

## Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

|                                      |  |  |   |  |
|--------------------------------------|--|--|---|--|
| API/UWI<br>42-383-38334-0000         | Property Sub<br>929682-002             | Operator<br>PIONEER NATURAL RESRC USA, INC   | State<br>TEXAS  | County<br>REAGAN   |
| Field Name<br>SPRABERRY (TREND AREA) |  | Surface Legal Location<br>280' FSL/ 827' FWL, SEC: 31, BLK: 1, SVY: UNIVERSITY LANDS |   |  |
| Spud Date<br>8/24/2013               | TD Date<br>11/11/2013                  | Drilling Rig Release Date<br>11/14/2013  | Frac Date<br>12/13/2013                               | On Production Date<br>1/24/2014                          |
| Ground Elevation (ft)<br>2,847.00    | Original KB Elevation (ft)<br>2,869.00 | PBTD (All) (ftGRD)<br>Original Hole - 18,072.0                                       | Total Depth (All) (ftGRD)<br>Original Hole - 18,173.0 | Total Depth All (TVD) (ftGRD)<br>Original Hole - 8,647.0 |

|   |                              |                            |                                  |                                |
|---|------------------------------|----------------------------|----------------------------------|--------------------------------|
| <b>Report #: 1 Daily Operation: 8/24/2013 09:00 - 8/25/2013 06:00</b> |                              |                            |                                  |                                |
| Job Category<br>ORIG DRILLING   |                              | Primary Job Type<br>ODR    |                                  | AFE Number<br>027784           |
| Days From Spud (days)<br>1  | Days on Location (days)<br>1 | End Depth (ftGRD)<br>736.0 | End Depth (TVD) (ftGRD)<br>736.0 | Dens Last Mud (lb/gal)<br>8.75 |
| Rig<br>NABORS DRILLING, M58   |                              |                            |                                  |                                |

Operations Summary  
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.

Remarks  
Nabors M-55 Well (University 2-6 # 2H). Progress: 0.87 days since rig accepted, 0.45 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 @ 1700 hrs on 8/24/2013.

### 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.<br><br>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.<br><br>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<br><br>*** 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.<br><br>*** Todco Svy @ 397' 0.6 Inc<br>*** 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<br>ORIG DRILLING |  | Primary Job Type<br>ODR |  |  | AFE Number<br>027784 |
|-------------------------------|--|-------------------------|--|--|----------------------|

|                            |                              |                            |                                  |                                |                             |
|----------------------------|------------------------------|----------------------------|----------------------------------|--------------------------------|-----------------------------|
| Days From Spud (days)<br>1 | Days on Location (days)<br>2 | End Depth (ftGRD)<br>736.0 | End Depth (TVD) (ftGRD)<br>736.0 | Dens Last Mud (lb/gal)<br>8.55 | Rig<br>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.<br><br>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.<br><br>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.<br><br>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<br>23:00 | 8/26/2013<br>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.<br><br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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<br>04:00 | 8/28/2013<br>06:00 | 2        | MOBILIZATION | MIRU            | MIRU      | Accept Rig from University 2-6 #1H @ 04:00.<br><br>Skid Rig from 1H to 2H. |

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

|                               |                         |                   |                         |                        |                      |                      |
|-------------------------------|-------------------------|-------------------|-------------------------|------------------------|----------------------|----------------------|
| Job Category<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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<br>06:00 | 8/28/2013<br>07:45 | 1.75     | MOBILIZATION | MIRU            | MIRU      | Skid Rig From University 2-6 #1H to the #2H.   |
| 8/28/2013<br>07:45 | 8/28/2013<br>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<br>09:30 | 8/28/2013<br>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.<br><br>*** 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<br>23:30 | 8/29/2013<br>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<br>04:00 | 8/29/2013<br>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.<br><br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |
| 6                             | 4                       | 739.0             | 739.0                   | 9.97                   | 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<br>06:00 | 8/29/2013<br>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<br>12:00 | 8/29/2013<br>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<br>16:00 | 8/29/2013<br>17:00 | 1        | INT-NU/TEST | NIPPLE UP/TST   | NU/TEST   | Install new Bell Nipple, Turnbuckles, and Center up Stack.  |
| 8/29/2013<br>17:00 | 8/29/2013<br>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<br>22:00 | 8/30/2013<br>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<br>00:45 | 8/30/2013<br>01:15 | 0.5      | INT-RIGSVC         | RIG SERVICE PLANNED               | RIG_SVC                | Service top drive, blocks, drag chain, TM-80 and drawworks.   |
| 8/30/2013<br>01:15 | 8/30/2013<br>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<br>04:15 | 8/30/2013<br>04:30 | 0.25     | INT-CIRC           | CIRCULATE                         | CIRC                   | Displace fresh water with 10 ppg brine water.   |
| 8/30/2013<br>04:30 | 8/30/2013<br>05:45 | 1.25     | INT-TST CSG/DO/FIT | TEST CSG/DRILL OUT/FIT            | TEST CSG/DRILL OUT/FIT | Drill out float equipment and cement. Wiped Shoe track several times to ensure free and clear.                      |
| 8/30/2013<br>05:45 | 8/30/2013<br>06:00 | 0.25     | INT-DRILL-VERT     | DRILL INT VERT-ROTATE             | DRL-ROT                | Drill 12 1/4" Hole F/ 757' T/ 761'.<br>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<br>ORIG DRILLING | Primary Job Type<br>ODR | AFE Number<br>027784 |
|-------------------------------|-------------------------|----------------------|

|                            |                              |                              |                                    |                                 |                             |
|----------------------------|------------------------------|------------------------------|------------------------------------|---------------------------------|-----------------------------|
| Days From Spud (days)<br>7 | Days on Location (days)<br>5 | End Depth (ftGRD)<br>2,905.0 | End Depth (TVD) (ftGRD)<br>2,904.6 | Dens Last Mud (lb/gal)<br>10.30 | Rig<br>NABORS DRILLING, M58 |
|----------------------------|------------------------------|------------------------------|------------------------------------|---------------------------------|-----------------------------|

#### Operations Summary

Rot/Slid drill f/752' t/1,606', Service rig, Rot/Slid 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<br>06:00 | 8/30/2013<br>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<br>12:30 | 8/30/2013<br>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<br>13:00 | 8/30/2013<br>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<br>13:15 | 8/30/2013<br>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<br>13:45 | 8/30/2013<br>16:00 | 2.25     | INT-DRILL-VERT | DRILL INT VERT-ROTATE | DRL-ROT   | Rotate 189' = 84 fph rpm100/136 gpm-800   |
| 8/30/2013<br>16:00 | 8/30/2013<br>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<br>18:00 | 8/31/2013<br>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<br>00:30 | 8/31/2013<br>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<br>01:30 | 8/31/2013<br>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<br>03:00 | 8/31/2013<br>03:30 | 0.5      | INT-RIGSVC     | RIG SERVICE PLANNED   | RIG_SVC   | Service top drive.  |
| 8/31/2013<br>03:30 | 8/31/2013<br>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.<br><br>Note: BOP Drill @ 05:50hrs |

## Drilling & Completion Summary - Ascending

Well Name: UNIVERSITY 2-6 2H

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

|                               |                         |                   |                         |                        |                      |                      |  |  |
|-------------------------------|-------------------------|-------------------|-------------------------|------------------------|----------------------|----------------------|--|--|
| Job Category<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |  |  |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |  |  |
| 8                             | 6                       | 4,196.0           | 4,195.5                 | 8.70                   | 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,<br><br>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,<br><br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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<br>ORIG DRILLING |                              | Primary Job Type<br>ODR      |                                    |                                | AFE Number<br>027784        |  |
| Days From Spud (days)<br>10   | Days on Location (days)<br>8 | End Depth (ftGRD)<br>5,366.0 | End Depth (TVD) (ftGRD)<br>5,365.3 | Dens Last Mud (lb/gal)<br>8.80 | Rig<br>NABORS DRILLING, M58 |  |

#### Operations Summary

Rot/Slid drill f/5354 t/5389, Circulate(MWD failure), TOO1660' - pulled tight, worked tight spots, Tooh t/1410', TIH to bottom, Circulate and condition mud and hole, check flow, pump slug, TOO1660' 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. TOOH 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 TOOH 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<br>ORIG DRILLING |                         | Primary Job Type<br>ODR |                         |                        | AFE Number<br>027784 |  |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD)       | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |  |
| 11                            | 9                       | 6,279.0                 | 6,277.9                 | 8.80                   | 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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |  |  |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |  |  |
| 12                            | 10                      | 6,731.0           | 6,729.6                 | 8.80                   | 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<br>ORIG DRILLING |                               | Primary Job Type<br>ODR      |                                    |                                | AFE Number<br>027784        |  |
| Days From Spud (days)<br>13   | Days on Location (days)<br>11 | End Depth (ftGRD)<br>7,552.0 | End Depth (TVD) (ftGRD)<br>7,550.5 | Dens Last Mud (lb/gal)<br>8.90 | Rig<br>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<br>ORIG DRILLING |                               | Primary Job Type<br>ODR      |                                    |                                | AFE Number<br>027784        |  |
| Days From Spud (days)<br>14   | Days on Location (days)<br>12 | End Depth (ftGRD)<br>7,650.0 | End Depth (TVD) (ftGRD)<br>7,648.5 | Dens Last Mud (lb/gal)<br>8.90 | Rig<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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, [performed 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<br>ORIG DRILLING |                               | Primary Job Type<br>ODR      |                                    |                                | AFE Number<br>027784        |
| Days From Spud (days)<br>16   | Days on Location (days)<br>14 | End Depth (ftGRD)<br>7,958.0 | End Depth (TVD) (ftGRD)<br>7,956.5 | Dens Last Mud (lb/gal)<br>8.80 | Rig<br>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<br>ORIG DRILLING |  |  | Primary Job Type<br>ODR |  |  | AFE Number<br>027784 |  |  |
|-------------------------------|--|--|-------------------------|--|--|----------------------|--|--|

|                       |                         |                   |                         |                        |                      |
|-----------------------|-------------------------|-------------------|-------------------------|------------------------|----------------------|
| Days From Spud (days) | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |
| 17                    | 14                      | 7,958.0           | 7,956.5                 | 8.80                   | 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.<br><br>Final Report Rig released @ 15:30 hrs  |

