	CIRC	CIRCULATE	CIRC	Circulate hole clean before RIH to CFP #5
1/14/2014 18:45	1/14/2014 19:45	1	COMPL	Milling plugs	MILL	RIH to CFP #5 @16,540' w/551 jts. CP-1600 psi @3 bpm, WHP-500 psi @4 bpm return rate. Drill time 35 mins, 5 bbl sweep. Circulate hole clean
1/14/2014 19:45	1/14/2014 20:30	0.75	COMPL	Milling plugs	MILL	RIH to CFP #4 @16,840' w/561 jts. CP-1600 psi @3 bpm, WHP-450 psi @4.2 bpm return rate. Drill time 34 mins, 10 bbl sweep. Circulate hole clean
1/14/2014 20:30	1/14/2014 22:30	2	CIRC	CIRCULATE	CIRC	Circulate 10 bbls 70 vis sweep back to surface.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/14/2014 22:30	1/15/2014 01:00	2.5	COMPL	Milling plugs	MILL	RIH ro CFP #3 @17,142' w/570 jts. CP-1600 psi @3 bpm, WHP-400 psi @4 bpm return rate. Drill time 75 mins, 10 bbl sweep. Circulate hole clean
1/15/2014 01:00	1/15/2014 02:45	1.75	CIRC	CIRCULATE	CIRC	Circulate 10 bbls 70 vis sweep back to surface
1/15/2014 02:45	1/15/2014 05:00	2.25	COMPL	Milling plugs	MILL	RIH ro CFP #2 @17,440' w/580 jts. CP-1600 psi @3.0 bpm, WHP-400 psi @4.0 bpm return rate. Drill time 57 mins, 10 bbl sweep. Circulate hole clean
1/15/2014 05:00	1/15/2014 06:00	1	COMPL	Milling plugs	MILL	Washing to CFP #1 @ report time.

Report #: 43 Daily Operation: 1/15/2014 06:00 - 1/16/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 145	Days on Location (days) 43	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary

PJSM.

Drill CFP #1, Wash to PBTD @ 18,030' (Tubing measurement) w/jnt. # 599. Pump sweeps, circulate wellbore. L/D swivel, TOOH laying down. Set plug in F nipple @7837' and continue POOH to 2937' w/100 jts in hole. Rigging down floor and annular. Ready to rig up snubbing unit.

Remarks

FTR: 286,115 bbls

RT: 2521 bbls

CR: 8055 bbls

LTR: 278060 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/15/2014 06:00	1/15/2014 06:15	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Pre job safety meeting.
1/15/2014 06:15	1/15/2014 07:15	1	COMPL	Milling plugs	MILL	Wash to CFP #1, tag @ 17,740' w/jnt. # 590, Pumping 3.5 bpm/1,800 psi, returning 4.5 bpm/350 psi. WHP 400. Drill time 60 min.
1/15/2014 07:15	1/15/2014 08:15	1	COMPL	Milling plugs	MILL	Wash to PBTD, tag @ 18,030' w/jnt. # 599, 10' in hole. L/D tag jnt. Pump 10 bbl. sweep, 100 bbl. spacer and additional 10 bbl. sweep.
1/15/2014 08:15	1/15/2014 12:00	3.75	CIRC	CIRCULATE	CIRC	Circulate wellbore EOT @ 18,000' jnt. # 598 in hole. pumping 3 bpm/1,600 psi, returning 5 bpm/395 psi, WHP 410, returning light sand before clearing up.
1/15/2014 12:00	1/15/2014 12:30	0.5	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	L/D power swivel & make ready floor for tripping ops.
1/15/2014 12:30	1/15/2014 18:30	6	TRIP OUT HOLE	TOOH	TOOH	TOOH laying down 68 jnts. w/WSI 600 psi, EOT @ 15,893' open well & pump 80 bbls. 10# brine down tubing to control, continue TOOH to 7837' w/268jnts in hole. w/flowing well @ 3 bpm/400 psi. Well started flowing out tbg and shut down to set plug in F nipple.
1/15/2014 18:30	1/15/2014 23:45	5.25	COMPL	Slick line operations, pull PX prong, bailer runs,	SLCK	Rigging up Fesco Slick wireline to set plug in F nipple w/1.5" plug. RIH and set plug @7837'. POOH with slickline and bled pressure off. Started rigging down slickline and tbg started flowing again. Rig slickline back up to pull plug and set 2nd plug @7837'. POOH with slickline and bled pressure off of tbg and plug held. Rig slickline down.
1/15/2014 23:45	1/16/2014 03:15	3.5	TRIP OUT HOLE	TOOH	TOOH	TOOH laying down 2 3/8" WS to 2937' w/100 jts and BHA in hole. Hung tbg off w/TIW valve shut in.
1/16/2014 03:15	1/16/2014 06:00	2.75	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	Start rigging down floor, nipple down annular and birdbath. Nipple up 5 to 10 spool for Snubbing unit.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 44 Daily Operation: 1/16/2014 06:00 - 1/17/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 146	Days on Location (days) 44	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239

Operations Summary

PJSM

R/U Cudd snubbing unit, re-spot catwalk & piperacks. Snub out of hole laying down remaining 100 jnts. RDMO Cudd snubbers. Re-spot catwalk, pipe racks & load w/production tubing. MIRU E&P wireline. Surged off Gauge ring & junk basket, Secured well w/blind ram, open well to flow. Pump 10# brine to control.

Remarks

FTR: 286,115 bbls

RT: 1121 bbls

CR: 9136 bbls

LTR: 276,939 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/16/2014 06:00	1/16/2014 06:15	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM
1/16/2014 06:15	1/16/2014 08:30	2.25	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	R/U Cudd snubbing unit, re-spot catwalk & pipe racks. WSI @ 750 psi.
1/16/2014 08:30	1/16/2014 11:30	3	TRIP OUT HOLE	TOOH	TOOH	Open well. Snub out of hole w/remaining 100 jnts. laying down. Well flowing on 37/64 chk. 4 bpm 400 psi.
1/16/2014 11:30	1/16/2014 12:30	1	MOBILIZATION	RDMO	RDMO	RDMO Cudd snubbing unit, re-spot catwalk, pipe racks & load with 255 jnts. 2-7/8" L-80 Production tubing.
1/16/2014 12:30	1/16/2014 13:30	1	MOBILIZATION	MIRU	MIRU	MIRU E&P Wireline. WSI 600 psi. When opening the well E&P opened the master valve and received a "thumbs up" from a rig hand, at that point the rig hand then opened the BOP's. This cause the wireline tools to move up hole and cut the line, losing the tools. When trying to SI the well we were only able to get 5 turns out of the master valve, indicating the tools were lodged in the valve/b-section. The BOP's were then shut to secure the well.
1/16/2014 13:30	1/16/2014 15:30	2	COMPL	Other operations	OTHR	Supervisor was called, well opened, flowing @ 4 bpm/360 psi, while waiting on more brine water to control well so situation can be remedied.
1/16/2014 15:30	1/16/2014 18:30	3	UNPLANNED	Well Control events & any circulating related to g	U_WC	Pump 10# heavy water down casing for well control, 2 bpm/500 psi. Pressure dropped to to 280 psi pumping 3 bpm. Pumped 247 bbls of 10#. Shut pump down and pressure dropped down to 240 psi. Well would not die and shut well in and started preparing for fishing job of wireline tools.
1/16/2014 18:30	1/16/2014 21:30	3	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	Rig down rig floor, nipple up 5 x 10 spool w/night cap to secure well. Move catwalk out of way for snubbing unit to move in. Monitoring well pressure.
1/16/2014 21:30	1/17/2014 06:00	8.5	COMPL	Other operations	OTHR	Monitoring well pressure thru the night. Well shut in and secured. Waiting on snubbing unit for fishing job. pressure increased from 240 psi up to 360 psi

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 45 Daily Operation: 1/17/2014 06:00 - 1/18/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 147	Days on Location (days) 45	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239

Operations Summary

PJSM. Monitor well w/waiting on Cudd. Ready unit for task at hand. M/U lube, PJSM, Attempt to P/U unit, Shut down by Pioneer safety man, situation unsafe, S/D wait for short bails. Bails AOL and changed out. PU Cudd Snubbing Basket and stab onto wellhead. Rigged up and ready to RIH and perform fishing job.

Remarks

FTR: 286,115 bbls

RT: 0 bbls

CR: 9136 bbls

LTR: 276,939 bbls

TSIF: 11,339,622 lbs

4 5/8" JZ rock bit s/n 1327957

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/17/2014 06:00	1/17/2014 06:15	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM,
1/17/2014 06:15	1/17/2014 11:45	5.5	COMPL	Other operations	OTHR	Waiting on Cudd Pressure Control to AOL. Monitor pressure.
1/17/2014 11:45	1/17/2014 14:45	3	COMPL	Other operations	OTHR	Cudd AOL, change out rams on snubbing unit & ready unit for task at hand. P/U spools, M/U to BOP, chain off same to derrick legs.
1/17/2014 14:45	1/17/2014 15:00	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM
1/17/2014 15:00	1/17/2014 17:30	2.5	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	P/U Cudd snubbing unit attempt to stab onto lube top flange, unit hanging up on top flange, Shut down by Pioneer Safety man to access the unsafe situation. Held PJSM. Conclusion was to safely R/U unit short bails were to be used.
1/17/2014 17:30	1/17/2014 18:15	0.75	UNPLANNED	Waiting on anything other than weather (orders, eq	U_WT	Wait on short bails to AOL from Giddings pad.
1/17/2014 18:15	1/17/2014 20:45	2.5	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	PJSM. Change bails out, picked up Snubbing basket and stabbed onto wellhead. Rigging up snubbing basket.
1/17/2014 20:45	1/18/2014 06:00	9.25	COMPL	Other operations	OTHR	Well shut in and secured. Cudd Snubbing unit rigged up and ready to perform fishing job.

