



## Partner Drilling Report

Well Name: UNIVERSITY 3-35 #102HB

Report Date: 6/5/2017  
Report #: 3.0, DFS: 1.48  
Time Log DFS: 1.48  
Depth Progress: 528.00

|   |  |   |  |   |  |                                |  |                        |  |
|---|--|---|--|---|--|--------------------------------|--|------------------------|--|
| API/UWI No.<br>42461405920000   |  | Surface Legal Location<br>A-U47; SEC. 11; BLK. 4<br>CCSD&RGNG RR CO |  | Well License/Permit No.<br>826301   |  | State/Province<br>TEXAS        |  |                        |  |
| Original Spud/Spud Rig Date<br>6/3/2017 18:30                           |  | Rig Release Date  |  | KB to GL (ft)<br>25.00  |  | KB-Casing Flange Distance (ft) |  |                        |  |
| Original Spud/Spud Rig Date   |  | Weather<br>CLEAR  |  | Temperature (°F)<br>66.0  |  | Road Condition<br>GOOD         |  | Hole Condition<br>GOOD |  |
| Current Status/OART<br>RIGGING UP VES WIRELINE EQUIPMENT AT REPORT TIME |  |   |  | 24 Hour Forecast<br>TEMP. LOG WELL, CMT AS DIRECTED, TEST BOPs,<br>PREP TO DRILL INTERMEDIATE SECTION AS PER<br>PROG. |  |                                |  |                        |  |

Short Report  
POOH, TIH, DRILL AHEAD IN SURFACE SECTION TO TD @ 720', PUMP SWEEPS AND CLEAN UP CYCLE, WIPER TRIP, PUMP SWEEP, SPOT PILL, POOH TO RUN CSG, RIG SERVICE, LAY OUT DIRECTIONAL BHA, B/O BIT, L/D DIRECTIONAL BHA, CLEAN RIG FLOOR, PJSM, R/U BYRD CSG CREW, M/U & RUN 13 3/8" SURFACE CASING, R/D CSG CREW, R/U SCLUMBERGER CMT HEAD AND IRON LINES, PJSM, RUN CMT JOB, R/D CMT EQUIPMENT, R/U VAUGH (VES) WIRELINE TO TEMP. LOGGING OPERATIONS.

| Mud Volumes                  |                               |                           |                            |                            |                     |                            |
|------------------------------|-------------------------------|---------------------------|----------------------------|----------------------------|---------------------|----------------------------|
| Active Volume (bbl)<br>559.5 | Var Active Vol (bbl)<br>156.4 | Balance (bbl)<br>-4,504.1 | Tank Volume (bbl)<br>340.0 | Additions (bbl)<br>4,660.5 | Losses (bbl)<br>0.0 | Hole Volume (bbl)<br>219.5 |