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

|                               |  |  |                         |  |  |                      |  |  |
|-------------------------------|--|--|-------------------------|--|--|----------------------|--|--|
| Job Category<br>ORIG DRILLING |  |  | Primary Job Type<br>ODR |  |  | AFE Number<br>027784 |  |  |
|-------------------------------|--|--|-------------------------|--|--|----------------------|--|--|

|                       |                         |                   |                         |                        |                      |
|-----------------------|-------------------------|-------------------|-------------------------|------------------------|----------------------|
| Days From Spud (days) | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |
| 59                    | 15                      | 7,958.0           | 7,956.5                 | 9.70                   | 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<br>06:00 | 10/21/2013<br>09:00 | 3        | MOBILIZATION | RDMO            | RDMO      | Preping Rig for Walk F/ 2-6 1H T/ 2-6 2H.  |
| 10/21/2013<br>09:00 | 10/21/2013<br>10:30 | 1.5      | MOBILIZATION | RDMO            | RDMO      | Remove casing bales, elevators, & Flush mount slips from rig floor   |
| 10/21/2013<br>10:30 | 10/21/2013<br>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<br>15:00 | 10/21/2013<br>18:00 | 3        | MOBILIZATION | MIRU            | MIRU      | Install Flow line and Vibrating lines. Hook up Hydraulic lines on koomy skid.<br>Third party CHanging out seals on TD.   |
| 10/21/2013<br>18:00 | 10/22/2013<br>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<br>00:00 | 10/22/2013<br>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<br>ORIG DRILLING |                               |                              | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>60   | Days on Location (days)<br>16 | End Depth (ftGRD)<br>8,203.0 | End Depth (TVD) (ftGRD)<br>8,199.9 | Dens Last Mud (lb/gal)<br>9.70 | Rig<br>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<br>06:00 | 10/22/2013<br>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<br>07:30 | 10/22/2013<br>08:00 | 0.5      | PROD-NU/TEST  | NIPPLE UP/TEST            | NU/TEST   | Rig down testers and load out tools  |
| 10/22/2013<br>08:00 | 10/22/2013<br>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<br>08:30 | 10/22/2013<br>09:00 | 0.5      | PROD-TRIP     | TRIP                      | TRIP      | Installed wear bushing and tighten screw's.  |
| 10/22/2013<br>09:00 | 10/22/2013<br>09:30 | 0.5      | PLAN          | PERS                      | SFTY      | Hold pre job safety meeting i on picking up BHA  |
| 10/22/2013<br>09:30 | 10/22/2013<br>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<br>11:30 | 10/22/2013<br>16:00 | 4.5      | PROD-TRIP     | TRIP                      | TRIP      | Trip in hole with motor and bit. Strapping pipe back to bottom.  |
| 10/22/2013<br>16:00 | 10/22/2013<br>16:30 | 0.5      | PROD-CMT      | CEMENT PRODUCTION CASTING | CMT       | Clean floor of oil base mud.   |
| 10/22/2013<br>16:30 | 10/22/2013<br>17:00 | 0.5      | PROD-TRIP     | TRIP                      | TRIP      | Fisined TIH, tagged cement @ 7857'. Hole displacing properly.  |
| 10/22/2013<br>17:00 | 10/22/2013<br>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<br>19:45 | 10/22/2013<br>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<br>20:45 | 10/22/2013<br>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<br>22:30 | 10/23/2013<br>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<br>Taking surveys every 30 ft.                              |

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

|                               |                               |                              |                                    |                                |                             |                      |
|-------------------------------|-------------------------------|------------------------------|------------------------------------|--------------------------------|-----------------------------|----------------------|
| Job Category<br>ORIG DRILLING |                               |                              | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>61   | Days on Location (days)<br>17 | End Depth (ftGRD)<br>9,174.0 | End Depth (TVD) (ftGRD)<br>8,626.3 | Dens Last Mud (lb/gal)<br>9.70 | Rig<br>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<br>06:00 | 10/23/2013<br>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<br>10:00 | 10/23/2013<br>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<br>10:15 | 10/23/2013<br>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<br>10:45 | 10/23/2013<br>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<br>11:00 | 10/23/2013<br>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<br>16:45 | 10/23/2013<br>17:15 | 0.5       | PROD-RIGSVC      | RIG SERVICE PLANNED | RIG_SVC         | Rig Service - Changeout oiler pump on drawworks.                                  |
| 10/23/2013<br>17:15 | 10/23/2013<br>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<br>18:00 | 10/23/2013<br>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<br>18:45 | 10/23/2013<br>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<br>19:00 | 10/23/2013<br>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<br>20:00 | 10/23/2013<br>20:10 | 0.16<br>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<br>20:10 | 10/23/2013<br>20:45 | 0.58<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide (23'- 30.6 fph ) wob-15, mmrpm-168, gpm-601, diff-250                             |
| 10/23/2013<br>20:45 | 10/23/2013<br>20:55 | 0.16<br>7 | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate ( 7' -41.9 fph ) wob-19, rpm-50/168 gpm-601, diff-250, trq-7200                  |
| 10/23/2013<br>20:55 | 10/23/2013<br>21:45 | 0.83<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide (25'- 30.0' fph ) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS             |
| 10/23/2013<br>21:45 | 10/23/2013<br>21:55 | 0.16<br>7 | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate (8' ft- 47.9' fph ) wob-19, rpm-50/168, gpm-601,, diff-350 trq-7000              |
| 10/23/2013<br>21:55 | 10/23/2013<br>22:30 | 0.58<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | slide (23'- 39.4 fph ) wob-15, mmrpm-168, gpm- 601, diff-250 tool face - HS             |
| 10/23/2013<br>22:30 | 10/23/2013<br>23:00 | 0.5       | PROD-RIGSVC         | RIG SERVICE<br>PLANNED     | RIG_SVC                | Service rig top drive, blocks, drawworks, drg chain tm-80, 3 holed brakes               |
| 10/23/2013<br>23:00 | 10/24/2013<br>00:00 | 1         | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide ( 32'- 32' fph ) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS              |
| 10/24/2013<br>00:00 | 10/24/2013<br>00:15 | 0.25      | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate ( 15'- 60' fph ) wob-20, rpm-186/50, gpm-601, diff-400, torque- 6900             |
| 10/24/2013<br>00:15 | 10/24/2013<br>00:45 | 0.5       | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide ( 17'- 34' fph ) wob-15, mmrpm-168, gpm-601, diff-250, tool face-HS               |
| 10/24/2013<br>00:45 | 10/24/2013<br>00:55 | 0.16<br>7 | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate (5'- 29.9 ) wob-15, rpm-50/168, gpm-601, diff-425 torque-8000                    |
| 10/24/2013<br>00:55 | 10/24/2013<br>01:45 | 0.83<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide ( 26' -31.2' fph ) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS            |
| 10/24/2013<br>01:45 | 10/24/2013<br>02:00 | 0.25      | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate ( 15'-60' fph ) wob-20, rpm-50/168, gpm- 601, diff-250 torque-8000               |
| 10/24/2013<br>02:00 | 10/24/2013<br>02:15 | 0.25      | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide(17'- 68'- fph ) wob-15, mmrpm-168, gpm-601, diff-250, tool face -HS               |
| 10/24/2013<br>02:15 | 10/24/2013<br>02:19 | 0.08<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate ( 4' -5.3' fph ) wob-18, gpm-601, diff-350, TRQ-7500                             |
| 10/24/2013<br>02:19 | 10/24/2013<br>03:00 | 0.66<br>7 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide ( 28'-41.9' fph )wob-15, mmrpm-168, gpm-601, diff-250, tool face-HS               |
| 10/24/2013<br>03:00 | 10/24/2013<br>03:10 | 0.16<br>7 | INT-DRILL-<br>CURVE | DRILL INT CURVE-<br>ROTATE | DRL-ROT                | Rotate (5'-29.4' fph ) wob-15, rpm-50/168, gpm-601, diff-400, trq-7200                  |
| 10/24/2013<br>03:10 | 10/24/2013<br>04:00 | 0.83<br>3 | PROD-DRILL<br>CURVE | DRILL CURVE-SLIDE          | DRL<br>CURVE-<br>SLIDE | Slide ( 26'= 31.2' fph ) wob-15, mmrpm-168, gpm-601, diff-250, Tool face-HS             |
| 10/24/2013<br>04:00 | 10/24/2013<br>04:30 | 0.5       | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>ROT   | Rotate ( 32- 64' fph ) wob-23, rpm-50, gpm-601, diff- 450, trq-8800, Landed curve @9006 |
| 10/24/2013<br>04:30 | 10/24/2013<br>06:00 | 1.5       | PROD-DRILL<br>CURVE | DRILL CURVE-<br>ROTATE     | DRL<br>CURVE-<br>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<br>ORIG DRILLING | Primary Job Type<br>ODR | AFE Number<br>027784 |
|-------------------------------|-------------------------|----------------------|

|                             |                               |                              |                                    |                                |                             |
|-----------------------------|-------------------------------|------------------------------|------------------------------------|--------------------------------|-----------------------------|
| Days From Spud (days)<br>62 | Days on Location (days)<br>18 | End Depth (ftGRD)<br>9,932.0 | End Depth (TVD) (ftGRD)<br>8,628.6 | Dens Last Mud (lb/gal)<br>9.40 | Rig<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |  |  |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |  |  |
| 63                            | 19                      | 10,216.0          | 8,628.0                 | 9.40                   | 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_REAM   | 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<br>ORIG DRILLING | Primary Job Type<br>ODR | AFE Number<br>027784 |
|-------------------------------|-------------------------|----------------------|

|                             |                               |                               |                                    |                                |                             |
|-----------------------------|-------------------------------|-------------------------------|------------------------------------|--------------------------------|-----------------------------|
| Days From Spud (days)<br>64 | Days on Location (days)<br>20 | End Depth (ftGRD)<br>11,280.0 | End Depth (TVD) (ftGRD)<br>8,642.4 | Dens Last Mud (lb/gal)<br>9.40 | Rig<br>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<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>65   | Days on Location (days)<br>21 | End Depth (ftGRD)<br>11,840.0 | End Depth (TVD) (ftGRD)<br>8,659.5 | Dens Last Mud (lb/gal)<br>9.40 | Rig<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |  |  |
| Days From Spud (days)<br>66   | Days on Location (days)<br>22 | End Depth (ftGRD)<br>13,148.0 | End Depth (TVD) (ftGRD)<br>8,645.1 | Dens Last Mud (lb/gal)<br>9.40 | Rig<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |  |  |
| Days From Spud (days)<br>67   | Days on Location (days)<br>23 | End Depth (ftGRD)<br>13,831.0 | End Depth (TVD) (ftGRD)<br>8,670.0 | Dens Last Mud (lb/gal)<br>9.50 | Rig<br>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<br>ORIG DRILLING      | Primary Job Type<br>ODR        | AFE Number<br>027784          |
| Days From Spud (days)<br>68        | Days on Location (days)<br>24  | End Depth (ftGRD)<br>13,937.0 |
| End Depth (TVD) (ftGRD)<br>8,673.3 | Dens Last Mud (lb/gal)<br>9.50 | Rig<br>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 |