Report #: 46 Daily Operation: 1/18/2014 06:00 - 1/19/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 148	Days on Location (days) 46	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239

Operations Summary

PJSM, SIP 390 psi, M/U fishing BHA #1 on 2-7/8" EUE tubing, snub in, engage fish, fish partially caught, P/U, shut frac valve, (all turns) snub out same. R/D Cudd. Stand-by for orders, R/U snubbers, off-load production string from working racks, load with workstring. M/U fishing BHA #2 on 2-3/8" PH-6 workstring, Snub in hole 60 jnts. to 1785'. Rig down snubbing unit and rig up WO rig and location. Continue RIH w/tbg for fishing job. Stacking out @9577 w/325 jts in hole Circulating hole clean at report time.

Remarks

FTR: 286,115 bbls

RT: 738 bbls

CR: 9874 bbls

LTR: 276,201 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/18/2014 06:00	1/18/2014 06:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM, WSI w/390 PSI.
1/18/2014 06:30	1/18/2014 08:30	2	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	M/U fishing BHA #1 as follows on 1 jnt. L-80 2-7/8" tubing & 10' Pup: 3-3/4" X 2-1/2" X 1.42 Float sub 3-3/4" X 2-1/2" X 1.21 float Sub 3-11/16" X 1-3/4" X 1.49 X O 3-3/8" X 1-3/4" X 1.49 Top Sub 4-11/16" X 1.23 Short Catch W/2" Grapple. Total Length BHA #1=6.47'
1/18/2014 08:30	1/18/2014 10:00	1.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Snub in, engage fish, open frac valve, fish partially caught, L/D same. @ surface with fishing neck, CCL, quick change & weight bars. pin sheared at flex point, leaving Junk basket & Guage ring in the hole. 6.05' L.
1/18/2014 10:00	1/18/2014 11:30	1.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	R/D Cudd pressure control.
1/18/2014 11:30	1/18/2014 12:30	1	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Stand by for orders.
1/18/2014 12:30	1/18/2014 14:30	2	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	R/U snubbing unit, move production string from working racks, move workstring on same.
1/18/2014 14:30	1/18/2014 15:30	1	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	M/U fishing BHA #2 as follows on 2-3/8" PH-6 workstring: 2-13/16 X 1.50 X .65 F-Nipple 1- jnt. 2.375 " PH-6 workstring 3" X N/A X 1.50 Float Sub. 3" X N/A X 1.50 Float Sub. 3-1/8 X 1-3/4 X 1.50 X O Sub. - 2-3/8 IF 3-5/16 X 1-3/4 X 1.14 Top Sub. F.N.=.91 4-11/16 X N/A X 3' Extension 4-11/16 X N/A X 1.28 Bowl W/3-1/2 Spiral grapple 4-11/16 X N/A X .62 Cut lip guide Total BHA #2=12.1'
1/18/2014 15:30	1/18/2014 18:30	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Snub in hole w/60 jnts. 2-3/8" PH-6 to 1785'. Land tbq w/TIW on last jt. Start rigging down Cudd snubbing unit
1/18/2014 18:30	1/18/2014 22:00	3.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Rigging down Cudd snubbing unit. WO crew nipple up annular and bird bath, set up location and rig floor. Load tbq and start RIH w/workstring.
1/18/2014 22:00	1/19/2014 04:15	6.25	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Open well on 12/64" choke to displace water in casing while running in hole. SICP was 600 psi. RIH w/workstring to retrieve fish. Have 325 jts 9577' in hole and started stacking out. Rigged up pump onto tbq and circulate hole clean. CP-1300 psi @3 bpm, WHP-450 PSI @3 bpm return rate
1/19/2014 04:15	1/19/2014 06:00	1.75	CIRC	CIRCULATE	CIRC	Circulating @9577" w/325 jts in hole. CP-1300 @3 BPM, WHP-450 @3 BPM

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 47 Daily Operation: 1/19/2014 06:00 - 1/20/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 149	Days on Location (days) 47	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary
PJSM, Continue RIH w/tbg for fishing job. Tbg torqued up with 454 jts in hole @13,509'. Picked up swivel and was not able to make any hole. Pumped pressure came up 300 psi giving indication fish was in overshoot. POOH laying down WS. Laid down 203 jts 2 7/8" and 291 jts of 2 3/8" WS, leaving 60 jts of tbg in hole. Rigging down rig floor and equipment to make room for snubbing unit. Nippled up 10' lubricator, 5 x 10 spool and night cap. Secured well monitoring well pressure during night.

Remarks
FTR: 286,115 bbls

RT: 259 bbls
CR: 10,133 bbls

LTR: 275,942.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/19/2014 06:00	1/19/2014 06:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Help PJSM,
1/19/2014 06:30	1/19/2014 09:30	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	CP-1000 psi @3.5 bpm, WHP-450 PSI @3.5 bpm return rate, Circulated dyed sweep back. SD pumps and resumed RIH in fishing ops.
1/19/2014 09:30	1/19/2014 11:30	2	CIRC	CIRCULATE	CIRC	Circulating FR and Pipe on pipe sweep @ 13385' w/ 449 jts in hole. CP- 570 @ 3.3 BPM, WHP- 1700 @ 3.7 BPM
1/19/2014 11:30	1/19/2014 13:45	2.25	COMPL_UNPLN D	Unplanned time due to OTHER pumping services	U_PEOT H	RIH and tagged up with 454 jts ran, PU swivel, torqued up and not able to make hole. PMP pipe on pipe to condition hole. Tried working pipe, still torquing up @13,509. Pumps showed ~300 psi increase.
1/19/2014 13:45	1/19/2014 21:45	8	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	POOH laying down 2 7/8" and 2 3/8" workstring. Finished laying down 251 jts of 2 3/8" workstring leaving 60 jts of 2 3/8" and fish in hole. Install TIW valve and land tbg.
1/19/2014 21:45	1/20/2014 00:30	2.75	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Rigging down tongs, floor and birdbath. Nipple up 10' riser, 5 x 10 spool and night cap onto annular for clearance of tbg and fish. Set catwalk and pipe rack on backside of location to lay down tbg. Well secured and maintaining 700 psi on well.
1/20/2014 00:30	1/20/2014 06:00	5.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Well shut in and secured. Monitoring pressure during night.

Report #: 48 Daily Operation: 1/20/2014 06:00 - 1/21/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 150	Days on Location (days) 48	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary
PJSM, WSI w/740 psi, R/U Cudd snubbing unit. TOO H, No Fish, P/U snubbing unit to remove spools, M/U 4-5/8" clutch mill. Snub in 60 jts and rig down snubbing unit. Rig up WO rig equipment and RIH w/351 jts of 2 3/8" tbg and 65 jts of 2 7/8" tbg @12,325. TOF @13,509'.

Remarks
FTR: 286,115 bbls

RT: 288 bbls
CR: 10,421 bbls

LTR: 275,654.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/20/2014 06:00	1/20/2014 06:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Safety meeting, WSI w/740 psi.
1/20/2014 06:30	1/20/2014 09:30	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	R/U Cudd Pressure Control.
1/20/2014 09:30	1/20/2014 13:00	3.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	TOOH w/60 jnts. 2-3/8" PH-6 & BHA #2. No fish, overshot showed signs of pushing w/no entry into tool.
1/20/2014 13:00	1/20/2014 16:00	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	P/U Cudd snubbing unit, R/D spools.
1/20/2014 16:00	1/20/2014 16:30	0.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	M/U BHA #3 as follows on PH-6 Workstring. 2-3/8" F Profile 2.813 X 1.50 X .65 1-Jnt. 2-3/8" PH-6 W/S 2.375 X 31.73 2-3/8" Floated Sub 3.125 X 1.750 X 1.50 2-3/8" Floated Sub 3.00 X 2.00 X 1.50 X O Sub 2-3/8" PH-6 Box X 2-3/8" IF Pin 2-3/16 3.125 X 1.750 X 1.50 4-5/8 Clutch Mill W/Stabilizers 3.125 X 1.750 X 2.540 Total BHA #3 = 7.690
1/20/2014 16:30	1/20/2014 18:00	1.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Open well w/790 psi well flowing 3 bpm/390 psi on 48/64 chk. Snub in Hole BHA #3 and 60 jts. until heavy,
1/20/2014 18:00	1/20/2014 21:00	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Land tbq and rigging down snubbing unit and set rig floor and equipment. Load tbq w/ 7 bbls
1/20/2014 21:00	1/21/2014 06:00	9	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Continue RIH w/2 3/8" tbq and 2 7/8" ws. Total jts in in 416 jts @12,325'.

Report #: 49 Daily Operation: 1/21/2014 06:00 - 1/22/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777	
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig		
151	49	-22.0			ESCO, 239		

Operations Summary

PJSM, continue TIH singles to 14,370' /481 jnts., pump sweep & condition hole w/pipe on pipe, cont. pipe on pipe pill every 30 jnt., P/U power swivel on jnt # 529 (depth 15,824') cont. swivel in hole 9 jnts. circulate bottoms up @ 16,145'. continue rotate in hole to 17,484' circulate bottoms up. continue to RIH down to PBTD @18,030' w/598 jts. Circulate hole clean and POOH laying down workstring and BHA. Preset depth @7490' @ report time.