| Time Log   |          |          |                              |          |          |           |  |
|------------|----------|----------|------------------------------|----------|----------|-----------|--|
| Start Time | End Time | Dur (hr) | Phase                        | Ops Code | Sub Code | Time Code | Operation Summary  |
| 06:00      | 06:30    | 0.50     | 07SHVD, Surf Hole Vert Drill | TR       | r        | S         | POOH F/ 192' TO SURFACE - UNABLE TO FILL WELLBORE AFTER LETTING LCM PILL SOAK.   |
| 06:30      | 08:00    | 1.50     | 07SHVD, Surf Hole Vert Drill | TR       | r        | S         | TIH PICKING UP LAST 8" NMDC AND ONE STAND OF 8" DCs TO 192'  |
| 08:00      | 12:00    | 4.00     | 07SHVD, Surf Hole Vert Drill | DR       | a        | O         | DRILL AHEAD IN SURFACE SECTION F/192' TO 720' W/O RETURNS.<br><br>528' @ 132 FPH AVG ROP<br><br>NOTE: SECTION TD@ 720' AT 1200 HRS.  |
| 12:00      | 12:30    | 0.50     | 09SHC, Surf Hole Csg         | CI       | g        | O         | PUMPED 40 BBL HI-VIS SWEEP AND PERFORM CLEAN UP CYCLE.   |
| 12:30      | 13:30    | 1.00     | 09SHC, Surf Hole Csg         | TP       | e        | O         | MAKE WIPER TRIP TO 8" COLLARS AND BACK TO BTM.<br><br>NOTE: NO TIGHT SPOT OR DRAG. FILL BACKSIDE W/.5 BPM WHILE TRIPPING.            |
| 13:30      | 14:00    | 0.50     | 09SHC, Surf Hole Csg         | CI       | g        | O         | PUMP 1 HI-VIS 40 BBL SWEEP, SPOT HI VIS PILL.  |
| 14:00      | 16:00    | 2.00     | 09SHC, Surf Hole Csg         | TP       | c        | O         | TOOH TO RUN CSG F/121'<br><br>NOTE: NO TIGHT SPOT OR DRAG. FILL BACKSIDE W/.5 BPM WHILE TRIPPING.                                    |
| 16:00      | 16:30    | 0.50     | 09SHC, Surf Hole Csg         | RM       | b        | O         | RIG SERVICE - REPAIR TIE WIRE ON TOP DRIVE GRABBER BOX.  |
| 16:30      | 19:00    | 2.50     | 09SHC, Surf Hole Csg         | TP       | b        | O         | LAYING OUT DIRECTIONAL TOOLS, BREAK OUT BIT, L/D DIRECTIONAL TOOLS, NMDC, SHOCK SUB, STAB, MOTOR.<br><br>BIT GRADE: 1-2-CT-X-2-CT-TD |
| 19:00      | 19:30    | 0.50     | 09SHC, Surf Hole Csg         | RM       | b        | O         | CLEAN RIG FLOOR- PRESSURE WASH FLOOR AND HANDRAILS.  |
| 19:30      | 20:00    | 0.50     | 09SHC, Surf Hole Csg         | SM       | b        | O         | HELD PJSM WITH BYRD CSG CREW, HOC-REP, H&P CREW ON R/U & RUNNIG CSG.   |
| 20:00      | 21:00    | 1.00     | 09SHC, Surf Hole Csg         | CS       | a        | O         | R/U BYRD 13 3/8" CASING EQUIPMENT BAIL EXTENTIONS, POWER TONGS, POWER UNIT AND FILL UP HOSE.   |

|   |                                     |
|---|-------------------------------------|
| AFE Number<br>DD.17.30779.CAP.DRL                 | AFE+Supp Amt (Cost)<br>2,177,000.00 |
| Day Total (Cost)<br>93,042                        | Cum To Date (Cost)<br>273,230       |
| Mud Field Est (Cost)<br>6,877                     | Cum Mud Field Est (Co...<br>11,005  |
| Start Depth (ftKB)<br>192.0                       | End Depth (ftKB)<br>720.0           |
| Planned Formation<br>WOLFCAMP B                   | Planned TMD (ftKB)<br>19,216.0      |
| Last Casing String<br>Conductor Casing, 105.0ftKB |                                     |

| Daily Contacts                           |              |
|--|--------------|
| Job Contact                              | Mobile       |
| BRIAN ALLEMAN, Engineer                  | 214-978-8000 |
| CHRISTOPHER ABSHIRE, Rig Clerk/Logistics | 281-220-5828 |
| MARTY ARREZOLA, Consultant               | 281-220-5828 |
| DEAN DUFFY, Rig Clerk/Logistics          | 281-220-5829 |

| Personnel Log |      |
|---------------|------|
| Head Count    | 37.0 |

| Rigs   |                              |
|--|------------------------------|
| HELMERICH & PAYNE DRILLING, 3                    |                              |
| Contractor<br>HELMERICH & PAYNE DRILLING         | Rig Number<br>394            |
| Rig Supervisor<br>THOMAS PENDERGRASS, Toolpusher | Phone Mobile<br>918-936-7394 |

| 1, Gardner-Denver, PZ-11 |                      |                  |         |
|--------------------------|----------------------|------------------|---------|
| Pump Number<br>1         | Pwr (hp)<br>1,300.0  | Rod Diameter...  |         |
| Liner Size (in)<br>6     | Stroke (in)<br>11.00 | Vol/Stk OR (b... |         |
| P (psi)                  | Slow Spd             | Strokes (s...    | Eff (%) |

| 2, Gardner-Denver, PZ-11 |                      |                  |         |
|--------------------------|----------------------|------------------|---------|
| Pump Number<br>2         | Pwr (hp)<br>1,300.0  | Rod Diameter...  |         |
| Liner Size (in)<br>6     | Stroke (in)<br>11.00 | Vol/Stk OR (b... |         |
| P (psi)                  | Slow Spd             | Strokes (s...    | Eff (%) |