**Time Log Summary**

| Start Date          | End Date            | Dur (hr) | Activity           | Activity Detail                                    | Operation     | Com   |
|---------------------|---------------------|----------|--------------------|--|---------------|---|
| 10/30/2013<br>15:00 | 10/30/2013<br>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<br>16:00 | 10/30/2013<br>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<br>18:00 | 10/30/2013<br>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<br>19:45 | 10/30/2013<br>20:00 | 0.25     | PROD-TRIP          | TRIP   | TRIP          | Trip in hole 7 stands drill pipe  |
| 10/30/2013<br>20:00 | 10/30/2013<br>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<br>20:30 | 10/30/2013<br>23:00 | 2.5      | PROD-TRIP          | TRIP   | TRIP          | Trip in hole 58 stands drill pipe   |
| 10/30/2013<br>23:00 | 10/30/2013<br>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<br>23:15 | 10/31/2013<br>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<br>01:30 | 10/31/2013<br>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<br>03:00 | 10/31/2013<br>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<br>05:00 | 10/31/2013<br>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<br><b>ORIG DRILLING</b> |                                      |                                      | Primary Job Type<br><b>ODR</b>            |                                       |                                    | AFE Number<br><b>027784</b> |
| Days From Spud (days)<br><b>69</b>   | Days on Location (days)<br><b>25</b> | End Depth (ftGRD)<br><b>14,305.0</b> | End Depth (TVD) (ftGRD)<br><b>8,666.0</b> | Dens Last Mud (lb/gal)<br><b>9.60</b> | Rig<br><b>NABORS DRILLING, M58</b> |                             |

**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<br>06:00 | 10/31/2013<br>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<br>07:30 | 10/31/2013<br>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<br>09:00 | 10/31/2013<br>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<br>10:00 | 10/31/2013<br>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<br>11:30 | 10/31/2013<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>70   | Days on Location (days)<br>26 | End Depth (ftGRD)<br>14,407.0 | End Depth (TVD) (ftGRD)<br>8,664.0 | Dens Last Mud (lb/gal)<br>9.80 | Rig<br>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_REAM   | 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#<br>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#<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                 |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>71   | Days on Location (days)<br>27 | End Depth (ftGRD)<br>14,630.0 | End Depth (TVD) (ftGRD)<br>8,664.3 | Dens Last Mud (lb/gal)<br>10.00 | Rig<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                 |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>72   | Days on Location (days)<br>28 | End Depth (ftGRD)<br>15,673.0 | End Depth (TVD) (ftGRD)<br>8,658.4 | Dens Last Mud (lb/gal)<br>10.00 | Rig<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                 |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>73   | Days on Location (days)<br>29 | End Depth (ftGRD)<br>16,234.0 | End Depth (TVD) (ftGRD)<br>8,661.8 | Dens Last Mud (lb/gal)<br>10.00 | Rig<br>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<br>ORIG DRILLING |                               |                               | Primary Job Type<br>ODR            |                                 |                             | AFE Number<br>027784 |
| Days From Spud (days)<br>74   | Days on Location (days)<br>30 | End Depth (ftGRD)<br>16,516.0 | End Depth (TVD) (ftGRD)<br>8,645.5 | Dens Last Mud (lb/gal)<br>10.00 | Rig<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |
| 75                            | 31                      | 16,516.0          | 8,645.5                 | 10.00                  | 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'<br>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)<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |
| 76                            | 32                      | 16,998.0          | 8,646.2                 | 10.20                  | 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<br>06:00 | 11/7/2013<br>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<br>07:00 | 11/7/2013<br>08:00 | 1        | PROD-W&R           | WASH & REAM          | WASH_REAM     | Precautionary washed and reamed from 16258 to 16538 feet, with 0-5k WOB, 504 gpm, 80/141 rpm.   |
| 11/7/2013<br>08:00 | 11/7/2013<br>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<br>09:00 | 11/7/2013<br>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<br>11:30 | 11/7/2013<br>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<br>14:00 | 11/7/2013<br>15:00 | 1        | PROD-W&R           | WASH & REAM          | WASH_REAM     | 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<br>15:00 | 11/7/2013<br>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<br>15:30 | 11/7/2013<br>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<br>16:45 | 11/7/2013<br>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<br>18:00 | 11/7/2013<br>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<br>18:45 | 11/7/2013<br>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<br>23:15 | 11/8/2013<br>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<br>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<br>03:00 | 11/8/2013<br>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.<br>Broke out of hard formation at 16980'. Adjusted WOB in attempt to slow build tendency.  |
| 11/8/2013<br>04:30 | 11/8/2013<br>05:00 | 0.5      | PROD-RIGSVC        | RIG SERVICE PLANNED  | RIG_SVC       | Rig Service - Top Drive   |
| 11/8/2013<br>05:00 | 11/8/2013<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>027784 |
| Days From Spud (days)         | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                  |                      |
| 77                            | 33                      | 17,433.0          | 8,642.9                 | 10.20                  | 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<br>ORIG DRILLING | Primary Job Type<br>ODR | AFE Number<br>027784 |
|-------------------------------|-------------------------|----------------------|

|                             |                               |                               |                                    |                                 |                             |
|-----------------------------|-------------------------------|-------------------------------|------------------------------------|---------------------------------|-----------------------------|
| Days From Spud (days)<br>78 | Days on Location (days)<br>34 | End Depth (ftGRD)<br>17,908.0 | End Depth (TVD) (ftGRD)<br>8,658.4 | Dens Last Mud (lb/gal)<br>10.20 | Rig<br>NABORS DRILLING, M58 |
|-----------------------------|-------------------------------|-------------------------------|------------------------------------|---------------------------------|-----------------------------|

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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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<br>@ 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.<br>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<br>ORIG DRILLING |                         |                   | Primary Job Type<br>ODR |                        |                      | AFE Number<br>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<br>ORIG DRILLING      | Primary Job Type<br>ODR         | AFE Number<br>027784          |
| Days From Spud (days)<br>81        | Days on Location (days)<br>37   | End Depth (ftGRD)<br>18,173.0 |
| End Depth (TVD) (ftGRD)<br>8,647.0 | Dens Last Mud (lb/gal)<br>10.20 | Rig<br>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<br>07:30 | 11/12/2013<br>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<br>15:00 | 11/12/2013<br>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<br>16:00 | 11/12/2013<br>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<br>17:00 | 11/12/2013<br>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<br>18:30 | 11/12/2013<br>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<br>19:30 | 11/12/2013<br>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<br>19:30 | 11/12/2013<br>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<br>21:00 | 11/12/2013<br>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<br>23:30 | 11/13/2013<br>01:00 | 1.5      | PROD-CIRC | CIRCULATE              | CIRC      | Circulate Btms up (4600 stks) @ 231gpm.   |
| 11/13/2013<br>01:00 | 11/13/2013<br>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<br><b>ORIG DRILLING</b> | Primary Job Type<br><b>ODR</b> | AFE Number<br><b>027784</b> |
|--------------------------------------|--------------------------------|-----------------------------|

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

#### 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: 60bbbls of Mud Push - 251bbbls of Scavenger (lead) - 548bbbls of Tail and 401bbbls 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<br>06:00 | 11/13/2013<br>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<br>07:00 | 11/13/2013<br>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<br>09:00 | 11/13/2013<br>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<br>13:30 | 11/13/2013<br>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<br>15:30 | 11/13/2013<br>17:30 | 2        | PROD1     | SHARE                     | RIGSER    | Held pre job safety meeting w/ all personell on Production Cement job.<br>Pick up FOSV and RU cement head and lines.   |
| 11/13/2013<br>17:30 | 11/13/2013<br>22:00 | 4.5      | PROD-CMT  | CEMENT PRODUCTION CASTING | CMT       | Swap lines to pump truck Pressure test cement lines @ 8500 psi<br><br>Cement 5-1/2" 20 ppf P-110 Tenaris BTC as follows:<br><br>Mix and Pump @ 5 bpm<br><br>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. )<br><br>Mix and Pump @ 5 bpm<br>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.<br><br>Mix and Pump @ 5 bpm<br>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<br><br>Drop Top Plug. Mix and Pump @ 5 bpm<br><br>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.<br><br>Bumped Plug @ 1000psi over final lift pressure of 1945psi (2950psi)<br><br>Circulated out 3bbls of mud push to surface Full returns throughout operations.<br><br>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<br>22:00 | 11/13/2013<br>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

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

|                                 |                         |                      |
|---------------------------------|-------------------------|----------------------|
| Job Category<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                             |                              |                            |                         |                        |                     |
|-----------------------------|------------------------------|----------------------------|-------------------------|------------------------|---------------------|
| Days From Spud (days)<br>90 | Days on Location (days)<br>1 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>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.<br>Proceeded to load well with fresh water with RSI frac pumps until we gained pressure.<br>Applied 8,500 psi on casing and held for five minutes. No loss in pressure<br>Continue to slowly increase pressure to 9,500 psi.<br>Reached a pressure of 9,550 psi, pumped kicked out at 9,550 psi. Pressure dropped to 3,700 psi.<br>Uncertain that the sleeve opened. Decided to slowly apply rate to make certain. Pumped 3 bbls @ 4,866 psi.<br>Shut down, monitored pressure for 10 mins.Pressure flatlined at 3,088 psi.<br>Pumped an additional 3 bbls ( 3 bpm @ 4,939 psi. Shut down, monitored well for 5 mins<br>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<br>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<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                             |                              |                            |                         |                        |     |
|-----------------------------|------------------------------|----------------------------|-------------------------|------------------------|-----|
| Days From Spud (days)<br>91 | Days on Location (days)<br>2 | End Depth (ftGRD)<br>-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<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>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<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>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<br>Casing pressure gauge reading-1,900 psi<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig |                      |
| 103                             | 7                       | -22.0             |                         |                        |     |                      |

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

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

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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig |                      |
| 106                             | 10                      | -22.0             |                         |                        |     |                      |

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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig |                      |
| 107                             | 11                      | -22.0             |                         |                        |     |                      |

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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig |                      |
| 108                             | 12                      | -22.0             |                         |                        |     |                      |

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.<br><br>FTR: 979 bbbs<br>LTR: 979 bbbs |
| 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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig |                      |
| 109                             | 13                      | -22.0             |                         |                        |     |                      |