Remarks

FTR: 286,115 bbls

RT: 835 bbls

CR: 11,256 bbls

LTR: 274,782.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/21/2014 06:00	1/21/2014 06:15	0.25	PROD1	SHARE	SFTY	PJSM, well flowing @ 3.2 bpm/530 psi.
1/21/2014 06:15	1/21/2014 07:15	1	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Continue TIH singles to 14,370' w/jnt. 481 in hole, and starting to fight friction.
1/21/2014 07:15	1/21/2014 09:00	1.75	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Pump10 bbl. sweep. 3.5 bpm/2,100 psi, returning 3.8 bpm/620 psi. condition hole w/pipe on pipe. No sand.
1/21/2014 09:00	1/21/2014 12:00	3	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Continue to TIH w/BHA #3 & workstring w/flowing well @ 2bpm/500 psi. spot pipe on pipe every 30 jnts. With 528 jnts. in hole @ 15,834" Tie back lines & P/U power swivel, continue swivel in hole with 9 jnts. washing sand.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/21/2014 12:00	1/21/2014 18:30	6.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Circulate bottoms up @ 16,145' 538 jnts. in hole. 3.7 bpm/1,700 psi ret. 4 bpm/500 psi. continue rotate in hole to 17,484 w/ 581 jnts. in hole pump sweep & circulate to surface pumping 3.5 bpm/1,500 psi. returning 4 bpm/500 psi. Tagged PBTD w/598 jts in hole.
1/21/2014 18:30	1/21/2014 22:00	3.5	CIRC	CIRCULATE	CIRC	Circulate hole clean and preapre to start laying down.
1/21/2014 22:00	1/22/2014 06:00	8	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Set swevil back amd start POOH laying down 270 jts of 2 7/8" and 110 jts of 2 3/8" workstring.

Report #: 50 Daily Operation: 1/22/2014 06:00 - 1/23/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days) 152	Days on Location (days) 50	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239	

Operations Summary

PJSM.
Continue POOH laying down Work string.
With 60 jts left in hole, RU Cudd snubbing unit.
Snub out 2-3/8" Workstring & mil.
R/D & out Cudd.
R/U E&P Wireline, M/U 5.5 AS1X Packer, RIH set on wireline. @ 7975

Remarks

FTR: 286,115 bbls

RT: 0 bbls
CR: 11,256 bbls

LTR: 274,782.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/22/2014 06:00	1/22/2014 06:15	0.25	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM with all hands.
1/22/2014 06:15	1/22/2014 10:15	4	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Continue POOH with 2-3/8 workstring.
1/22/2014 10:15	1/22/2014 12:15	2	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	With 60 jts left in hole, RU Cudd snubbing unit.
1/22/2014 12:15	1/22/2014 14:45	2.5	UNPLANNED	Unplanned Fishing Operations including trips / Mil	U_FSH	Snub out of hole laying down 60 jnts. 2-3/8" PH-6.
1/22/2014 14:45	1/22/2014 16:00	1.25	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	R/D Cudd Pressure Control.
1/22/2014 16:00	1/22/2014 17:30	1.5	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	RU E-P Wireline to set packer
1/22/2014 17:30	1/22/2014 18:00	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	Held PJSM with night crew
1/22/2014 18:00	1/22/2014 20:00	2	COMPL	Wireline operations to set packer	WLPK	RIH w/ CCL & 5 1/2" AS1X Packer (Vision Oil Tools). Set Packer @ 7,975' POOH w/WL
1/22/2014 20:00	1/23/2014 06:00	10	COMPL	Other operations	OTHR	SWI, Grease and maintance rig, change out BOP rams, Wait on Halliburton to run ESP

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 51 Daily Operation: 1/23/2014 06:00 - 1/24/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM		AFE Number 027777
Days From Spud (days) 153	Days on Location (days) 51	End Depth (ftGRD) -22.0	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig ESCO, 239

Operations Summary
 PJSM,
 Wait on Lee R's & Halliburton to AOL w/ESP.
 AOL Lee R's & Haliburton, PJSM.
 R/U to RIH w/ESP.
 TIH tail pipe & ESP, before tongs failed.
 Wait on re-placement tongs to AOL. R/U same.
 TIH w/ESP on 2-7/8" L-80 production tubing landed 243 jts of tbg with pmp depth of 7797
 Downtime ESCO: 4hr

Remarks
 FTR: 286,115 bbls

RT: 0 bbls
 CR: 11,256 bbls

LTR: 274,782.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/23/2014 06:00	1/23/2014 06:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM, w/all personnel.
1/23/2014 06:30	1/23/2014 08:00	1.5	PROD1	OTHER	WSI	Waiting on Haliburton ESP.
1/23/2014 08:00	1/23/2014 08:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM, w/all over ESP ops.
1/23/2014 08:30	1/23/2014 10:00	1.5	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	R/U Haliburton. to run ESP.
1/23/2014 10:00	1/23/2014 13:00	3	COMPL	Tbg related operations	TUBING	Run 3 jnts. 2-7/8" tail pipe, ESP assembly & 1 jnt. tongs failed to make proper tourqe. High North winds have been an issue in M/U ESP, careful not to damage O-rings.
1/23/2014 13:00	1/23/2014 16:00	3	UNPLANNED	Other - Anything not listed above	U_OTR	Wait on tongs to AOL from Odessa.
1/23/2014 16:00	1/23/2014 17:00	1	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	R/U replacement tongs to AOL from Odessa.
1/23/2014 17:00	1/24/2014 04:00	11	COMPL	Tbg related operations	TUBING	TIH w/ESP on 2-7/8" L-80 tubing down to 7796'. Ran 243 jts of 2 7/8" L80 8rd tbg. Prepare ESP cable for Production Tree.
1/24/2014 04:00	1/24/2014 06:00	2	WLHEAD	WELLHEAD	WLHEAD	Hang well off, nipple down BOP's off of wellhead, nipple down Lower half of frac valve. Nipple up Production Tree and feed ESP cable thru tree.

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Report #: 52 Daily Operation: 1/24/2014 06:00 - 1/25/2014 06:00

Job Category ORIG COMPLETION			Primary Job Type OCM			AFE Number 027777
Days From Spud (days)	Days on Location (days)	End Depth (ftGRD)	End Depth (TVD) (ftGRD)	Dens Last Mud (lb/gal)	Rig	
154	52	-22.0			ESCO, 239	

Operations Summary

PJSM.
ND Frac Valve, NU Production Tree.
Test void on tree to 5000 PSI, Good Test.
Wait on Electrical to get ESP wired up, before RD WOR.
RD WOR and support equipment.
Burst disc in Pkr.
Turn over to production.

Remarks

FTR: 286,115 bbls

RT: 0 bbls
CR: 11,256 bbls

LTR: 274,782.0 bbls

TSIF: 11,339,622 lbs

8 full sand boxes on location. 5 from 3H, 3 from 2H.

Time Log Summary

Start Date	End Date	Dur (hr)	Activity	Activity Detail	Operation	Com
1/24/2014 06:00	1/24/2014 06:30	0.5	SAFETY	PRE-JOB SAFETY MEETING	SAFETY	PJSM with all hands.
1/24/2014 06:30	1/24/2014 08:45	2.25	COMPL	ND, NU, Testing, Sleeve Installation, Greasing Wel	WLHEAD	NU Production Tree and pressure test void. Did not test 1st time, cut o-ring. Change o-ring, retest 5000 PSI, good test.
1/24/2014 08:45	1/24/2014 12:30	3.75	COMPL	Other operations	OTHR	Wait for electricians to wire up ESP to bump test before RD WOR.
1/24/2014 12:30	1/24/2014 19:30	7	COMPL	RURD any equipment: WL, EL, CT, etc.	RURD	RD WOR & support equipment and move over to 1H. RU flowline to Production Tree. Rupture ceramic disc (pop'd @ 2300 psi). Fish pushed to bottom of hole: (6' Length>Junk basket & gauge ring) Well turned over to production.

WELL DETAILS

Well Name UNIVERSITY 2-6 2H	API/UWI 42-383-38334-0000	Operator PIONEER NATURAL RESRC USA, INC
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Wellbore Hole Size

Section Des	Size (in)	Act Top (ftGRD)	Act Btm (ftGRD)	Start Date	End Date
Conductor	24	0.0	120.0	8/12/2013	8/12/2013
Surface	17 1/2	120.0	736.0	8/24/2013	8/25/2013
Intermediate	12 1/4	736.0	7,958.0	8/30/2013	9/7/2013
Production	8 1/2	7,958.0	18,173.0	10/22/2013	11/11/2013

Conductor Casing

Run Date	Set Depth (ftGRD)	Centralizers						
	98.0							
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Casing Joints	20				120.00	1	-22.0	98.0

Run Date	Set Depth (ftGRD)	Centralizers						
8/12/2013	120.0	0						
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Casing Joints	20	19.000	106.50	J-55	120.00		0.0	120.0

Surface Casing

Set Depth (ftGRD)	Run Date	Centralizers						
728.0								
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Casing Joints	13 3/8	12.715	68.00	K-55	724.00	19	4.0	728.0

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Surface Casing

Set Depth (ftGRD)	736.0	Run Date	8/25/2013	Centralizers	5			
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
csg jt	13 3/8	12.715	48.00	J55	0.00	0	0.0	0.0
csg jt	13 3/8	12.715	48.00	J55	11.44	1	0.0	11.4
cut off	13 3/8	12.715	48.00	J55	0.00	0	11.4	11.4
csg jt	13 3/8	12.715	48.00	J55	677.87	16	11.4	689.3
Float Collar	13 3/8	12.715	48.00	J55	1.42	1	689.3	690.7
csg jt	13 3/8	12.715	48.00	J55	43.38	1	690.7	734.1
Float Shoe	13 3/8	12.715	48.00	J55	1.90	1	734.1	736.0

Surface Casing Cement

Type	Casing	String	Surface, 736.0ftGRD	Cementing Start Date	8/25/2013	Cementing End Date	8/25/2013	Cementing Company	SCHLUMBERGER	Top (ftGRD)	0.0	Btm (ftGRD)	736.0
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)							
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)							
Class	Class C		610		1.70							13.60	
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)							