| Mud Additive Amounts     |                       |          |
|--------------------------|-----------------------|----------|
| Mud Additive Description | Field Est (Cost/unit) | Consumed |
| 12 HR MUD ENGINEER       | 700.00                | 1.0      |
| AQUAGEL                  | 150.00                | 5.0      |
| BAROFIBRE                | 25.13                 | 12.0     |
| CON DET                  | 59.00                 | 13.0     |
| COTTONSEED HULLS         | 15.14                 | 12.0     |
| DRILLING PAPER           | 12.54                 | 13.0     |
| EZ MUD                   | 85.03                 | 3.0      |
| LIME                     | 6.00                  | 6.0      |
| PALLETS                  | 10.00                 | 6.0      |
| SHRINK WRAP              | 10.00                 | 6.0      |
| SODA ASH                 | 13.25                 | 4.0      |
| STOPPIT                  | 40.00                 | 80.0     |
| TRANSPORTATI ON          | 1.00                  | 350.0    |



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Report #: 3.0, DFS: 1.48  
Time Log DFS: 1.48  
Depth Progress: 528.00

| Time Log                                |                         |                         |                          |                         |                  |                     | Job Supplies  |                  |   |
|---|-------------------------|-------------------------|--------------------------|-------------------------|------------------|---------------------|---|------------------|---|
| Start Time                              | End Time                | Dur (hr)                | Phase                    | Ops Code                | Sub Code         | Time Code           | Operation Summary   |                  |   |
| 21:00                                   | 00:00                   | 3.00                    | 09SHC, Surf Hole Csg     | CS                      | b                | O                   | MAKE UP SHOE TRACK AND TEST FLOATS - GOOD TEST. P/U AND RUN 684' OF 13 3/8" 48# J-55 ST&C SURFACE CASING.<br><br>NOTE: FILL BACKSIDE W/.5 BPM WHILE R/U AND RUNNING CSG.<br><br>NOTE: NOTABLE DEPTHS.<br>-13 3/8" CASING SHOE @ 684'<br><br>-13 3/8" FLOAT COLLAR @ 639.9'<br><br>- RAN A TOTAL OF (16) 13 3/8" 48# J-55 STC CASING JOINTS.<br><br>- INSTALLED 6 BOW SPRING CENTRALIZERS.   |                  |   |
| 00:00                                   | 01:00                   | 1.00                    | 09SHC, Surf Hole Csg     | CE                      | a                | O                   | R/U CMT HEAD, CIRC 1 1/2 CASING CAPACITY. PUMP @ 70 SPM.  |                  |   |
| 01:00                                   | 01:30                   | 0.50                    | 09SHC, Surf Hole Csg     | CS                      | a                | O                   | R/D BYRD CASING EQUIPMENT, POWER TONGS, MUD LINES, SLIPS  |                  |   |
| 01:30                                   | 02:00                   | 0.50                    | 09SHC, Surf Hole Csg     | SM                      | b                | O                   | HELD PJSM W/ SCHLUMBERGER, HOC-REP, AND H&P 394 CREW ON CMT OPERATIONS. SWAP OVER LINES TO CEMENTERS.   |                  |   |
| 02:00                                   | 04:30                   | 2.50                    | 09SHC, Surf Hole Csg     | CE                      | a                | O                   | PERFORM CEMENT JOB ON 13-3/8" SURFACE CASING. HOLD PJSM WITH CEMENT CREW AND H&P CREW.<br><br>- TEST LINES TO 2000 PSI. TEST GOOD.<br><br>FRESH WATER - PUMP 20 BBLS<br><br>- SPACER: MIX AND PUMP 20 BBLS OF VISCOSIFIED WATER @ 8.33 PPG + D182<br><br>- LEAD SLURRY: MIX & PUMP 291 BBLS (943 SACKS) OF BLEND CEMENT @ 12.8 PPG, YIELD 1.73 FT3/SK, MIX FLUID 9.25 GAL/SK<br><br>- TAIL SLURRY: MIX & PUMP 87 BBLS (367 SACKS) OF BLEND CEMENT @ 14.8 PPG, YIELD 1.33 FT3/SK, MIX FLUID 6.36 GAL/SK<br><br>DROP CEMENT PLUG. DISPLACE CEMENT WITH 100.7 BBLS OF FRESHWATER @ 5 BPM, 480 PSI. BUMP PLUG WITH 500 PSI OVER CIRCULATING PRESSURE. HELD PRESSURE FOR 5 MINS. BLED PRESSURE & GOT BACK 1 BBL. CHECK FLOATS. FLOATS HELD.<br><br>- NO RETURNS TO SURFACE THROUGH OUT CEMENT JOB. |                  |   |
| 04:30                                   | 05:00                   | 0.50                    | 09SHC, Surf Hole Csg     | CE                      | a                | O                   | R/D SCHLUMBERGER CEMENTERS CMT HEAD, PREP FOR VES WIRELINE OPERATIONS.  |                  |   |
| 05:00                                   | 06:00                   | 1.00                    | 09SHC, Surf Hole Csg     | LG                      | a                | O                   | R/U VAUGH ENERGY SERVICES (VES) WIRELINE EQUIPMENT TO PERFORM TEMP. LOGGING OPERATIONS.<br><br>NOTE: HELD PJSM WITH VES, HOC-REP, AND H&P CREW.<br><br>- INSTALL FMC CASING VALVES ON WELLHEAD.<br><br>TOTAL LOSSES LAST 24 HRS:<br>SURFACE : 0 BBLS<br>DOWNHOLE: 4550 BBLS<br>TOTAL WELL: 5550   |                  |   |
| Mud Checks                              |                         |                         |                          |                         |                  |                     | Safety Checks   |                  |   |
| Time                                    | Type                    | Depth (ftKB)            | Density (kg/m³) (lb/g... | Funnel Viscosity (s/qt) | PV Calc (cP)     | YP Calc (lb/100ft²) | Time  | Type             | Safety Topic                            |
| 15:00                                   | Fresh Water             | 718.0                   | 8.40                     | 28                      | 1.0              | 4.002               | 17:30   | Pre-Tour         | RUNNING CASING AND WORKING W/3RD PARTY. |
| Gel 10 sec (kPa) (lb...                 | Gell 10 min (kPa) (l... | Gel 30 min (kPa) (lb... | Filtrate (mL/30min)      | Filter Cake (1/32")     | pH               | Solids (%)          | 05:30   | Pre-Tour         | WIRELINE OPERATIONS , BOP TESTING       |
| 1.000                                   | 2.001                   | 3.001                   | 95.0                     |                         | 8.0              |                     |   |                  |   |
| MBT (lb/bbl)                            | Percent Oil (%)         | Percent Water (%)       | Chlorides (kg/m³) (...   | Calcium (kg/m³) (m...   | Potassium (mg/L) | Electric Stab (V)   |   |                  |   |
|   |                         | 99.3                    | 2,700.000                |                         |                  |                     |   |                  |   |
| Wellbores                               |                         |                         |                          |                         |                  |                     | Kick Offs & Key Depths  |                  |   |
| Wellbore Name<br>UNIVERSITY 3-35 #102HB |                         |                         |                          |                         |                  |                     | Type  | Top Depth (ftKB) |   |
|   |                         |                         |                          |                         |                  |                     |   |                  |   |