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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |          | AFE Number<br>027777 |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig      |                      |
| 110                             | 14                      | -22.0             |                         |                        | 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 sheered, 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<br>14:15 | 12/11/2013<br>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<br>18:00 | 12/11/2013<br>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<br>23:00 | 12/12/2013<br>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<br>03:00 | 12/12/2013<br>04:30 | 1.5      | COMPL    | Other operations    | OTHR      | Secure well, Rig down coil unit move off location.  |
| 12/12/2013<br>04:30 | 12/12/2013<br>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<br>ORIG COMPLETION                              |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>111                                 | Days on Location (days)<br>15 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>PIONEER PUMPING SERVICES, P.A.T |                      |
| Operations Summary<br>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<br>06:00 | 12/13/2013<br>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<br>ORIG COMPLETION  |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>112   | Days on Location (days)<br>16 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>PIONEER PUMPING SERVICES, P.A.T |                      |
| Operations Summary<br>Frac Stages 1<br>Perf Stages 2   |                               |                            |                         |                        |  |                      |
| Ran chemicals on all stages with Pro Technics<br>Issues with setting sleeve hanging on over torqued collars while logging out : SEE TIME LOG for details   |                               |                            |                         |                        |  |                      |
| Remarks<br>PPS Down Time: 5.35 Hrs__Cum 5.35 Hrs<br>E&P Down Time: 0.00 Hrs__Cum 0.00 Hrs<br>Select Down Time: 0.00 Hrs__Cum 0.00 Hrs<br><br>FTR: 9,930 bbls<br><br>RT: 0000 bbls<br><br>CR: 0000 bbls<br><br>LTR: 9,930 bbls<br><br>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<br>06:00 | 12/13/2013<br>08:30 | 2.5      | MOBILIZATION     | MIRU   | MIRU        | Waiting on PPS and all third party to complete the rig up.  |
| 12/13/2013<br>08:30 | 12/13/2013<br>13:00 | 4.5      | COMPL_UNPLN<br>D | Unplanned time due to PXD pumping services`        | U_PEPX<br>D | Pioneer having issues with the suction valves on the blender.Unable to load and test lines.<br>Have to replace two actuator valves.Waiting on repairs.  |
| 12/13/2013<br>13:00 | 12/13/2013<br>14:30 | 1.5      | COMPL            | Frac   | STIM        | Started the frac with 12 pumps.Had to shut down during pad.<br>Lost packing on two pumps and a d-ring on another.   |
| 12/13/2013<br>14:30 | 12/13/2013<br>15:15 | 0.75     | COMPL            | Required pump maintenance for zipper frac equipmem | ZPM         | PPS downtime related to pump maintenance  |
| 12/13/2013<br>15:15 | 12/13/2013<br>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<br/>36,667 # 100 MESH / 170,977 # 40/70 Brady/ 8,284 BBLS<br/>Slickwater fluid, down 5.5' CSG</p> <p>Formation broke @ 20 BPM/ 5,004 PSI<br/>Acid on form @ 30 BPM/ 6,224 PSI<br/>Acid cleared @ 60 BPM/ 7,520 PSI</p> <p>Pad ISIP: 3,752 PSI</p> <p>Avg rate: 72 BPM            Avg PSI: 7,809<br/>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<br/>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.<br/>Pump kept kicking out during the 1.5# stage causing an eratic pressure change.<br/>Pressure started to increase on the tail end of the 1.5# stage.<br/>Staged to the 1.75# stage and pressure continued to climb.<br/>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<br>17:00 | 12/13/2013<br>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<br><br>Pump Down @ 18 bpm / 8300 psi. Line Speed 275 ft/min<br><br>Used 667 bbls<br>LTR Total 9,930 bbls<br><br>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<br>22:15 | 12/14/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>113    | Days on Location (days)<br>17 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/14/2013<br>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<br>09:45 | 12/14/2013<br>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<br/>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<br/>Acid on form @ 30 BPM/ 6,436 PSI<br/>Acid cleared @ 60 BPM/ 6,952 PSI</p> <p>Pad ISIP: 3,643 PSI</p> <p>Avg rate: 80 BPM      Avg PSI: 7,387<br/>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<br/>SIF: 351,639 #      Total SIF: 559,283 #</p>   |
| 12/14/2013<br>12:00 | 12/14/2013<br>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<br>18:00 | 12/14/2013<br>21:30 | 3.5      | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #3 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 19,152 Bbls</p>   |
| 12/14/2013<br>21:30 | 12/15/2013<br>02:30 | 5        | COMPL    | Other operations                       | OTHR      | WSI pending ops on 1H and 3H  |
| 12/15/2013<br>02:30 | 12/15/2013<br>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<br/>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<br/>                  @ 60 BPM/5,876<br/>                  @ 40 BPM/4,873<br/>                  @ 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<br/>Max rate: 80.0 BPM      Max PSI: 8,688</p> <p>ISIP: 4279 PSI      FG .97</p> <p>FTR: 29,187 BBLS<br/>SIF: 350,585 #<br/>Total SIF: 909,868 #</p> |
| 12/15/2013<br>05:00 | 12/15/2013<br>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<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                              |                               |                            |                         |                        |  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|--|
| Days From Spud (days)<br>114 | Days on Location (days)<br>18 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/15/2013<br>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<br><br>Pump Down @ 15 bpm / 6,500 psi. Line Speed 270 ft/min<br><br>Used 365 bbls<br>LTR Total 29,552 Bbls  |
| 12/15/2013<br>09:00 | 12/15/2013<br>15:00 | 6        | COMPL    | Other operations                       | OTHR      | WSI, Waited on frac ops on the 3H and 1H  |
| 12/15/2013<br>15:00 | 12/15/2013<br>17:15 | 2.25     | COMPL    | Frac                                   | STIM      | Frac Stage # 4 of 31. Test stack to 9,500 PSI , Frac perms 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<br><br>Formation broke @ 15 BPM/ 4,517 PSI<br><br>Shutdown: @ 80 BPM/ 6,965 PSI<br>@ 60 BPM/ 5,741 PSI<br>@ 40 BPM/ 4,708 PSI<br>@ 20 BPM/ 3,904 PSI<br><br>Pad ISIP: 3,423 PSI / 5 Min: 3,238 PSI<br><br>Avg rate: 78 BPM           Avg PSI: 6,730<br>Max rate: 80.0 BPM       Max PSI: 7,367<br><br>ISIP: 3,294 PSI           FG .85<br><br>FTR: 38,149 BBLS<br>SIF: 351,550 #<br>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<br>17:15 | 12/15/2013<br>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<br><br>Pump Down @ 15 bpm / 5800 psi. Line Speed 295 ft/min<br><br>Used 415 bbls<br>LTR Total 38,564 Bbls   |
| 12/15/2013<br>20:15 | 12/16/2013<br>02:45 | 6.5      | COMPL    | Other operations                       | OTHR      | WSI pending ops on 1H and 3H  |
| 12/16/2013<br>02:45 | 12/16/2013<br>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<br>37,813 # 100 MESH / 314,025 # 40/70 Brady/ 8,840 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 20 BPM/ 4114 PSI<br><br>Shutdown: @ 80 BPM/6598 PSI<br>@ 60 BPM/5450 PSI<br>@ 40 BPM/4530 PSI<br>@ 20 BPM/3843 PSI<br><br>Pad ISIP: 3513 PSI / 5 Min: 3293 PSI<br><br>Avg rate: 80.0 BPM      Avg PSI: 6,682<br>Max rate: 80.0 BPM      Max PSI: 7,278<br><br>ISIP: 3424 PSI            FG .87<br><br>FTR: 47,404 BBLS<br>SIF: 351,838 #<br>TOTAL SIF:1,613,256 # |
| 12/16/2013<br>05:15 | 12/16/2013<br>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<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                              |                               |                            |                         |                        |  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|--|
| Days From Spud (days)<br>115 | Days on Location (days)<br>19 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/16/2013<br>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<br><br>Pump Down @ 15 bpm / 5,750 psi. Line Speed 300 ft/min<br><br>Used 317 bbls<br>LTR Total 47,721 Bbls  |
| 12/16/2013<br>07:30 | 12/16/2013<br>13:15 | 5.75     | COMPL    | Other operations                       | OTHR      | WSI, Waited on frac ops on the 3H and 1H  |
| 12/16/2013<br>13:15 | 12/16/2013<br>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<br>37,506 # 100 MESH / 314,787 # 40/70 Brady/ 9,122 BBLS Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 14 BPM/ 4,826 PSI<br><br>Shutdown: @ 75 BPM/ 7,084 PSI<br>@ 60 BPM/ 5,894 PSI<br>@ 40 BPM/ 4,580 PSI<br>@ 20 BPM/ 3,858 PSI<br><br>Pad ISIP: 3,383 PSI / 5 Min: 3,221 PSI<br><br>Avg rate: 79 BPM           Avg PSI: 6,763<br>Max rate: 80.0 BPM       Max PSI: 7,584<br><br>ISIP: 3,435 PSI           FG .86<br><br>FTR: 56,843 BBLS<br>SIF: 352,293 #<br>TOTAL SIF: 1,965,549 #<br><br>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<br>16:00 | 12/16/2013<br>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<br><br>Pump Down @ 15 bpm / 6100 psi. Line Speed 295 ft/min<br><br>Used 307 bbls<br>LTR Total 57,150 Bbls   |
| 12/16/2013<br>18:45 | 12/17/2013<br>04:15 | 9.5      | COMPL    | Other operations                       | OTHR      | WSI pending ops on 3H and 1H  |
| 12/17/2013<br>04:15 | 12/17/2013<br>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<br>ORIG COMPLETION |                               | Primary Job Type<br>OCM    |                         |                        | AFE Number<br>027777                   |
| Days From Spud (days)<br>116    | Days on Location (days)<br>20 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>PIONEER PUMPING SERVICES, P.A.T |