Intermediate Casing

Set Depth (ftGRD)	7,403.0	Run Date		Centralizers				
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Casing Joints	9 5/8	8.681	47.00	P-110	7,399.00	185	4.0	7,403.0
Set Depth (ftGRD)	7,951.8	Run Date	9/8/2013	Centralizers	33			
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Landing Jt	9 5/8	8.835	40.00	L-80	0.00	0	5.0	5.0
Hanger Joint	9 5/8	8.835	40.00	L-80	3.25	1	5.0	8.3
Casing Joints	9 5/8	8.835	40.00	L-80	45.48	1	8.3	53.7
Pup Joint	9 5/8	8.835	40.00	L-80	9.72	1	53.7	63.5
Casing Joints	9 5/8	8.835	40.00	L-80	2,373.54	51	63.5	2,437.0
Casing Joints	9 5/8	8.755	43.50	L-80	46.94	1	2,437.0	2,483.9
Casing Joints	9 5/8	8.835	40.00	L-80	189.09	4	2,483.9	2,673.0
Casing Joints	9 5/8	8.755	43.50	L-80	140.44	3	2,673.0	2,813.5
Casing Joints	9 5/8	8.835	40.00	L-80	3,175.88	68	2,813.5	5,989.4
Casing Joints	9 5/8	8.755	43.50	L-80	1,866.09	40	5,989.4	7,855.4
Float Collar	9 5/8	8.755	43.50	L-80	1.50	1	7,855.4	7,856.9
Casing Joints	9 5/8	8.755	43.50	L-80	93.36	2	7,856.9	7,950.3
Float Shoe	9 5/8	8.755	43.50	L-80	1.50	1	7,950.3	7,951.8

Intermediate Casing Cement

Type	Casing	String	Intermediate 1, 7,951.8ftGRD	Cementing Start Date	9/9/2013	Cementing End Date	9/9/2013	Cementing Company	SCHLUMBERGER	Top (ftGRD)	3,178.0	Btm (ftGRD)	7,958.0
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)							
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)							
Class	TXI LITEWEIGHT		1,226		2.85							11.00	
Class	Class C		247		1.07							16.40	

Production Casing

Set Depth (ftGRD)	18,154.3	Run Date	11/13/2013	Centralizers				
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Pup	5 1/2	4.778	20.00	P-110	0.00	0	10.0	10.0
FOSV	5 1/2	4.778	20.00	P-110	0.00	0	10.0	10.0
Pup	5 1/2	4.778	20.00	P-110	0.00	0	10.0	10.0
Crossover	5 1/2	4.778	20.00	P-110	0.00	0	10.0	10.0
Landing Joint	5 1/2	4.778	20.00	P-110	0.00	0	10.0	10.0
Hanger Pup	5 1/2	4.778	20.00	P-110	2.40	1	10.0	12.4
Marker Joints	5 1/2	4.778	20.00	P-110	9.70	1	12.4	22.1
Casing Joints	5 1/2	4.778	20.00	P-110	7,886.90	188	22.1	7,909.0
Marker Joints	5 1/2	4.778	20.00	P-110	10.06	1	7,909.0	7,919.1
Casing Joints	5 1/2	4.778	20.00	P-110	165.68	4	7,919.1	8,084.8

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Item Des		OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Marker Joint		5 1/2	4.778	20.00	P-110	10.08	1	8,084.8	8,094.8
Casing Joints		5 1/2	4.778	20.00	P-110	9,930.54	236	8,094.8	18,025.4
RDV		5 1/2	4.778	20.00	P-110	5.15	1	18,025.4	18,030.5
Casing Joints		5 1/2	4.778	20.00	P-110	41.57	1	18,030.5	18,072.1
Float Collar		5 1/2	0.000	20.00	P-110	1.52	1	18,072.1	18,073.6
Casing Joints		5 1/2	4.778	20.00	P-110	79.44	2	18,073.6	18,153.1
Float Shoe		5 1/2	0.000	20.00	P-110	1.25	1	18,153.1	18,154.3
Set Depth (ftGRD)		Run Date		Centralizers					
19,078.0									
Item Des		OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Casing Joints		5 1/2	4.548	26.00	P-110	19,074.00	477	4.0	19,078.0
Production Casing Cement									
Type		String		Cementing Start Date		Cementing End Date		Cementing Company	
Casing		Production, 18,154.3ftGRD		11/13/2013		11/13/2013		SCHLUMBERGER	
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)			
Ultra Flus						10.50			
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)			
TXI LITEWEIGHT		507		2.79		11.00			
Class		Amount (sacks)		Yield (ft³/sack)		Density (lb/gal)			
TXI LITEWEIGHT		1,945		1.63		12.50			
Cement Squeeze									
Description		Type		String		Cementing Start Date		Cementing End Date	
								Top (ftGRD)	
								Btm (ftGRD)	
Amount (sacks)		Yield (ft³/sack)				Dens (lb/gal)			
Perforations									
Top (ftGRD)	Btm (ftGRD)	Zone	Shot Dens (shots/ft)	Entered Shot Total	Com				
8,763.0	8,765.0		4.0	8	Stage 31 Cluster 5				
8,823.0	8,825.0		4.0	8	Stage 31 Cluster 4				
8,883.0	8,885.0		4.0	8	Stage 31 Cluster 3				
8,943.0	8,945.0		4.0	8	Stage 31 Cluster 2				
9,003.0	9,005.0		4.0	8	Stage 31 Cluster 1				
9,063.0	9,065.0		4.0	8	Stage 30 Cluster 5				
9,123.0	9,125.0		4.0	8	Stage 30 Cluster 4				
9,183.0	9,185.0		4.0	8	Stage 30 Cluster 3				
9,243.0	9,245.0		4.0	8	Stage 30 Cluster 2				
9,303.0	9,305.0		4.0	8	Stage 30 Cluster 1				
9,363.0	9,365.0		4.0	8	Stage 29 Cluster 5				
9,423.0	9,425.0		4.0	8	Stage 29 Cluster 4				
9,483.0	9,485.0		4.0	8	Stage 29 Cluster 3				
9,543.0	9,545.0		4.0	8	Stage 29 Cluster 2				
9,603.0	9,605.0		4.0	8	Stage 29 Cluster 1				
9,663.0	9,665.0		4.0	8	Stage 28 Cluster 5				
9,723.0	9,725.0		4.0	8	Stage 28 Cluster 4				
9,783.0	9,785.0		4.0	8	Stage 28 Cluster 3				
9,843.0	9,845.0		4.0	8	Stage 28 Cluster 2				
9,903.0	9,905.0		4.0	8	Stage 28 Cluster 1				
9,963.0	9,965.0		4.0	8	Stage 27 Cluster 5				
10,023.0	10,025.0		4.0	8	Stage 27 Cluster 4				
10,083.0	10,085.0		4.0	8	Stage 27 Cluster 3				
10,143.0	10,145.0		4.0	8	Stage 27 Cluster 2				
10,203.0	10,205.0		4.0	8	Stage 27 Cluster 1				
10,263.0	10,265.0		4.0	8	Stage 26 Cluster 5				
10,323.0	10,325.0		4.0	8	Stage 26 Cluster 4				
10,383.0	10,385.0		4.0	8	Stage 26 Cluster 3				
10,443.0	10,445.0		4.0	8	Stage 26 Cluster 2				
10,503.0	10,505.0		4.0	8	Stage 26 Cluster 1				
10,563.0	10,565.0		4.0	8	Stage 25 Cluster 5				
10,623.0	10,625.0		4.0	8	Stage 25 Cluster 4				

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Perforations

Top (ftGRD)	Btm (ftGRD)	Zone	Shot Dens (shots/ft)	Entered Shot Total	Com
10,683.0	10,685.0		4.0	8	Stage 25 Cluster 3
10,743.0	10,745.0		4.0	8	Stage 25 Cluster 2
10,803.0	10,805.0		4.0	8	Stage 25 Cluster 1
10,863.0	10,865.0		4.0	8	Stage 24 Cluster 5
10,923.0	10,925.0		4.0	8	Stage 24 Cluster 4
10,983.0	10,985.0		4.0	8	Stage 24 Cluster 3
11,043.0	11,045.0		4.0	8	Stage 24 Cluster 2
11,103.0	11,105.0		4.0	8	Stage 24 Cluster 1
11,163.0	11,165.0		4.0	8	Stage 23 Cluster 5
11,223.0	11,225.0		4.0	8	Stage 23 Cluster 4
11,283.0	11,285.0		4.0	8	Stage 23 Cluster 3
11,343.0	11,345.0		4.0	8	Stage 23 Cluster 2
11,403.0	11,405.0		4.0	8	Stage 23 Cluster 1
11,463.0	11,465.0		4.0	8	Stage 22 Cluster 5
11,523.0	11,525.0		4.0	8	Stage 22 Cluster 4
11,583.0	11,585.0		4.0	8	Stage 22 Cluster 3
11,643.0	11,645.0		4.0	8	Stage 22 Cluster 2
11,703.0	11,705.0		4.0	8	Stage 22 Cluster 1
11,763.0	11,765.0		4.0	8	Stage 21 Cluster 5
11,823.0	11,825.0		4.0	8	Stage 21 Cluster 4
11,883.0	11,885.0		4.0	8	Stage 21 Cluster 3
11,943.0	11,945.0		4.0	8	Stage 21 Cluster 2
12,003.0	12,005.0		4.0	8	Stage 21 Cluster 1
12,063.0	12,065.0		4.0	8	Stage 20 Cluster 5
12,123.0	12,125.0		4.0	8	Stage 20 Cluster 4
12,183.0	12,185.0		4.0	8	Stage 20 Cluster 3
12,243.0	12,245.0		4.0	8	Stage 20 Cluster 2
12,303.0	12,305.0		4.0	8	Stage 20 Cluster 1
12,363.0	12,365.0		4.0	8	Stage 19 Cluster 5
12,423.0	12,425.0		4.0	8	Stage 19 Cluster 4
12,483.0	12,485.0		4.0	8	Stage 19 Cluster 3
12,543.0	12,545.0		4.0	8	Stage 19 Cluster 2
12,603.0	12,605.0		4.0	8	Stage 19 Cluster 1
12,663.0	12,665.0		4.0	8	Stage 18 Cluster 5
12,723.0	12,725.0		4.0	8	Stage 18 Cluster 4
12,783.0	12,785.0		4.0	8	Stage 18 Cluster 3
12,843.0	12,845.0		4.0	8	Stage 18 Cluster 2
12,903.0	12,905.0		4.0	8	Stage 18 Cluster 1
12,963.0	12,965.0		4.0	8	Stage 17 Cluster 5
13,023.0	13,025.0		4.0	8	Stage 17 Cluster 4
13,083.0	13,085.0		4.0	8	Stage 17 Cluster 3
13,143.0	13,145.0		4.0	8	Stage 17 Cluster 2
13,203.0	13,205.0		4.0	8	Stage 17 Cluster 1
13,263.0	13,265.0		4.0	8	Stage 16 Cluster 5
13,323.0	13,325.0		4.0	8	Stage 16 Cluster 4
13,383.0	13,385.0		4.0	8	Stage 16 Cluster 3
13,443.0	13,445.0		4.0	8	Stage 16 Cluster 2
13,503.0	13,505.0		4.0	8	Stage 16 Cluster 1
13,563.0	13,565.0		4.0	8	Stage 15 Cluster 5
13,623.0	13,625.0		4.0	8	Stage 15 Cluster 4
13,683.0	13,685.0		4.0	8	Stage 15 Cluster 3
13,743.0	13,745.0		4.0	8	Stage 15 Cluster 2
13,803.0	13,805.0		4.0	8	Stage 15 Cluster 1
13,863.0	13,865.0		4.0	8	Stage 14 Cluster 5