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### Mud Checks

|                                  |                                  |                                  |                                     |                               |                     |                              |
|----------------------------------|----------------------------------|----------------------------------|-------------------------------------|-------------------------------|---------------------|------------------------------|
| Time<br>05:00                    | Type<br>Fresh Water              | Depth (ftKB)<br>718.0            | Density (kg/m³) (lb/g...<br>8.40    | Funnel Viscosity (s/qt)<br>28 | PV Calc (cP)<br>1.0 | YP Calc (lb/100ft²)<br>4.002 |
| Gel 10 sec (kPa) (lb...<br>1.000 | Gell 10 min (kPa) (l...<br>2.001 | Gel 30 min (kPa) (lb...<br>3.001 | Filtrate (mL/30min)<br>95.0         | Filter Cake (1/32")<br>8      | pH<br>6.5           | Solids (%)                   |
| MBT (lb/bbl)                     | Percent Oil (%)                  | Percent Water (%)<br>99.3        | Chlorides (kg/m³) (...<br>2,500.000 | Calcium (kg/m³) (m...<br>     | Potassium (mg/L)    | Electric Stab (V)            |

### Mud Volumes

| Tank/Addition/Loss | Type    | Volume (bbl) | Subtype |
|--------------------|---------|--------------|---------|
| Addition           | Water   | 4,660.5      |         |
| Hole               | Hole    | 219.5        |         |
| Tank               | Reserve | 340.0        |         |