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

Ran chemicals on all stages with Pro Technics  
 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<br>06:00 | 12/17/2013<br>06:15 | 0.25     | COMPL    | Frac                                   | STIM      | Frac Stage # 7 of 32. Test stack to 9,500 PSI , Frac perms as proposed W/ 46 bbls. 15% HCL<br>37,429 # 100 MESH / 313,317 # 40/70 Brady/ 8,970 BBLS Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 20 BPM/ 5173 PSI<br><br>Pad ISIP: 3630 PSI<br><br>Avg rate: 80 BPM      Avg PSI: 7,246<br>Max rate: 80.0 BPM      Max PSI: 8,673<br><br>ISIP: 3,307 PSI      FG .85<br><br>FTR: 66,120 BBLS<br>SIF: 350,746 #<br>TOTAL SIF: 2,316,295 #<br><br>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. |
| 12/17/2013<br>06:15 | 12/17/2013<br>09:15 | 3        | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | 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<br><br>Pump Down @ 15 bpm / 5,800 psi. Line Speed 260 ft/min<br><br>Used 296 bbls<br>LTR Total 66,416 Bbls  |
| 12/17/2013<br>09:15 | 12/17/2013<br>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<br>16:15 | 12/17/2013<br>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<br/>38,346 # 100 MESH / 191,534 # 40/70 Brady/ 9,378 BBLs<br/>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<br/>Max rate: 80.0 BPM      Max PSI: 8,434</p> <p>ISIP: 0 PSI      FG .83</p> <p>FTR: 75,794 BBLs<br/>SIF: 234,759 #<br/>TOTAL SIF: 2,551,054#</p> <p>Note- Unable to perform a step down and receive a pad isip due to high well pressure.<br/>Pressure increased after breakdown to 8,918 psi at 80 bpm. Decided to spearhead an additional 1,500 gals of 15% HCL.<br/>Pressure started to fall after displacing the acid. Let the pressure line out 80 bpm @ 8,081 psi.<br/>Decided to send a .25# slug of 100 Mesh ( 1,500 lbs ).<br/>Pressure was at 8,376 while displacing the sand slug.<br/>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<br/>as designed. Pressure dropped to 7,137 psi. Decided to start sand as designed.</p> |
| 12/17/2013<br>18:45 | 12/17/2013<br>21:15 | 2.5      | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #9 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 85,485 Bbls</p>   |
| 12/17/2013<br>21:15 | 12/18/2013<br>04:15 | 7        | COMPL    | Other operations                       | OTHR      | WSI pending ops on 1H and 3H   |
| 12/18/2013<br>04:15 | 12/18/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |  |  |
| Days From Spud (days)<br>117    | Days on Location (days)<br>21 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/18/2013<br>07:30 | 1.5      | COMPL    | Frac                                   | STIM      | Frac Stage # 9 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 36 bbls. 15% HCL<br>37,750 # 100 MESH / 314,127 # 40/70 Brady/ 9,058 BBLS Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 20 BPM/ 5,259 PSI<br><br>Stepdown: @ 80 BPM/6,926 PSI<br>@ 60 BPM/5,772 PSI<br>@ 40 BPM/4,860 PSI<br>@ 20 BPM/4,062 PSI<br><br>Pad ISIP: 3,448 PSI / 5 Min: 3,139 PSI<br><br>Avg rate: 80.4 BPM           Avg PSI: 7,309 psi<br>Max rate: 81.5 BPM        Max PSI: 8,452<br><br>ISIP: 3,278 PSI            FG ..847<br><br>FTR: 85,205 BBLS<br>SIF: 351,877 #<br>TOTAL SIF: 2,902,931 # |
| 12/18/2013<br>07:30 | 12/18/2013<br>09:00 | 1.5      | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | 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<br><br>Pump Down @ 15 bpm / 5,400 psi. Line Speed 290 ft/min<br><br>Used 280 bbls<br>LTR Total 85,485 Bbls  |
| 12/18/2013<br>09:00 | 12/18/2013<br>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<br>14:00 | 12/18/2013<br>16:30 | 2.5      | COMPL    | Frac                                   | STIM      | <p>Frac Stage # 10 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 36 bbls. 15% HCL<br/>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<br/>@ 60 BPM/6,270 PSI<br/>@ 40 BPM/5,090 PSI<br/>@ 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<br/>Max rate: 81 BPM      Max PSI: 7,556 psi</p> <p>ISIP: 3,399 PSI      FG .863</p> <p>FTR: 94,352 BBLS<br/>SIF: 351,457 #<br/>TOTAL SIF: 3,254,388 #</p>   |
| 12/18/2013<br>16:30 | 12/18/2013<br>18:15 | 1.75     | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #11 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 94,650 Bbls</p>  |
| 12/18/2013<br>18:15 | 12/18/2013<br>23:15 | 5        | COMPL    | Other operations                       | OTHR      | WSI, Waited on frac ops on the 3H and 1H   |
| 12/18/2013<br>23:15 | 12/19/2013<br>01:30 | 2.25     | COMPL    | Frac                                   | STIM      | <p>Frac Stage # 11 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 59 bbls. 15% HCL<br/>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<br/>@ 60 BPM/ 5,680 PSI<br/>@ 40 BPM/ 4,882 PSI<br/>@ 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<br/>Max rate: 81.0 BPM      Max PSI: 7,436</p> <p>ISIP: 3,348 PSI      FG .85</p> <p>FTR: 103,520 BBLS<br/>SIF: 323,862 #<br/>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<br>01:30 | 12/19/2013<br>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<br><br>Pump Down @ 15 bpm / 5,800 psi. Line Speed 270 ft/min<br><br>Used 256 bbls<br>LTR Total 103,776 Bbls |
| 12/19/2013<br>04:00 | 12/19/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>118    | Days on Location (days)<br>22 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/19/2013<br>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<br>14:00 | 12/19/2013<br>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<br/>35,914 # 100 MESH / 316,179 # 40/70 Brady/ 9,967 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 20 BPM/ 4,698 PSI</p> <p>Shutdown: @ 80 BPM/6,953 PSI<br/>@ 60 BPM/5,733 PSI<br/>@ 40 BPM/4,728 PSI<br/>@ 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<br/>Max rate: 82 BPM      Max PSI: 8,883</p> <p>ISIP: 3,024 PSI      FG .82</p> <p>FTR: 9,967 BBLs<br/>SIF: 352,093 #<br/>TOTAL SIF: 3,930,343 #</p> <p>During 1.75# sand stage pressure began 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<br>16:30 | 12/19/2013<br>18:15 | 1.75     | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #13 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 113,984 Bbls</p>   |
| 12/19/2013<br>18:15 | 12/20/2013<br>00:15 | 6        | COMPL    | Other operations                       | OTHR      | WSI, Waited on frac ops on the 3H and 1H   |
| 12/20/2013<br>00:15 | 12/20/2013<br>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<br/>37,439 # 100 MESH / 314,886 # 40/70 Brady/ 8,687 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4,623 PSI</p> <p>Shutdown: @ 80 BPM/ 6,485 PSI<br/>@ 60 BPM/ 5,509 PSI<br/>@ 40 BPM/ 4,696 PSI<br/>@ 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<br/>Max rate: 81.0 BPM      Max PSI: 7,300</p> <p>ISIP: 3,391 PSI      FG .86</p> <p>FTR: 122,671 BBLs<br/>SIF: 352,325 #<br/>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<br>02:30 | 12/20/2013<br>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<br><br>Pump Down @ 15 bpm / 5,550 psi. Line Speed 280 ft/min<br><br>Used 227 bbls<br>LTR Total 122,898 Bbls |
| 12/20/2013<br>04:30 | 12/20/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>119    | Days on Location (days)<br>23 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/20/2013<br>09:30 | 3.5      | COMPL    | Other operations | OTHR      | WSI, Waited on frac ops on the 3H and 1H  |
| 12/20/2013<br>09:30 | 12/20/2013<br>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<br>35,547 # 100 MESH / 317,032 # 40/70 Brady/ 9,078 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 20 BPM/ 5,285 PSI<br><br>Shutdown: @ 80 BPM/6,791 PSI<br>@ 60 BPM/5,609 PSI<br>@ 40 BPM/4,635 PSI<br>@ 20 BPM/3,878 PSI<br><br>Pad ISIP: 3,302 PSI / 5 Min: 2,782 PSI<br><br>Avg rate: 80 BPM           Avg PSI: 6,753<br>Max rate: 81 BPM           Max PSI: 8,851<br><br>ISIP: 3,442 PSI           FG .87<br><br>FTR: 9,078 BBLS<br>SIF: 352,579 #<br>TOTAL SIF: 4,635,247 # |
| 12/20/2013<br>11:45 | 12/20/2013<br>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<br>15:30 | 12/20/2013<br>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<br><br>Pump Down @ 15 bpm / 5,200 psi. Line Speed 300 ft/min<br><br>Used 217 bbls<br>LTR Total 132,193 Bbls  |
| 12/20/2013<br>17:00 | 12/20/2013<br>20:15 | 3.25     | COMPL         | Other operations                            | OTHR      | WSI, Waited on frac ops on the 3H and 1H  |
| 12/20/2013<br>20:15 | 12/20/2013<br>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<br>22:00 | 12/20/2013<br>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<br>22,506 # 100 MESH / 317,133 # 40/70 Brady/ 9,764 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4,310 PSI<br><br>Shutdown: @ 80 BPM/ 6,266 PSI<br>@ 60 BPM/ 5,322 PSI<br>@ 40 BPM/ 4,467 PSI<br>@ 20 BPM/ 3,765 PSI<br><br>Pad ISIP: 3,422 PSI / 5 Min: 3,194 PSI<br><br>Avg rate: 79 BPM           Avg PSI: 6,528<br>Max rate: 80.0 BPM       Max PSI: 7,254<br><br>ISIP: 3,094 PSI           FG .79<br><br>FTR: 141,957 BBLS<br>SIF: 352,139 #<br>TOTAL SIF: 4,987,386 #<br><br>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<br>23:45 | 12/21/2013<br>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<br><br>Pump Down @ 15 bpm / 5,575 psi. Line Speed 280 ft/min<br><br>Used 226 bbls<br>LTR Total 142,183 Bbls  |
| 12/21/2013<br>02:00 | 12/21/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |  |  |
| Days From Spud (days)<br>120    | Days on Location (days)<br>24 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/21/2013<br>07:45 | 1.75     | COMPL    | Other operations                                   | OTHR      | WSI,Waited on frac ops on the 3H and 1H.   |
| 12/21/2013<br>07:45 | 12/21/2013<br>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<br/>36,363 # 100 MESH / 314,391 # 40/70 Brady/ 9,212 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5,512 PSI</p> <p>Shutdown: @ 80 BPM/6,308 PSI<br/>@ 60 BPM/5,335 PSI<br/>@ 40 BPM/4,538 PSI<br/>@ 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<br/>Max rate: 80.0 BPM Max PSI: 7,079</p> <p>ISIP: 3,427 PSI FG .83</p> <p>FTR: 9,212 BBLs<br/>SIF: 350,754 #<br/>TOTAL SIF: 5,338,140 #</p> |
| 12/21/2013<br>10:00 | 12/21/2013<br>12:00 | 2        | COMPL    | RIH w/WL, set plug and perf, POOH w/WL             | PERF      | <p>RU E&amp;P WL for stage #17 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 151,602 Bbls</p>   |
| 12/21/2013<br>12:00 | 12/21/2013<br>19:30 | 7.5      | COMPL    | Other operations                                   | OTHR      | WSI,Waited on frac ops on the 3H and 1H.   |
| 12/21/2013<br>19:30 | 12/21/2013<br>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<br>22:15 | 12/22/2013<br>00:30 | 2.25     | COMPL    | Frac                                   | STIM      | <p>Frac Stage # 17 of 31. Test stack to 9,500 PSI , Frac perfs as proposed w/ 43 bbls. 15% HCL<br/>37,547 # 100 MESH / 313868 # 40/70 Brady/ 8654 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5028 PSI</p> <p>Shutdown: @ 80 BPM/6169 PSI<br/>@ 60 BPM/5176 PSI<br/>@ 40 BPM/4452 PSI<br/>@ 20 BPM/3824 PSI</p> <p>Pad ISIP: 3412 PSI / 5 Min: 3053 PSI</p> <p>Avg rate: 77 BPM      Avg PSI: 6150<br/>Max rate: 80.0 BPM      Max PSI: 6625</p> <p>ISIP: 3199 PSI      FG .84</p> <p>FTR: 160256 BBLs<br/>SIF: 351414 #<br/>TOTAL SIF: 5,689,555 #</p> |
| 12/22/2013<br>00:30 | 12/22/2013<br>02:30 | 2        | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #18 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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</p> <p>Pump Down @ 15 bpm / 5,225 psi. Line Speed 290 ft/min</p> <p>Used 213 bbls<br/>LTR Total 160,469 Bbls</p>  |
| 12/22/2013<br>02:30 | 12/22/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>121    | Days on Location (days)<br>25 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/22/2013<br>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<br>08:45 | 12/22/2013<br>10:45 | 2        | COMPL    | Frac                                   | STIM      | <p>Frac Stage # 18 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ XX bbls. 15% HCL<br/>39,540 # 100 MESH / 311,541 # 40/70 Brady/ 8,792 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4,445 PSI</p> <p>Shutdown: @ 80 BPM/6,199 PSI<br/>@ 60 BPM/5,186 PSI<br/>@ 40 BPM/4,415 PSI<br/>@ 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<br/>Max rate: 81 BPM      Max PSI: 7,015</p> <p>ISIP: 3,171 PSI      FG .83</p> <p>FTR: 8,792 BBLs<br/>SIF: 351,081 #<br/>TOTAL SIF: 6,040,636 #</p> |
| 12/22/2013<br>10:45 | 12/22/2013<br>12:30 | 1.75     | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #19 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 169,459 Bbls</p>  |
| 12/22/2013<br>12:30 | 12/22/2013<br>18:45 | 6.25     | COMPL    | Other operations                       | OTHR      | WSI, Waited on frac ops on the 3H and 1H.   |
| 12/22/2013<br>18:45 | 12/22/2013<br>20:45 | 2        | COMPL    | Frac                                   | STIM      | <p>Frac Stage # 19 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 37 bbls. 15% HCL<br/>38178 # 100 MESH / 314572 # 40/70 Brady/ 8612 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4533 PSI</p> <p>Shutdown: @ 80 BPM/6515 PSI<br/>@ 60 BPM/5413 PSI<br/>@ 40 BPM/4584 PSI<br/>@ 20 BPM/3935 PSI</p> <p>Pad ISIP: 3421 PSI / 5 Min: 3097 PSI</p> <p>Avg rate: 79 BPM      Avg PSI: 6152<br/>Max rate: 80.0 BPM      Max PSI: 6713</p> <p>ISIP: 3056 PSI      FG .82</p> <p>FTR: 178,071 BBLs<br/>SIF: 352,750 #<br/>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<br>20:45 | 12/22/2013<br>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<br><br>Pump Down @ 15 bpm / 5,250 psi. Line Speed 320 ft/min<br><br>Used 175 bbls<br>LTR Total 178,246 Bbls |
| 12/22/2013<br>22:30 | 12/23/2013<br>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<br><b>ORIG COMPLETION</b> |                               |                            | Primary Job Type<br><b>OCM</b> |                        |   | AFE Number<br><b>027777</b> |
| Days From Spud (days)<br>122           | Days on Location (days)<br>26 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD)        | Dens Last Mud (lb/gal) | Rig<br><b>PIONEER PUMPING SERVICES, P.A.T</b> |                             |