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Perforations

Top (ftGRD)	Btm (ftGRD)	Zone	Shot Dens (shots/ft)	Entered Shot Total	Com
13,923.0	13,925.0		4.0	8	Stage 14 Cluster 4
13,983.0	13,985.0		4.0	8	Stage 14 Cluster3
14,043.0	14,045.0		4.0	8	Stage 14 Cluster 2
14,103.0	14,105.0		4.0	8	Stage 14 Cluster 1
14,163.0	14,165.0		4.0	8	Stage 13 Cluster 5
14,223.0	14,225.0		4.0	8	Stage 13 Cluster 4
14,283.0	14,285.0		4.0	8	Stage 13 Cluster 3
14,343.0	14,345.0		4.0	8	Stage 13 Cluster 2
14,403.0	14,405.0		4.0	8	Stage 13 Cluster 1
14,463.0	14,465.0		4.0	8	Stage 12 Cluster 5
14,523.0	14,525.0		4.0	8	Stage 12 Cluster 4
14,583.0	14,585.0		4.0	8	Stage 12 Cluster 3
14,643.0	14,645.0		4.0	8	Stage 12 Cluster 2
14,703.0	14,705.0		4.0	8	Stage 12 Cluster 1
14,763.0	14,765.0		4.0	8	Stage 11 Cluster 5
14,823.0	14,825.0		4.0	8	Stage 11 Cluster 4
14,883.0	14,885.0		4.0	8	Stage 11 Cluster 3
14,943.0	14,945.0		4.0	8	Stage 11 Cluster 2
15,003.0	15,005.0		4.0	8	Stage 11 Cluster 1
15,063.0	15,065.0		4.0	8	Stage 10 Cluster 5
15,123.0	15,125.0		4.0	8	Stage 10 Cluster 4
15,183.0	15,185.0		4.0	8	Stage 10 Cluster 3
15,243.0	15,245.0		4.0	8	Stage 10 Cluster 2
15,303.0	15,305.0		4.0	8	Stage 10 Cluster 1
15,363.0	15,365.0		4.0	8	Stage 9 Cluster 5
15,423.0	15,425.0		4.0	8	Stage 9 Cluster 4
15,483.0	15,485.0		4.0	8	Stage 9 Cluster 3
15,543.0	15,545.0		4.0	8	Stage 9 Cluster 2
15,603.0	15,605.0		4.0	8	Stage 9 Cluster 1
15,663.0	15,665.0		4.0	8	Stage 8 Cluster 5
15,723.0	15,725.0		4.0	8	Stage 8 Cluster 4
15,783.0	15,785.0		4.0	8	Stage 8 Cluster 3
15,843.0	15,845.0		4.0	8	Stage 8 Cluster 2
15,903.0	15,905.0		4.0	8	Stage 8 Cluster 1
15,963.0	15,965.0		4.0	8	Stage 7 Cluster 5
16,023.0	16,025.0		4.0	8	Stage 7 Cluster 4
16,083.0	16,085.0		4.0	8	Stage 7 Cluster 3
16,143.0	16,145.0		4.0	8	Stage 7 Cluster 2
16,203.0	16,205.0		4.0	8	Stage 7 Cluster 1
16,263.0	16,265.0		4.0	8	Stage 6 Cluster 5
16,323.0	16,325.0		4.0	8	Stage 6 Cluster 4
16,383.0	16,385.0		4.0	8	Stage 6 Cluster 3
16,443.0	16,445.0		4.0	8	Stage 6 Cluster 2
16,503.0	16,505.0		4.0	8	Stage 6 Cluster 1
16,563.0	16,565.0		4.0	8	Stage 5 Cluster 5
16,623.0	16,625.0		4.0	8	Stage 5 Cluster 4
16,683.0	16,685.0		4.0	8	Stage 5 Cluster 3
16,743.0	16,745.0		4.0	8	Stage 5 Cluster 2
16,803.0	16,805.0		4.0	8	Stage 5 Cluster 1
16,863.0	16,865.0		4.0	8	Stage 4 Cluster 5
16,923.0	16,925.0		4.0	8	Stage 4 Cluster 4
16,983.0	16,985.0		4.0	8	Stage 4 Cluster 3
17,043.0	17,045.0		4.0	8	Stage 4 Cluster 2
17,103.0	17,105.0		4.0	8	Stage 4 Cluster 1

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Perforations

Top (ftGRD)	Btm (ftGRD)	Zone	Shot Dens (shots/ft)	Entered Shot Total	Com
17,163.0	17,165.0		4.0	8	Stage 3 Cluster 5
17,223.0	17,225.0		4.0	8	Stage 3 Cluster 4
17,283.0	17,285.0		4.0	8	Stage 3 Cluster 3
17,343.0	17,345.0		4.0	8	Stage 3 Cluster 2
17,403.0	17,405.0		4.0	8	Stage 3 Cluster 1
17,463.0	17,465.0		4.0	8	Stage 2 Cluster 5
17,523.0	17,525.0		4.0	8	Stage 2 Cluster 4
17,583.0	17,585.0		4.0	8	Stage 2 Cluster 3
17,643.0	17,645.0		4.0	8	Stage 2 Cluster 2
17,703.0	17,705.0		4.0	8	Stage 2 Cluster 1
17,763.0	17,765.0		4.0	8	Stage 1 Cluster 5
17,823.0	17,825.0		4.0	8	Stage 1 Cluster 4
17,883.0	17,885.0		4.0	8	Stage 1 Cluster 3
17,943.0	17,945.0		4.0	8	Stage 1 Cluster 2
18,003.0	18,005.0		4.0	8	Stage 1 Cluster 1

Stimulations & Treatments (Actual)

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/13/2013	Stage 1	Pioneer Pumping Services	17,763.0	18,005.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24167 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 14727 lb	8,951.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/14/2013	Stage 2	Pioneer Pumping Services	17,463.0	17,705.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25162 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,222.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/15/2013	Stage 3	Pioneer Pumping Services	17,163.0	17,405.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25030 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 99930 l	10,400.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/15/2013	Stage 4	Pioneer Pumping Services	16,863.0	17,105.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 27974 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,012.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/16/2013	Stage 5	Pioneer Pumping Services	16,563.0	16,805.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25313 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,157.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/16/2013	Stage 6	Pioneer Pumping Services	16,263.0	16,505.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25006 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,429.00

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Stimulations & Treatments (Actual)

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/17/2013	Stage 7	Pioneer Pumping Services	15,963.0	16,205.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24929 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,266.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/17/2013	Stage 8	Pioneer Pumping Services	15,663.0	15,905.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25846 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 71591 lb; Brady 7 Bulk Sand 0 lb; B	9,731.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/18/2013	Stage 9	Pioneer Pumping Services	15,363.0	15,605.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25341 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,338.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/18/2013	Stage 10	Pioneer Pumping Services	15,063.0	15,305.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 22335 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,165.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/18/2013	Stage 11	Pioneer Pumping Services	14,763.0	15,005.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25197 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,126.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/19/2013	Stage 12	Pioneer Pumping Services	14,463.0	14,705.0	0; 100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 23414 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 5000	10,208.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/20/2013	Stage 13	Pioneer Pumping Services	14,163.0	14,405.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24939 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,914.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/20/2013	Stage 14	Pioneer Pumping Services	13,863.0	14,105.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 23047 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,980.00

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Stimulations & Treatments (Actual)

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/20/2013	Stage 15	Pioneer Pumping Services	13,563.0	13,805.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 22506 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,990.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/21/2013	Stage 16	Pioneer Pumping Services	13,263.0	13,505.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 23863 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,419.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/21/2013	Stage 17	Pioneer Pumping Services	12,963.0	13,205.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25047 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,867.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/22/2013	Stage 18	Pioneer Pumping Services	12,663.0	12,905.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 27040 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,990.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/22/2013	Stage 19	Pioneer Pumping Services	12,363.0	12,605.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25678 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,787.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/23/2013	Stage 20	Pioneer Pumping Services	12,063.0	12,305.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24042 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,939.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/27/2013	Stage 21	Pioneer Pumping Services	11,763.0	12,005.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24033 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	10,363.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/27/2013	Stage 22	Pioneer Pumping Services	11,463.0	11,705.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24968 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,854.00