### Drill Strings

#### BHA #1, Surface

|  |  |                                     |                              |
|--|--|-------------------------------------|------------------------------|
| Bit Run<br>1                                     | Drill Bit<br>17 1/2in, SF66M, 12633990 | IADC Bit Dull<br>1-2-CT-T-X-2-CT-TD | TFA (incl Noz) (in²)<br>1.77 |
| Nozzles (1/32")<br>16/16/16/16/16/16/16/16/16/16 | BHA Length (ft)<br>861.97              | String Wt (1000lbf)<br>             | Bit ROP (ft/hr)<br>97.1      |

### Mud Motors

|                        |                     |                            |
|------------------------|---------------------|----------------------------|
| Motor Bend<br>1.50 ADJ | Bit to Bend<br>9.34 | Rotor Nozzle Diameter (in) |
|------------------------|---------------------|----------------------------|

### Drill String Components

| Item Des                 | Manual/Tally Jts | OD (in) | ID (in) | Len (ft) | Top Thread |
|--------------------------|------------------|---------|---------|----------|------------|
| XO Sub                   |                  | 6 1/2   | 2.50    | 2.81     | IF         |
| Drill Collar             | 21               | 6 1/2   | 2.50    | 638.01   | NC46       |
| XO Sub                   |                  | 8       | 2.81    | 2.98     | NC46       |
| Drill Collar             | 3                | 8       | 2.81    | 92.43    | NC56       |
| XO Sub                   |                  | 7 15/16 | 3.13    | 2.99     | NC 56      |
| Drill Collar - Non Mag   |                  | 8 1/16  | 3.75    | 30.15    | Reg        |
| Non-Mag Hangoff Sub      |                  | 8 1/16  | 3.75    | 5.51     | Reg        |
| Drill Collar - Non Mag   |                  | 8       | 3.75    | 29.33    | Reg        |
| Shock Sub                |                  | 8 1/4   | 3.13    | 13.74    | Reg        |
| Stabilizer               |                  | 8 1/16  | 3.50    | 8.10     | Reg        |
| Mud Motor - Bent Housing |                  | 9 5/8   | 5.00    | 34.42    | Reg        |

### Variable Gauge Stabilizers

|            |                |             |
|------------|----------------|-------------|
| Blade Type | Max Gauge (in) | Blade Angle |
|------------|----------------|-------------|

### Drilling Parameters

|                                       |                             |                           |                             |                            |                             |                               |                        |
|---------------------------------------|-----------------------------|---------------------------|-----------------------------|----------------------------|-----------------------------|-------------------------------|------------------------|
| Wellbore<br>UNIVERSITY<br>3-35 #102HB | Start Depth (ftKB)<br>192.0 | End Depth (ftKB)<br>720.0 | Cum Depth (ft)<br>607.00    | Drilling Time (hr)<br>4.00 | Cum Drill Time (hr)<br>6.25 | Interval ROP (ft/hr)<br>132.0 | Flow Rate (gpm)<br>688 |
| WOB (1000lbf)<br>26                   | Rotary RPM (rpm)<br>60      | SPP (psi)<br>1,182.0      | Drill Str Wt (1000...<br>69 | PU Str Wt (1000lbf)<br>70  | SO Str Wt (1000lbf)<br>67   | Drilling Torque<br>10,500.0   | Off Btm Tq             |
| Q Gas Inj (ft³/min)                   | T Inj (°F)                  | P BH Ann (psi)            | T BH (°F)                   | P Surf Annulus (p...<br>   | T Surf Annulus (°F)         | Q Liq Return (gpm)            | Q Gas Return (f...     |

### Hydraulic Calculations

|                          |                           |                         |                           |                  |
|--------------------------|---------------------------|-------------------------|---------------------------|------------------|
| Bit Hydraulic Power (hp) | HP/Area (hp/in²)          | Bit Jet Velocity (ft/s) | Bit Pressure Drop (psi)   | % P @ bit (%)    |
| Max Casing AV (ft/min)   | Max Open Hole AV (ft/min) | Min Casing AV (ft/min)  | Min Open Hole AV (ft/min) | ECD End (lb/gal) |

Error

### Kicks

|           |                   |              |                      |            |
|-----------|-------------------|--------------|----------------------|------------|
| Kick Date | Kick Depth (ftKB) | Control Date | Control Depth (ftKB) | Kick Class |
|-----------|-------------------|--------------|----------------------|------------|