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<br>06:00 | 12/23/2013<br>08:30 | 2.5      | COMPL    | Other operations | OTHR      | WSI, Waited on frac ops on the 3H and 1H.   |
| 12/23/2013<br>08:30 | 12/23/2013<br>10:30 | 2        |          |                  |           | Frac Stage 20 of 33. Test stack to 9,500 PSI , Frac perfs as proposed W/ 18 bbls. 15% HCL<br>36,542 # 100 MESH / 314,676 # 40/70 Brady/ 8,772 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4,468 PSI<br><br>Shutdown: @ 80 BPM/6,109 PSI<br>@ 60 BPM/5,220 PSI<br>@ 40 BPM/4,464 PSI<br>@ 20 BPM/3,849 PSI<br><br>Pad ISIP: 3,400 PSI / 5 Min: 2,786 PSI<br><br>Avg rate: 72 BPM           Avg PSI: 5,807<br>Max rate: 81 BPM           Max PSI: 7,890<br><br>ISIP: 3,169 PSI           FG .83<br><br>FTR: 8,772 BBLS<br>SIF: 351,218 #<br>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<br>10:30 | 12/23/2013<br>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<br><br>Pump Down @ 15 bpm / 5,100 psi. Line Speed 300 ft/min<br><br>Used 167 bbls<br>LTR Total 187,185 Bbls |
| 12/23/2013<br>12:30 | 12/24/2013<br>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<br><b>ORIG COMPLETION</b> |                               |                            | Primary Job Type<br><b>OCM</b> |                        |   | AFE Number<br><b>027777</b> |
| Days From Spud (days)<br>123           | Days on Location (days)<br>27 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD)        | Dens Last Mud (lb/gal) | Rig<br><b>PIONEER PUMPING SERVICES, P.A.T</b> |                             |

#### 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<br>06:00 | 12/25/2013<br>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<br><b>ORIG COMPLETION</b> |                               |                            | Primary Job Type<br><b>OCM</b> |                        |   | AFE Number<br><b>027777</b> |
| Days From Spud (days)<br>124           | Days on Location (days)<br>28 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD)        | Dens Last Mud (lb/gal) | Rig<br><b>PIONEER PUMPING SERVICES, P.A.T</b> |                             |

#### 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<br>06:00 | 12/26/2013<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>125    | Days on Location (days)<br>29 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |
| Days From Spud (days)<br>126    | Days on Location (days)<br>30 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>11:30 | 12/27/2013<br>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<br/>36,535 # 100 MESH / 313,857 # 40/70 Brady/ 10,209 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4885 PSI</p> <p>Shutdown: @ 80 BPM/6630 PSI<br/>@ 60 BPM/5850 PSI<br/>@ 40 BPM/4966 PSI<br/>@ 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<br/>Max rate: 81.0 BPM      Max PSI: 8776 PSI</p> <p>ISIP:3471 PSI      FG .87</p> <p>FTR: 10,209 BBLs<br/>SIF: 350,392 lbs<br/>TLTR: 197,394 BBLs<br/>TSIF: 7,094,966 LBS</p> |
| 12/27/2013<br>14:00 | 12/27/2013<br>16:00 | 2        | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | <p>RU E&amp;P WL for stage #22 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 197,548 Bbls</p>   |
| 12/27/2013<br>16:00 | 12/27/2013<br>21:30 | 5.5      | COMPL    | Other operations                       | OTHR      | Wait on Fracs on 3H & 1H.   |
| 12/27/2013<br>21:30 | 12/27/2013<br>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<br/>37,468 # 100 MESH / 313,992 # 40/70 Brady/ 8,716 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 5,182 PSI</p> <p>Shutdown: @ 80 BPM/6,969 PSI<br/>@ 60 BPM/5,950 PSI<br/>@ 40 BPM/5,108 PSI<br/>@ 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<br/>Max rate: 82 BPM      Max PSI: 8,183</p> <p>ISIP: 3,105 PSI      FG .83</p> <p>FTR: 8,716 BBLs<br/>SIF: 351,460 #<br/>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<br>23:30 | 12/28/2013<br>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<br><br>Pump Down @ 15 bpm / 4,900 psi. Line Speed 300 ft/min<br><br>Used 138 bbls<br>LTR Total 206,402 Bbls |
| 12/28/2013<br>01:30 | 12/28/2013<br>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<br><b>ORIG COMPLETION</b> |                                      |                                   | Primary Job Type<br><b>OCM</b> |                        |   | AFE Number<br><b>027777</b> |
| Days From Spud (days)<br><b>127</b>    | Days on Location (days)<br><b>31</b> | End Depth (ftGRD)<br><b>-22.0</b> | End Depth (TVD) (ftGRD)        | Dens Last Mud (lb/gal) | Rig<br><b>PIONEER PUMPING SERVICES, P.A.T</b> |                             |

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<br>06:00 | 12/28/2013<br>07:45 | 1.75     | COMPL    | Other operations | OTHR      | Wait on Fracs on 1H & 3H  |
| 12/28/2013<br>07:45 | 12/28/2013<br>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<br>36,624 # 100 MESH / 314,953 # 30/50 Brady/ 8680 BBLs<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4473 PSI<br><br>Shutdown: @ 80 BPM/6155 PSI<br>@ 60 BPM/5220 PSI<br>@ 40 BPM/4551 PSI<br>@ 20 BPM/3898 PSI<br><br>Pad ISIP: 3502 PSI / 5 Min: 3175 PSI / FG: .87<br><br>Avg rate: 80 BPM           Avg PSI: 6148<br>Max rate: 81.0 BPM       Max PSI: 6934<br><br>ISIP: 3275 PSI           FG .86<br><br>FTR: 8680 BBLs<br>SIF: 351,577 #<br>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<br>10:00 | 12/28/2013<br>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.<br><br>Pump Down @ 15 bpm / 5350 psi. Line Speed 300 ft/min<br>Used 124 bbls<br>FTR Total 215,206 Bbls   |
| 12/28/2013<br>12:00 | 12/28/2013<br>17:45 | 5.75     | COMPL    | Other operations                       | OTHR      | Wait on Fracs on 1H & 3H.   |
| 12/28/2013<br>17:45 | 12/28/2013<br>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<br>37,694 # 100 MESH / 313,112 # 40/70 Brady/ 9,199 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4,726 PSI<br><br>Shutdown: @ 80 BPM/6,301 PSI<br>@ 60 BPM/5,506 PSI<br>@ 40 BPM/4,751 PSI<br>@ 20 BPM/4,062 PSI<br><br>Pad ISIP: 3,541 PSI / 5 Min: 2,887 PSI<br><br>Avg rate: 80 BPM           Avg PSI: 6,271<br>Max rate: 81 BPM         Max PSI: 7,368<br><br>ISIP: 3,546 PSI           FG .84<br><br>FTR: 9,199 BBLS<br>SIF: 350,806 #<br>TOTAL SIF: 8,148,839 # |
| 12/28/2013<br>19:45 | 12/28/2013<br>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<br><br>Pump Down @ 15 bpm / 5,150 psi. Line Speed 300 ft/min<br><br>Used 93 bbls<br>LTR Total 224,498 Bbls   |
| 12/28/2013<br>22:15 | 12/29/2013<br>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<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                              |                               |                            |                         |                        |  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|--|
| Days From Spud (days)<br>128 | Days on Location (days)<br>32 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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      | Frac Stage # 25 of 31. Test stack to 9,500 PSI , Frac perms as proposed W/ 48 bbls. 15% HCL<br>38,312 # 100 MESH / 350,478 # 40/70 Brady/ 8808 BBLs<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4534 PSI<br><br>Shutdown: @ 80 BPM/ 5934 PSI<br>@ 60 BPM/ 5145 PSI<br>@ 40 BPM/ 4465 PSI<br>@ 20 BPM/ 3863 PSI<br><br>Pad ISIP: 3450 PSI / 5 Min: 3114 PSI FG: .87<br><br>Avg rate: 79.2 BPM      Avg PSI: 5810<br>Max rate: 81.0 BPM      Max PSI: 6619<br><br>ISIP: 3312 PSI            FG .85<br><br>FTR: 8808 BBLs<br>SIF: 350,478 #<br>TOTAL SIF: 8,499,312 # |
| 12/29/2013 10:15 | 12/29/2013 12:15 | 2        | COMPL    | RIH w/WL, set plug and perf, POOH w/WL | PERF      | 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<br><br>Pump Down @ 15 bpm / 5000 psi. Line Speed 300 ft/min<br><br>Used 86 bbls<br>LTR Total 233,392 Bbls   |
| 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<br>17:30 | 12/29/2013<br>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<br>38,125 # 100 MESH / 303,791 # 40/70 Brady/ 8,577 BBLs<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4,006 PSI<br><br>Shutdown: @ 80 BPM/5,630 PSI<br>@ 60 BPM/4,895 PSI<br>@ 40 BPM/4,244 PSI<br>@ 20 BPM/3,744 PSI<br><br>Pad ISIP: 3,405 PSI / 5 Min: 2,473 PSI<br><br>Avg rate: 80 BPM      Avg PSI: 6,039<br>Max rate: 83 BPM      Max PSI: 6,562<br><br>ISIP: 3,177 PSI      FG .84<br><br>FTR: 8,577 BBLs<br>SIF: 341,916 #<br>TOTAL SIF: 8,841,233 # |
| 12/29/2013<br>20:15 | 12/29/2013<br>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.<br><br>Pump Down @ 15 bpm / 5900 psi. Line Speed 300 ft/min<br><br>Used 95 bbls<br>FTR Total 242,064 Bbls   |
| 12/29/2013<br>21:45 | 12/30/2013<br>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<br>ORIG COMPLETION |                               | Primary Job Type<br>OCM    |                         |                        | AFE Number<br>027777                   |  |
| Days From Spud (days)<br>129    | Days on Location (days)<br>33 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 12/30/2013<br>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<br>07:45 | 12/30/2013<br>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<br/>38,090 # 100 MESH / 312,894 # 30/50 Brady/ 8758 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 4177 PSI</p> <p>Shutdown: @ 80 BPM/6529 PSI<br/>@ 60 BPM/5326 PSI<br/>@ 40 BPM/4362 PSI<br/>@ 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<br/>Max rate: 82.0 BPM      Max PSI: 6607</p> <p>ISIP: 3138 PSI      FG .83</p> <p>FTR: 8758 BBLs<br/>SIF: 350,984 #<br/>TOTAL SIF: 9,192,217 #</p> |
| 12/30/2013<br>10:00 | 12/30/2013<br>12:00 | 2        | COMPL            | RIH w/WL, set plug and perf, POOH w/WL      | PERF        | <p>RU E&amp;P WL for stage #28 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>LTR Total 250,896 Bbls</p>  |
| 12/30/2013<br>12:00 | 12/30/2013<br>19:00 | 7        | COMPL            | Other operations                            | OTHR        | Wait on Frac on 3H & 1H.  |
| 12/30/2013<br>19:00 | 12/31/2013<br>02:45 | 7.75     | COMPL_UNPLN<br>D | Unplanned time due to PXD pumping services` | U_PEPX<br>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<br>02:45 | 12/31/2013<br>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<br/>39,347 # 100 MESH / 311,961 # 40/70 Brady/ 8,753 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 3,921 PSI</p> <p>Shutdown: @ 80 BPM/5,693 PSI<br/>@ 60 BPM/4,851 PSI<br/>@ 40 BPM/4,191 PSI<br/>@ 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<br/>Max rate: 81 BPM      Max PSI: 6,161</p> <p>ISIP: 3,359 PSI      FG .86</p> <p>FTR: 8,753 BBLs<br/>SIF: 351,308 #<br/>TOTAL SIF: 9,543,525 #</p> |
| 12/31/2013<br>04:45 | 12/31/2013<br>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<br>ORIG COMPLETION | Primary Job Type<br>OCM | AFE Number<br>027777 |
|---------------------------------|-------------------------|----------------------|