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Stimulations & Treatments (Actual)

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/28/2013	Stage 23	Pioneer Pumping Services	11,163.0	11,405.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24124 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,804.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/28/2013	Stage 24	Pioneer Pumping Services	10,863.0	11,105.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25194 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	9,292.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/29/2013	Stage 25	Pioneer Pumping Services	10,563.0	10,805.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25812 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,894.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/29/2013	Stage 26	Pioneer Pumping Services	10,263.0	10,505.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25625 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,672.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/30/2013	Stage 27	Pioneer Pumping Services	9,963.0	10,205.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25590 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,830.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/31/2013	Stage 28	Pioneer Pumping Services	9,663.0	9,905.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 26847 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,811.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
12/31/2013	Stage 29	Pioneer Pumping Services	9,363.0	9,605.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 25359 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,695.00

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
1/1/2014	Stage 30	Pioneer Pumping Services	9,063.0	9,305.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24887 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 l	8,769.00

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Stimulations & Treatments (Actual)

<Comment?>, Middle Wolfcamp, Original Hole

Date	Type	Stim/Treat Company	Min Top Depth (ftGRD)	Max Btm Depth (ftGRD)	Total Add Amount	Total Clean Volume (bbl)
1/2/2014	Stage 31	Pioneer Pumping Services	8,763.0	9,005.0	100 Mesh 1 Bulk Sand 12500 lb; 100 Mesh 2 Bulk Sand 24060 lb; Brady 1 Bulk Sand 12500 lb; Brady 2 Bulk Sand 20625 lb; Brady 3 Bulk Sand 30000 lb; Brady 4 Bulk Sand 40625 lb; Brady 5 Bulk Sand 52500 lb; Brady 6 Bulk Sand 56875 lb; Brady 7 Bulk Sand 50000 lb	8,945.00

Zones

Zone Name	Top (ftGRD)
Lower Spraberry	
Dean	
Lower Wolfcamp	
San Andres	
Middle Wolfcamp	
Middle Spraberry	
Upper Wolfcamp	

Tubing Details

Tubing Description	Set Depth (ftGRD)	Run Date
Tubing	7,871.5	1/24/2014

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Jts	Top (ftGRD)	Btm (ftGRD)
Tubing	2 7/8	6.50	L-80	7,648.18	243	0.0	7,648.2
ESP	2 7/8			128.75		7,648.2	7,776.9
Tubing	2 7/8	6.50	L-80	94.54	3	7,776.9	7,871.5

Rod Strings

Rod Description	Set Depth (ftGRD)	Run Date

Rod Components

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

Other In Hole

Des	Top (ftGRD)	Btm (ftGRD)	OD (in)	Run Date	Pull Date	Com	String	Wellbore
Plug before stage 1	18,015.0	18,017.0	4.89	12/10/2013	1/15/2014	Tag @ 18,030' tubing measurement, did not drill.	Production, 18,154.3ftGRD	Original Hole
Composite Plug 1	17,734.0	17,736.0	4.89	12/13/2013	1/15/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 2	17,434.0	17,436.0	4.89	12/14/2013	1/15/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 3	17,134.0	17,136.0	4.89	12/15/2013	1/15/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 4	16,834.0	16,836.0	4.89	12/15/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 5	16,534.0	16,536.0	4.89	12/16/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 6	16,234.0	16,236.0	4.89	12/17/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 7	15,934.0	15,936.0	4.89	12/17/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 8	15,634.0	15,636.0	4.89	12/17/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 9	15,334.0	15,336.0	4.89	12/18/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 10	15,034.0	15,036.0	4.89	12/18/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 11	14,734.0	14,736.0	4.89	12/19/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 12	14,434.0	14,436.0	4.89	12/19/2013	1/14/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 13	14,134.0	14,136.0	4.89	12/20/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Other In Hole								
Des	Top (ftGRD)	Btm (ftGRD)	OD (in)	Run Date	Pull Date	Com	String	Wellbore
Composite Plug 14	13,834.0	13,836.0	4.89	12/20/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 15	13,534.0	13,536.0	4.89	12/21/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 16	13,234.0	13,236.0	4.89	12/21/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 17	12,934.0	12,936.0	4.89	12/22/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 18	12,634.0	12,636.0	4.89	12/22/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 19	12,334.0	12,336.0	4.89	12/22/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 20	12,034.0	12,036.0	4.89	12/23/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 21	11,734.0	11,736.0	4.89	12/27/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 22	11,434.0	11,436.0	4.89	12/28/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 23	11,134.0	11,136.0	4.89	12/28/2013	1/13/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 24	10,834.0	10,836.0	4.89	12/28/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 25	10,534.0	10,536.0	4.89	12/29/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 26	10,234.0	10,236.0	4.89	12/29/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 27	9,934.0	9,936.0	4.89	12/30/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 28	9,634.0	9,636.0	4.89	12/31/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 29	9,334.0	9,336.0	4.89	12/31/2013	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 30	9,034.0	9,036.0	4.89	1/1/2014	1/12/2014		Production, 18,154.3ftGRD	Original Hole
Composite Plug 31	8,734.0	8,736.0	4.89	1/2/2014	1/12/2014	kill plug	Production, 18,154.3ftGRD	Original Hole
Packer	7,953.0	7,960.0	4.6	1/22/2014		5.5 AS1X Packer	Production, 18,154.3ftGRD	Original Hole
Fish	18,002.0	18,008.0	4 5/8	1/22/2014		Guage ring & Junk basket	Production, 18,154.3ftGRD	Original Hole

Well Tests								
Description					Volume Oil Total (bbl)	Volume Gas Total (MCF)	Volume Water Total (bbl)	
BEFORE IP					647.0	201.000	3387.0	
Start Date	End Date	Sz Dia Choke (in)	P Tub End (psi)	P Cas End (psi)	Com	Vol Oil Tot (bbl)	Vol Gas Tot (MCF)	Vol Water Tot (bbl)
1/27/2014		0.000	330.0	170.0		300.0	131.000	1737.0
1/28/2014		0.000	400.0	140.0		347.0	70.000	1650.0

Directional Survey								
Date			Description					
8/24/2013			Actual					
Date	MD (ftGRD)	Incl (°)	Azm (°)	TVD (ftGRD)	Unwrap Displace (ft)	Survey Company		
8/25/2013	88.00	0.19	218.60	88.00	0.18	MS Energy		
8/25/2013	178.00	0.62	186.64	178.00	0.80	MS Energy		
8/25/2013	268.00	0.22	16.60	268.00	1.12	MS Energy		
8/25/2013	368.00	0.12	193.35	368.00	1.21	MS Energy		
8/25/2013	448.00	0.41	200.49	447.99	1.58	MS Energy		
8/25/2013	538.00	0.45	184.41	537.99	2.25	MS Energy		
8/25/2013	628.00	0.43	182.10	627.99	2.94	MS Energy		
8/25/2013	718.00	0.26	218.40	717.99	3.45	MS Energy		
8/25/2013	786.00	0.60	214.71	785.99	3.96	Halliburton Energy Services		
8/25/2013	877.00	0.51	197.71	876.98	4.83	Halliburton Energy Services		

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Date	MD (ftGRD)	Incl (°)	Azm (°)	TVD (ftGRD)	Unwrap Displace (ft)	Survey Company
8/25/2013	967.00	0.47	222.02	966.98	5.59	Halliburton Energy Services
8/25/2013	1,061.00	0.63	208.51	1,060.97	6.48	Halliburton Energy Services
8/25/2013	1,155.00	0.72	209.21	1,154.97	7.59	Halliburton Energy Services
8/25/2013	1,250.00	0.85	191.67	1,249.96	8.88	Halliburton Energy Services
8/25/2013	1,344.00	0.90	183.44	1,343.95	10.31	Halliburton Energy Services
8/25/2013	1,439.00	1.10	179.10	1,438.93	11.97	Halliburton Energy Services
8/25/2013	1,532.00	0.48	63.66	1,531.93	12.77	Halliburton Energy Services
8/25/2013	1,627.00	0.84	43.87	1,626.92	13.85	Halliburton Energy Services
8/25/2013	1,721.00	1.00	58.60	1,720.91	15.35	Halliburton Energy Services
8/25/2013	1,815.00	0.91	41.97	1,814.90	16.90	Halliburton Energy Services
8/25/2013	1,910.00	1.09	29.66	1,909.88	18.55	Halliburton Energy Services
8/25/2013	2,004.00	1.35	32.14	2,003.86	20.55	Halliburton Energy Services
8/25/2013	2,098.00	1.58	25.51	2,097.83	22.95	Halliburton Energy Services
8/25/2013	2,192.00	1.48	27.16	2,191.80	25.46	Halliburton Energy Services
8/25/2013	2,287.00	1.43	28.38	2,286.77	27.87	Halliburton Energy Services
8/25/2013	2,381.00	1.53	36.94	2,380.73	30.29	Halliburton Energy Services
8/25/2013	2,476.00	1.57	37.57	2,475.70	32.86	Halliburton Energy Services
8/25/2013	2,570.00	0.99	13.37	2,569.68	34.91	Halliburton Energy Services
8/25/2013	2,665.00	0.99	357.60	2,664.66	36.54	Halliburton Energy Services
8/25/2013	2,759.00	0.90	350.23	2,758.65	38.09	Halliburton Energy Services
8/25/2013	2,853.00	0.75	347.69	2,852.64	39.44	Halliburton Energy Services
8/25/2013	2,948.00	0.71	351.96	2,947.63	40.65	Halliburton Energy Services
8/25/2013	3,042.00	0.65	6.24	3,041.63	41.76	Halliburton Energy Services
8/25/2013	3,137.00	0.62	12.51	3,136.62	42.81	Halliburton Energy Services
8/25/2013	3,232.00	0.24	26.64	3,231.62	43.52	Halliburton Energy Services
8/25/2013	3,326.00	0.65	40.72	3,325.61	44.24	Halliburton Energy Services
8/25/2013	3,421.00	0.36	17.55	3,420.61	45.06	Halliburton Energy Services
8/25/2013	3,515.00	0.37	14.47	3,514.61	45.66	Halliburton Energy Services
8/25/2013	3,609.00	0.38	1.20	3,608.61	46.27	Halliburton Energy Services
8/25/2013	3,703.00	0.51	350.02	3,702.60	47.00	Halliburton Energy Services
8/25/2013	3,797.00	0.40	32.97	3,796.60	47.70	Halliburton Energy Services
8/25/2013	3,891.00	0.78	190.81	3,890.60	48.05	Halliburton Energy Services
8/25/2013	3,986.00	1.40	183.70	3,985.58	49.86	Halliburton Energy Services
8/25/2013	4,081.00	1.37	174.78	4,080.55	52.15	Halliburton Energy Services
8/25/2013	4,175.00	1.52	161.62	4,174.52	54.50	Halliburton Energy Services
8/25/2013	4,270.00	1.42	154.18	4,269.49	56.93	Halliburton Energy Services
8/25/2013	4,365.00	1.28	159.04	4,364.47	59.17	Halliburton Energy Services
8/25/2013	4,459.00	1.17	164.75	4,458.45	61.18	Halliburton Energy Services
8/25/2013	4,554.00	1.48	163.80	4,553.42	63.37	Halliburton Energy Services
8/25/2013	4,649.00	1.25	158.06	4,648.39	65.63	Halliburton Energy Services
8/25/2013	4,744.00	1.16	157.02	4,743.37	67.63	Halliburton Energy Services
8/25/2013	4,838.00	0.95	148.23	4,837.36	69.36	Halliburton Energy Services
8/25/2013	4,933.00	0.89	141.15	4,932.34	70.88	Halliburton Energy Services
8/25/2013	5,027.00	0.81	130.98	5,026.33	72.27	Halliburton Energy Services
8/25/2013	5,122.00	0.81	122.18	5,121.32	73.61	Halliburton Energy Services
8/25/2013	5,216.00	0.91	116.99	5,215.31	75.02	Halliburton Energy Services
8/25/2013	5,311.00	0.76	114.95	5,310.30	76.40	Halliburton Energy Services
8/25/2013	5,391.00	0.77	105.60	5,390.30	77.47	Halliburton Energy Services
8/25/2013	5,486.00	0.28	145.58	5,485.29	78.30	Halliburton Energy Services
8/25/2013	5,580.00	0.57	237.82	5,579.29	78.81	Halliburton Energy Services
8/25/2013	5,675.00	0.83	220.19	5,674.28	79.96	Halliburton Energy Services
8/25/2013	5,771.00	1.30	177.85	5,770.27	81.63	Halliburton Energy Services
8/25/2013	5,865.00	2.01	158.77	5,864.23	84.31	Halliburton Energy Services
8/25/2013	5,960.00	2.54	142.36	5,959.15	88.04	Halliburton Energy Services
8/25/2013	6,054.00	2.54	144.69	6,053.06	92.20	Halliburton Energy Services
8/25/2013	6,149.00	2.13	153.54	6,147.98	96.06	Halliburton Energy Services

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Date	MD (ftGRD)	Incl (°)	Azm (°)	TVD (ftGRD)	Unwrap Displace (ft)	Survey Company
8/25/2013	6,244.00	2.40	144.84	6,242.91	99.81	Halliburton Energy Services
8/25/2013	6,338.00	2.55	146.75	6,336.82	103.87	Halliburton Energy Services
8/25/2013	6,433.00	2.12	168.60	6,431.74	107.67	Halliburton Energy Services
8/25/2013	6,528.00	1.89	202.64	6,526.69	110.85	Halliburton Energy Services
8/25/2013	6,622.00	1.62	234.53	6,620.65	113.61	Halliburton Energy Services
8/25/2013	6,717.00	1.50	260.48	6,715.61	116.13	Halliburton Energy Services
8/25/2013	6,811.00	0.64	290.32	6,809.60	117.84	Halliburton Energy Services
8/25/2013	6,906.00	0.33	349.43	6,904.59	118.55	Halliburton Energy Services
8/25/2013	7,000.00	0.68	38.08	6,998.59	119.32	Halliburton Energy Services
8/25/2013	7,095.00	0.82	57.07	7,093.58	120.54	Halliburton Energy Services
8/25/2013	7,190.00	1.14	63.02	7,188.57	122.16	Halliburton Energy Services
8/25/2013	7,284.00	0.90	74.82	7,282.55	123.83	Halliburton Energy Services
8/25/2013	7,379.00	1.04	73.29	7,377.54	125.44	Halliburton Energy Services
8/25/2013	7,473.00	0.91	76.62	7,471.53	127.04	Halliburton Energy Services
9/7/2013	7,520.00	0.98	84.42	7,518.52	127.81	Halliburton Energy Services
9/7/2013	7,615.00	0.91	70.05	7,613.51	129.36	Halliburton Energy Services
9/7/2013	7,709.00	0.72	82.92	7,707.50	130.69	Halliburton Energy Services
9/7/2013	7,804.00	0.84	78.66	7,802.49	131.99	Halliburton Energy Services
9/7/2013	7,891.00	1.02	77.68	7,889.48	133.40	Halliburton Energy Services
10/23/2013	7,974.00	1.20	69.50	7,972.46	135.00	Halliburton Energy Services
10/23/2013	8,020.00	1.60	42.20	8,018.45	136.09	Halliburton Energy Services
10/23/2013	8,052.00	3.80	17.90	8,050.41	137.57	Halliburton Energy Services
10/23/2013	8,083.00	6.50	7.90	8,081.28	140.35	Halliburton Energy Services
10/23/2013	8,115.00	9.50	4.20	8,112.97	144.80	Halliburton Energy Services
10/23/2013	8,146.00	12.20	2.60	8,143.41	150.63	Halliburton Energy Services
10/23/2013	8,177.00	0.00	0.50	8,174.18	153.92	Halliburton Energy Services
10/23/2013	8,209.00	18.20	358.60	8,205.64	158.96	Halliburton Energy Services
10/23/2013	8,241.00	20.90	359.40	8,235.80	169.67	Halliburton Energy Services
10/23/2013	8,273.00	24.20	0.30	8,265.34	181.94	Halliburton Energy Services
10/23/2013	8,304.00	27.50	1.00	8,293.24	195.45	Halliburton Energy Services
10/23/2013	8,336.00	30.30	2.80	8,321.25	210.91	Halliburton Energy Services
10/23/2013	8,367.00	32.90	5.60	8,347.65	227.15	Halliburton Energy Services
10/23/2013	8,399.00	35.50	5.80	8,374.12	245.13	Halliburton Energy Services
10/23/2013	8,431.00	38.50	4.70	8,399.67	264.39	Halliburton Energy Services
10/23/2013	8,462.00	40.90	5.50	8,423.52	284.19	Halliburton Energy Services
10/23/2013	8,494.00	43.90	3.40	8,447.15	305.76	Halliburton Energy Services
10/24/2013	8,526.00	47.20	1.90	8,469.56	328.60	Halliburton Energy Services
10/24/2013	8,557.00	50.90	1.00	8,489.87	352.01	Halliburton Energy Services
10/24/2013	8,589.00	54.70	0.80	8,509.22	377.50	Halliburton Energy Services
10/24/2013	8,620.00	57.80	0.30	8,526.44	403.27	Halliburton Energy Services
10/24/2013	8,652.00	60.90	359.70	8,542.75	430.79	Halliburton Energy Services
10/24/2013	8,684.00	63.30	0.40	8,557.72	459.07	Halliburton Energy Services
10/24/2013	8,715.00	65.80	0.60	8,571.04	487.06	Halliburton Energy Services
10/24/2013	8,747.00	69.10	0.40	8,583.31	516.61	Halliburton Energy Services
10/24/2013	8,779.00	72.70	0.30	8,593.78	546.84	Halliburton Energy Services
10/24/2013	8,810.00	75.00	0.80	8,602.40	576.62	Halliburton Energy Services
10/24/2013	8,842.00	78.30	1.80	8,609.79	607.75	Halliburton Energy Services
10/24/2013	8,874.00	80.70	7.80	8,615.63	639.20	Halliburton Energy Services
10/24/2013	8,905.00	83.60	1.10	8,619.87	669.88	Halliburton Energy Services
10/24/2013	8,937.00	87.30	0.30	8,622.40	701.78	Halliburton Energy Services
10/24/2013	9,000.00	89.10	0.10	8,624.38	764.74	Halliburton Energy Services
10/24/2013	9,095.00	89.50	0.40	8,625.54	859.74	Halliburton Energy Services
10/24/2013	9,190.00	89.30	0.20	8,626.54	954.73	Halliburton Energy Services
10/24/2013	9,285.00	89.90	0.20	8,627.20	1,049.73	Halliburton Energy Services
10/24/2013	9,380.00	88.00	359.40	8,628.94	1,144.71	Halliburton Energy Services
10/24/2013	9,475.00	93.10	1.10	8,628.03	1,239.67	Halliburton Energy Services