|                              |                               |                            |                         |                        |  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|--|
| Days From Spud (days)<br>130 | Days on Location (days)<br>34 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br><br>Pump Down @ 15 bpm / 5100 psi. Line Speed 300 ft/min<br><br>Used 58 bbls<br>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<br>37,859 # 100 MESH / 313,317 # 30/50 Brady/ 8,615 BBLS<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 3854 PSI<br><br>Shutdown: @ 80 BPM/5373 PSI<br>@ 60 BPM/4705 PSI<br>@ 40 BPM/4142 PSI<br>@ 20 BPM/3640 PSI<br><br>Pad ISIP: 3279 PSI / 5 Min: 2906 PSI FG: .85<br><br>Avg rate: 80 BPM           Avg PSI: 5,145<br>Max rate: 81 BPM           Max PSI: 5,960<br><br>ISIP: 3,240 PSI           FG .84<br><br>FTR: 8,615 BBLS<br>SIF: 351,176 #<br>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&amp;P WL for stage #30 of 31. RIH &amp; pumped down w/Baker CFP &amp; 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<br/>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<br/>37,387 # 100 MESH / 314,263 # 40/70 Brady/ 8,745 BBLs<br/>Slickwater fluid, down 5.5' #20 CSG</p> <p>Formation broke @ 15 BPM/ 3,784 PSI</p> <p>Shutdown: @ 80 BPM/5,625 PSI<br/>@ 60 BPM/4,852 PSI<br/>@ 40 BPM/4,212 PSI<br/>@ 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<br/>Max rate: 81 BPM      Max PSI: 6,201</p> <p>ISIP: 3,749 PSI      FG .90</p> <p>FTR: 8,745 BBLs<br/>SIF: 351,650 #<br/>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |                                 | AFE Number<br>027777 |  |  |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig                             |                      |  |  |
| 131                             | 35                      | -22.0             |                         |                        | 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    | Comunications  |
| 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.<br><br>Pump Down @ 9 bpm / 3,700 psi. Line Speed 300 ft/min<br><br>Used 25 bbls<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |  | AFE Number<br>027777 |  |  |
| Days From Spud (days)<br>132    | Days on Location (days)<br>36 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>36,560 # 100 MESH / 335,667 # 40/70 Brady/ 8,851 BBLs<br>Slickwater fluid, down 5.5' #20 CSG<br><br>Formation broke @ 15 BPM/ 4003 PSI<br><br>Shutdown: @ 80 BPM/5475 PSI<br>@ 60 BPM/4816 PSI<br>@ 40 BPM/4224 PSI<br>@ 20 BPM/3692 PSI<br><br>Pad ISIP: 3,216 PSI / 5 Min: 2,850 PSI<br><br>Avg rate: 80 BPM       Avg PSI: 5579<br>Max rate: 81 BPM       Max PSI: 5,890<br><br>ISIP: 3331 PSI         FG .85<br><br>FTR: 286,115 BBLs<br>SIF: 372,227 #<br>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.<br><br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)<br>133    | Days on Location (days)<br>37 | End Depth (ftGRD)<br>-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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |     | AFE Number<br>027777 |
| Days From Spud (days)<br>134    | Days on Location (days)<br>38 | End Depth (ftGRD)<br>-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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>141    | Days on Location (days)<br>39 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>15:00 | 1/12/2014<br>00:00 | 9        | COMPL    | Other operations                     | OTHR      | Well shut in waiting on drillout   |
| 1/12/2014<br>00:00 | 1/12/2014<br>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<br>06:00 | 1/12/2014<br>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<br>13:00 | 1/12/2014<br>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<br>ORIG COMPLETION |                               | Primary Job Type<br>OCM    |                         |                        | AFE Number<br>027777 |  |
| Days From Spud (days)<br>142    | Days on Location (days)<br>40 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/12/2014<br>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<br>09:00 | 1/12/2014<br>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<br>10:30 | 1/12/2014<br>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<br>11:30 | 1/12/2014<br>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<br>13:30 | 1/12/2014<br>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<br>14:45 | 1/12/2014<br>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<br>16:15 | 1/12/2014<br>18:15 | 2        | CIRC     | CIRCULATE       | CIRC      | Circulating hole clean and continue to CFP #26  |
| 1/12/2014<br>18:15 | 1/12/2014<br>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<br>21:45 | 1/12/2014<br>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<br>23:15 | 1/13/2014<br>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<br>01:15 | 1/13/2014<br>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<br>02:45 | 1/13/2014<br>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<br>05:00 | 1/13/2014<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>143    | Days on Location (days)<br>41 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/13/2014<br>07:30 | 1.5      | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean   |
| 1/13/2014<br>07:30 | 1/13/2014<br>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<br>09:30 | 1/13/2014<br>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<br>11:00 | 1/13/2014<br>12:30 | 1.5      | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean   |
| 1/13/2014<br>12:30 | 1/13/2014<br>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<br>14:00 | 1/13/2014<br>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<br>15:30 | 1/13/2014<br>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<br>17:30 | 1/13/2014<br>19:30 | 2        | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean and continue IH to CFP #15.   |
| 1/13/2014<br>19:30 | 1/13/2014<br>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<br>20:45 | 1/13/2014<br>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<br>21:45 | 1/13/2014<br>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<br>23:45 | 1/14/2014<br>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<br>01:00 | 1/14/2014<br>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<br>02:00 | 1/14/2014<br>04:00 | 2        | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean and continue IH to CFP #15.  |
| 1/14/2014<br>04:00 | 1/14/2014<br>06:00 | 2        | COMPL    | Milling plugs   | MILL      | RIH to CFP #11 and tagged @ 14,' 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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>144    | Days on Location (days)<br>42 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/14/2014<br>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<br>07:00 | 1/14/2014<br>08:30 | 1.5      | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean   |
| 1/14/2014<br>08:30 | 1/14/2014<br>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<br>11:00 | 1/14/2014<br>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<br>11:45 | 1/14/2014<br>13:45 | 2        | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean CP-   |
| 1/14/2014<br>13:45 | 1/14/2014<br>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<br>15:00 | 1/14/2014<br>16:45 | 1.75     | COMPL    | Milling plugs   | MILL      | RIH ro 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<br>16:45 | 1/14/2014<br>18:45 | 2        | CIRC     | CIRCULATE       | CIRC      | Circulate hole clean before RIH to CFP #5  |
| 1/14/2014<br>18:45 | 1/14/2014<br>19:45 | 1        | COMPL    | Milling plugs   | MILL      | RIH ro 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<br>19:45 | 1/14/2014<br>20:30 | 0.75     | COMPL    | Milling plugs   | MILL      | RIH ro 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<br>20:30 | 1/14/2014<br>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<br>22:30 | 1/15/2014<br>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<br>01:00 | 1/15/2014<br>02:45 | 1.75     | CIRC     | CIRCULATE       | CIRC      | Circulate 10 bbls 70 vis sweep back to surface   |
| 1/15/2014<br>02:45 | 1/15/2014<br>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<br>05:00 | 1/15/2014<br>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<br>ORIG COMPLETION |                               | Primary Job Type<br>OCM    |                         |                        | AFE Number<br>027777 |  |
| Days From Spud (days)<br>145    | Days on Location (days)<br>43 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/15/2014<br>06:15 | 0.25     | SAFETY        | PRE-JOB SAFETY MEETING                             | SAFETY    | Pre job safety meeting.  |
| 1/15/2014<br>06:15 | 1/15/2014<br>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<br>07:15 | 1/15/2014<br>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<br>08:15 | 1/15/2014<br>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<br>12:00 | 1/15/2014<br>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<br>12:30 | 1/15/2014<br>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<br>18:30 | 1/15/2014<br>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<br>23:45 | 1/16/2014<br>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<br>03:15 | 1/16/2014<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |           | AFE Number<br>027777 |  |  |
| Days From Spud (days)           | Days on Location (days) | End Depth (ftGRD) | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig       |                      |  |  |
| 146                             | 44                      | -22.0             |                         |                        | 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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>147    | Days on Location (days)<br>45 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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. Riggged 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. Riggging 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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>148    | Days on Location (days)<br>46 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/18/2014<br>06:30 | 0.5      | SAFETY    | PRE-JOB SAFETY MEETING                             | SAFETY    | PJSM, WSI w/390 PSI.   |
| 1/18/2014<br>06:30 | 1/18/2014<br>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:<br>3-3/4" X 2-1/2" X 1.42 Float sub<br>3-3/4" X 2-1/2" X 1.21 float Sub<br>3-11/16" X 1-3/4" X 1.49 X O<br>3-3/8" X 1-3/4" X 1.49 Top Sub<br>4-11/16" X 1.23 Short Catch W/2" Grapple.<br>Total Length BHA #1=6.47'  |
| 1/18/2014<br>08:30 | 1/18/2014<br>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<br>10:00 | 1/18/2014<br>11:30 | 1.5      | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | R/D Cudd pressure control.   |
| 1/18/2014<br>11:30 | 1/18/2014<br>12:30 | 1        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | Stand by for orders.   |
| 1/18/2014<br>12:30 | 1/18/2014<br>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<br>14:30 | 1/18/2014<br>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:<br>2-13/16 X 1.50 X .65 F-Nipple<br>1- jnt. 2.375 " PH-6 workstring<br>3" X N/A X 1.50 Float Sub.<br>3" X N/A X 1.50 Float Sub.<br>3-1/8 X 1-3/4 X 1.50 X O Sub. - 2-3/8 IF<br>3-5/16 X 1-3/4 X 1.14 Top Sub. F.N.=.91<br>4-11/16 X N/A X 3' Extension<br>4-11/16 X N/A X 1.28 Bowl W/3-1/2 Spiral grapple<br>4-11/16 X N/A X .62 Cut lip guide<br>Total BHA #2=12.1' |
| 1/18/2014<br>15:30 | 1/18/2014<br>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 tbg w/TIW on last jt. Start rigging down Cudd snubbing unit   |
| 1/18/2014<br>18:30 | 1/18/2014<br>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 tbg and start RIH w/workstring.  |
| 1/18/2014<br>22:00 | 1/19/2014<br>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 tbg and circulate hole clean. CP-1300 psi @3 bpm, WHP-450 PSI @3 bpm return rate  |
| 1/19/2014<br>04:15 | 1/19/2014<br>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<br>ORIG COMPLETION |  |  | Primary Job Type<br>OCM |  |  | AFE Number<br>027777 |  |  |
|---------------------------------|--|--|-------------------------|--|--|----------------------|--|--|

|                              |                               |                            |                         |                        |                  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|------------------|
| Days From Spud (days)<br>149 | Days on Location (days)<br>47 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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 overshot. POOH laying down WS. Laid down 203 jts of 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. Nipped 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<br>ORIG COMPLETION |  |  | Primary Job Type<br>OCM |  |  | AFE Number<br>027777 |  |  |
|---------------------------------|--|--|-------------------------|--|--|----------------------|--|--|

|                              |                               |                            |                         |                        |                  |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|------------------|
| Days From Spud (days)<br>150 | Days on Location (days)<br>48 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>ESCO, 239 |
|------------------------------|-------------------------------|----------------------------|-------------------------|------------------------|------------------|

Operations Summary  
 PJSM, WSI w/740 psi, R/U Cudd snubbing unit. TOOH, 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<br>06:00 | 1/20/2014<br>06:30 | 0.5      | SAFETY    | PRE-JOB SAFETY MEETING                             | SAFETY    | Safety meeting, WSI w/740 psi.  |
| 1/20/2014<br>06:30 | 1/20/2014<br>09:30 | 3        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | R/U Cudd Pressure Control.  |
| 1/20/2014<br>09:30 | 1/20/2014<br>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<br>13:00 | 1/20/2014<br>16:00 | 3        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | P/U Cudd snubbing unit, R/D spools.   |
| 1/20/2014<br>16:00 | 1/20/2014<br>16:30 | 0.5      | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | M/U BHA #3 as follows on PH-6 Workstring.<br>2-3/8" F Profile 2.813 X 1.50 X .65<br>1-Jnt. 2-3/8" PH-6 W/S 2.375 X 31.73<br>2-3/8" Floated Sub 3.125 X 1.750 X 1.50<br>2-3/8" Floated Sub 3.00 X 2.00 X 1.50<br>X O Sub 2-3/8" PH-6 Box X 2-3/8" IF Pin 2-3/16<br>3.125 X 1.750 X 1.50<br>4-5/8 Clutch Mill W/Stabilizers 3.125 X 1.750 X 2.540<br>Total BHA #3 = 7.690 |
| 1/20/2014<br>16:30 | 1/20/2014<br>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<br>18:00 | 1/20/2014<br>21:00 | 3        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | Land tbg and rigging down snubbing unit and set rig floor and equipment. Load tbg w/ 7 bbbs   |
| 1/20/2014<br>21:00 | 1/21/2014<br>06:00 | 9        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | Continue RIH w/2 3/8" tbg 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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>151    | Days on Location (days)<br>49 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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 bbbs

RT: 835 bbbs

CR: 11,256 bbbs

LTR: 274,782.0 bbbs

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<br>06:00 | 1/21/2014<br>06:15 | 0.25     | PROD1     | SHARE  | SFTY      | PJSM, well flowing @ 3.2 bpm/530 psi.  |
| 1/21/2014<br>06:15 | 1/21/2014<br>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<br>07:15 | 1/21/2014<br>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<br>09:00 | 1/21/2014<br>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<br>12:00 | 1/21/2014<br>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<br>18:30 | 1/21/2014<br>22:00 | 3.5      | CIRC      | CIRCULATE  | CIRC      | Circulate hole clean and preapre to start laying down.  |
| 1/21/2014<br>22:00 | 1/22/2014<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>152    | Days on Location (days)<br>50 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/22/2014<br>06:15 | 0.25     | SAFETY    | PRE-JOB SAFETY MEETING                             | SAFETY    | PJSM with all hands.   |
| 1/22/2014<br>06:15 | 1/22/2014<br>10:15 | 4        | UNPLANNED | Unplanned Fishing Operations including trips / Mil | U_FSH     | Continue POOH with 2-3/8 workstring.   |
| 1/22/2014<br>10:15 | 1/22/2014<br>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<br>12:15 | 1/22/2014<br>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<br>14:45 | 1/22/2014<br>16:00 | 1.25     | COMPL     | RURD any equipment: WL, EL, CT, etc.               | RURD      | R/D Cudd Pressure Control.   |
| 1/22/2014<br>16:00 | 1/22/2014<br>17:30 | 1.5      | COMPL     | RURD any equipment: WL, EL, CT, etc.               | RURD      | RU E-P Wireline to set packer  |
| 1/22/2014<br>17:30 | 1/22/2014<br>18:00 | 0.5      | SAFETY    | PRE-JOB SAFETY MEETING                             | SAFETY    | Held PJSM with night crew  |
| 1/22/2014<br>18:00 | 1/22/2014<br>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<br>20:00 | 1/23/2014<br>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<br>ORIG COMPLETION |                               |                            | Primary Job Type<br>OCM |                        |                  | AFE Number<br>027777 |
| Days From Spud (days)<br>153    | Days on Location (days)<br>51 | End Depth (ftGRD)<br>-22.0 | End Depth (TVD) (ftGRD) | Dens Last Mud (lb/gal) | Rig<br>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<br>06:00 | 1/23/2014<br>06:30 | 0.5      | SAFETY    | PRE-JOB SAFETY MEETING               | SAFETY    | PJSM, w/all personnel.   |
| 1/23/2014<br>06:30 | 1/23/2014<br>08:00 | 1.5      | PROD1     | OTHER                                | WSI       | Waiting on Haliburton ESP.   |
| 1/23/2014<br>08:00 | 1/23/2014<br>08:30 | 0.5      | SAFETY    | PRE-JOB SAFETY MEETING               | SAFETY    | PJSM, w/all over ESP ops.  |
| 1/23/2014<br>08:30 | 1/23/2014<br>10:00 | 1.5      | COMPL     | RURD any equipment: WL, EL, CT, etc. | RURD      | R/U Haliburton. to run ESP.  |
| 1/23/2014<br>10:00 | 1/23/2014<br>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<br>13:00 | 1/23/2014<br>16:00 | 3        | UNPLANNED | Other - Anything not listed above    | U_OTR     | Wait on tongs to AOL from Odessa.  |
| 1/23/2014<br>16:00 | 1/23/2014<br>17:00 | 1        | COMPL     | RURD any equipment: WL, EL, CT, etc. | RURD      | R/U replacement tongs to AOL from Odessa.  |
| 1/23/2014<br>17:00 | 1/24/2014<br>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<br>04:00 | 1/24/2014<br>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<br>ORIG COMPLETION |                         |                   | Primary Job Type<br>OCM |                        |           | AFE Number<br>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)<br><br>Well turned over to production. |

### WELL DETAILS

|                                |                              |  |
|--------------------------------|------------------------------|--|
| Well Name<br>UNIVERSITY 2-6 2H | API/UWI<br>42-383-38334-0000 | Operator<br>PIONEER NATURAL RESRC USA, INC |
|--------------------------------|------------------------------|--|

### 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 (ft <sup>3</sup> /sack) |                   |              | Density (lb/gal) |       |             |       |
| Class | Class C |        |                     | Amount (sacks)       | 610       | Yield (ft <sup>3</sup> /sack) | 1.70                          |                   |              | Density (lb/gal) | 13.60 |             |       |
| Class |         |        |                     | Amount (sacks)       |           |                               | Yield (ft <sup>3</sup> /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 (ft <sup>3</sup> /sack) |                   |              | Density (lb/gal) | 9.50    |             |         |
| Class | TXI LITEWEIGHT |        |                              | Amount (sacks)       | 1,226    | Yield (ft <sup>3</sup> /sack) | 2.85                          |                   |              | Density (lb/gal) | 11.00   |             |         |
| Class | Class C        |        |                              | Amount (sacks)       | 247      | Yield (ft <sup>3</sup> /sack) | 1.07                          |                   |              | Density (lb/gal) | 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 | Top (ftGRD) | Btm (ftGRD) |
|--------|---------------------------|----------------------|--------------------|-------------------|-------------|-------------|
| Casing | Production, 18,154.3ftGRD | 11/13/2013           | 11/13/2013         | SCHLUMBERGER      | 935.0       | 18,173.0    |

| Class          | Amount (sacks) | Yield (ft <sup>3</sup> /sack) | Density (lb/gal) |
|----------------|----------------|-------------------------------|------------------|
| Ultra Flus     |                |                               | 10.50            |
| TXI LITEWEIGHT | 507            | 2.79                          | 11.00            |
| 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 (ft <sup>3</sup> /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 Cluster4  |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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 |          |                          |                       |                       |   |                          |
| 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**

| <b>Stimulations &amp; Treatments (Actual)</b>           |          |                          |                       |                       |   |                          |
|---|----------|--------------------------|-----------------------|-----------------------|---|--------------------------|
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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                 |
| <b>&lt;Comment?&gt;, Middle Wolfcamp, Original Hole</b> |          |                          |                       |                       |   |                          |
| 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 l | 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 |