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Date	MD (ftGRD)	Incl (°)	Azm (°)	TVD (ftGRD)	Unwrap Displace (ft)	Survey Company
10/24/2013	9,569.00	92.00	359.90	8,623.85	1,333.57	Halliburton Energy Services
10/25/2013	9,664.00	90.90	1.10	8,621.44	1,428.54	Halliburton Energy Services
10/25/2013	9,759.00	87.50	2.40	8,622.77	1,523.51	Halliburton Energy Services
10/25/2013	9,854.00	88.20	2.60	8,626.33	1,618.44	Halliburton Energy Services
10/25/2013	9,948.00	88.60	2.50	8,628.96	1,712.41	Halliburton Energy Services
10/25/2013	10,042.00	89.40	3.60	8,630.60	1,806.39	Halliburton Energy Services
10/25/2013	10,136.00	91.40	3.30	8,629.94	1,900.38	Halliburton Energy Services
10/25/2013	10,228.00	91.40	3.40	8,627.70	1,992.36	Halliburton Energy Services
10/25/2013	10,323.00	90.80	2.00	8,625.87	2,087.34	Halliburton Energy Services
10/25/2013	10,418.00	90.20	2.00	8,625.04	2,182.33	Halliburton Energy Services
10/25/2013	10,513.00	88.20	0.90	8,626.37	2,277.32	Halliburton Energy Services
10/25/2013	10,607.00	87.20	0.20	8,630.14	2,371.24	Halliburton Energy Services
10/25/2013	10,702.00	89.10	359.70	8,633.21	2,466.19	Halliburton Energy Services
10/25/2013	10,796.00	92.30	359.90	8,632.06	2,560.17	Halliburton Energy Services
10/25/2013	10,891.00	91.40	359.20	8,628.99	2,655.11	Halliburton Energy Services
10/25/2013	10,986.00	88.30	358.30	8,629.24	2,750.10	Halliburton Energy Services
10/25/2013	11,081.00	88.00	358.20	8,632.31	2,845.05	Halliburton Energy Services
10/25/2013	11,176.00	86.90	358.10	8,636.53	2,939.96	Halliburton Energy Services
10/25/2013	11,270.00	86.70	358.30	8,641.78	3,033.81	Halliburton Energy Services
10/25/2013	11,364.00	87.10	358.20	8,646.87	3,127.67	Halliburton Energy Services
10/25/2013	11,459.00	88.00	358.20	8,650.93	3,222.58	Halliburton Energy Services
10/25/2013	11,554.00	87.90	357.90	8,654.32	3,317.52	Halliburton Energy Services
10/25/2013	11,648.00	88.00	359.30	8,657.69	3,411.46	Halliburton Energy Services
10/25/2013	11,743.00	89.60	2.00	8,659.68	3,506.43	Halliburton Energy Services
10/25/2013	11,837.00	90.60	2.90	8,659.51	3,600.43	Halliburton Energy Services
10/25/2013	11,932.00	92.40	2.60	8,657.03	3,695.39	Halliburton Energy Services
10/25/2013	12,025.00	91.30	1.20	8,654.02	3,788.34	Halliburton Energy Services
10/25/2013	12,120.00	91.80	1.50	8,651.45	3,883.30	Halliburton Energy Services
10/25/2013	12,309.00	87.60	359.10	8,652.44	4,072.24	Halliburton Energy Services
10/25/2013	12,403.00	91.40	1.70	8,653.26	4,166.21	Halliburton Energy Services
10/25/2013	12,497.00	92.30	1.80	8,650.23	4,260.16	Halliburton Energy Services
10/25/2013	12,592.00	91.00	0.70	8,647.49	4,355.12	Halliburton Energy Services
10/25/2013	12,687.00	93.10	1.70	8,644.10	4,450.05	Halliburton Energy Services
10/25/2013	12,782.00	91.60	2.70	8,640.20	4,544.97	Halliburton Energy Services
10/25/2013	12,876.00	88.80	2.60	8,639.87	4,638.96	Halliburton Energy Services
10/25/2013	12,971.00	88.40	2.20	8,642.19	4,733.93	Halliburton Energy Services
10/25/2013	13,066.00	88.40	1.80	8,644.85	4,828.89	Halliburton Energy Services
10/25/2013	13,160.00	91.60	1.50	8,644.85	4,922.88	Halliburton Energy Services
10/25/2013	13,255.00	92.80	1.70	8,641.20	5,017.81	Halliburton Energy Services
10/25/2013	13,350.00	86.60	0.90	8,641.70	5,112.76	Halliburton Energy Services
10/25/2013	13,444.00	86.90	0.80	8,647.03	5,206.61	Halliburton Energy Services
10/25/2013	13,633.00	86.00	0.70	8,658.73	5,395.25	Halliburton Energy Services
10/25/2013	13,728.00	87.10	0.80	8,664.45	5,490.07	Halliburton Energy Services
10/25/2013	13,826.00	86.70	0.30	8,669.74	5,587.93	Halliburton Energy Services
10/25/2013	13,921.00	89.20	359.80	8,673.14	5,682.86	Halliburton Energy Services
10/25/2013	14,015.00	92.30	0.00	8,671.91	5,776.84	Halliburton Energy Services
10/25/2013	14,110.00	92.10	359.40	8,668.27	5,871.77	Halliburton Energy Services
10/25/2013	14,205.00	89.70	357.50	8,666.77	5,966.75	Halliburton Energy Services
10/25/2013	14,299.00	91.10	358.20	8,666.12	6,060.74	Halliburton Energy Services
10/25/2013	14,407.00	91.10	358.20	8,664.04	6,168.72	Halliburton Energy Services
11/2/2013	14,486.00	89.10	356.20	8,663.91	6,247.71	Halliburton Energy Services
11/3/2013	14,581.00	90.40	356.50	8,664.32	6,342.71	Halliburton Energy Services
11/3/2013	14,676.00	88.90	359.10	8,664.90	6,437.70	Halliburton Energy Services
11/3/2013	14,770.00	92.10	4.20	8,664.08	6,531.65	Halliburton Energy Services
11/3/2013	14,865.00	91.50	3.80	8,661.10	6,626.60	Halliburton Energy Services
11/3/2013	14,959.00	90.00	3.30	8,659.87	6,720.59	Halliburton Energy Services

Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

Date	MD (ftGRD)	Incl (°)	Azm (°)	TVD (ftGRD)	Unwrap Displace (ft)	Survey Company
11/3/2013	15,148.00	90.50	5.80	8,659.04	6,909.58	Halliburton Energy Services
11/3/2013	15,336.00	90.90	5.10	8,656.74	7,097.56	Halliburton Energy Services
11/3/2013	15,431.00	88.40	3.30	8,657.32	7,192.55	Halliburton Energy Services
11/3/2013	15,525.00	91.10	3.80	8,657.73	7,286.54	Halliburton Energy Services
11/3/2013	15,619.00	89.00	2.90	8,657.65	7,380.53	Halliburton Energy Services
11/3/2013	15,713.00	89.80	3.00	8,658.64	7,474.52	Halliburton Energy Services
11/3/2013	15,808.00	88.20	2.10	8,660.29	7,569.51	Halliburton Energy Services
11/3/2013	15,902.00	88.90	2.40	8,662.67	7,663.48	Halliburton Energy Services
11/3/2013	15,997.00	92.90	2.50	8,661.18	7,758.44	Halliburton Energy Services
11/3/2013	16,091.00	90.20	1.10	8,658.64	7,852.40	Halliburton Energy Services
11/4/2013	16,185.00	87.40	1.90	8,660.61	7,946.37	Halliburton Energy Services
11/5/2013	16,280.00	92.30	2.10	8,660.86	8,041.34	Halliburton Energy Services
11/5/2013	16,374.00	95.40	2.10	8,654.55	8,135.11	Halliburton Energy Services
11/5/2013	16,465.00	92.90	1.80	8,647.96	8,225.87	Halliburton Energy Services
11/5/2013	16,560.00	92.40	1.60	8,643.57	8,320.77	Halliburton Energy Services
11/5/2013	16,654.00	88.40	1.80	8,642.91	8,414.75	Halliburton Energy Services
11/5/2013	16,749.00	88.10	2.40	8,645.81	8,509.70	Halliburton Energy Services
11/5/2013	16,844.00	90.10	3.70	8,647.31	8,604.68	Halliburton Energy Services
11/5/2013	16,939.00	90.70	1.80	8,646.64	8,699.68	Halliburton Energy Services
11/8/2013	17,034.00	89.80	1.20	8,646.23	8,794.67	Halliburton Energy Services
11/8/2013	17,128.00	90.40	1.10	8,646.06	8,888.67	Halliburton Energy Services
11/8/2013	17,223.00	91.30	2.80	8,644.65	8,983.66	Halliburton Energy Services
11/8/2013	17,318.00	91.60	3.80	8,642.25	9,078.63	Halliburton Energy Services
11/9/2013	17,413.00	88.40	0.40	8,642.25	9,173.60	Halliburton Energy Services
11/9/2013	17,507.00	85.80	358.90	8,647.01	9,267.47	Halliburton Energy Services
11/9/2013	17,601.00	85.10	358.50	8,654.46	9,361.17	Halliburton Energy Services
11/9/2013	17,696.00	88.30	357.00	8,659.93	9,456.00	Halliburton Energy Services
11/9/2013	17,790.00	90.90	356.10	8,660.59	9,549.99	Halliburton Energy Services
11/10/2013	17,885.00	91.20	356.00	8,658.85	9,644.97	Halliburton Energy Services
11/10/2013	17,979.00	89.90	356.70	8,657.94	9,738.96	Halliburton Energy Services
11/10/2013	18,073.00	94.30	356.00	8,654.50	9,832.88	Halliburton Energy Services
11/10/2013	18,105.00	94.30	356.70	8,652.10	9,864.79	Halliburton Energy Services
11/10/2013	18,173.00	94.30	356.70	8,647.00	9,932.60	Halliburton Energy Services