Kill Notes

### Lost Circulation

|                              |                           |                     |             |                    |          |
|------------------------------|---------------------------|---------------------|-------------|--------------------|----------|
| Start Date<br>6/3/2017 20:30 | Top Depth (ftKB)<br>192.0 | Bottom Depth (ftKB) | Ops In Prog | Vol Lost Tot (bbl) | End Date |
|------------------------------|---------------------------|---------------------|-------------|--------------------|----------|



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### Interval Problems

| Problem Type | Problem Subtype  | Start Date | Start Depth (ftKB) | End Depth (ftKB) | Est Cost (Cost) | Est Lost Time (hr) |
|--------------|------------------|------------|--------------------|------------------|-----------------|--------------------|
| Formation    | LOSS CIRCULATION | 6/3/2017   | 192.0              | 192.0            |                 | 9.50               |

#### Action Taken

LOST CIRCULATION @180'SLOWED PUMP RATE TO 60 SPM, 230 GPM, FILLED BACKSIDE THROUGH KILL LINE, PUMPED 90 BBLs OF LCM SWEEP @ 50 SPM, 10 RPM, PUMPED 2ND LCM SWEEP @ 50 SPM, 10 RPM. ATTEMPTING TO REGAIN CIRCULATION WITH NO SUCCESS. POOH F/217' TO SURFACE, LEFT DIRECTIONAL BHA HANGING ON ELEVATORS. CONTINUE TO REGAIN CIRCULATION MIX 60 BBL LCM PILL AND PUMP DOWN THE BACKSIDE TO ATTEMPT TO HEAL FORMATION. PUMP LCM PILL DOWNHOLE, LET PILL SET WHILE WAITING ON LCM CHEMICALS TO ARRIVE FROM BARIOD MONAHANS LOCATION. MIXED AND PUMPED 60 BBL LCM PILL DOWNHOLE.

LOST CIRCULATION @180'SLOWED PUMP RATE TO 60 SPM, 230 GPM, FILLED BACKSIDE THROUGH KILL LINE, PUMPED 90 BBLs OF LCM SWEEP @ 50 SPM, 10 RPM, PUMPED 2ND LCM SWEEP @ 50 SPM, 10 RPM. ATTEMPTING TO REGAIN CIRCULATION WITH NO SUCCESS. POOH F/217' TO SURFACE, LEFT DIRECTIONAL BHA HANGING ON ELEVATORS. CONTINUE TO REGAIN CIRCULATION MIX 60 BBL LCM PILL AND PUMP DOWN THE BACKSIDE TO ATTEMPT TO HEAL FORMATION. PUMP LCM PILL DOWNHOLE, LET PILL SET WHILE WAITING ON LCM CHEMICALS TO ARRIVE FROM BARIOD MONAHANS LOCATION. MIXED AND PUMPED 60 BBL LCM PILL DOWNHOLE WAIT FOR PILL TO SET ON BOTTOM.

| Problem Type | Problem Subtype  | Start Date | Start Depth (ftKB) | End Depth (ftKB) | Est Cost (Cost) | Est Lost Time (hr) |
|--------------|------------------|------------|--------------------|------------------|-----------------|--------------------|
| Formation    | LOSS CIRCULATION | 6/4/2017   | 192.0              | 192.0            |                 | 2.00               |

#### Action Taken

POOH F/ 192' TO SURFACE, TIH PICKING UP LAST 8" NMDC AND ONE STAND OF 8" DCs TO 192'

### Interval Lessons

| Lesson Type | Start Date | End Date | Start Depth (ftKB) | End Depth (ftKB) | Est Cost Saving (Co..) | Est Time Saving (hr) |
|-------------|------------|----------|--------------------|------------------|------------------------|----------------------|
|             |            |          |                    |                  |                        |                      |

Comment

### Safety Incidents

| Time | Category | Type | Subtype | Cause | Lost time? | Severity |
|------|----------|------|---------|-------|------------|----------|
|      |          |      |         |       |            |          |

### Leak Off and Formation Integrity Tests

| Run Date | OD (in) | Set Depth (ft...) | Set Depth (T...) | Comment | MACP Press... |
|----------|---------|-------------------|------------------|---------|---------------|
|          |         |                   |                  |         |               |

| Test Date | Test Type | Fluid Density (lb/gal) | EMW (lb/gal) |
|-----------|-----------|------------------------|--------------|
|           |           |                        |              |

### Survey Data

| MD (ftKB) | Inclination (°) | Azimuth (°) | TVD (ftKB) | VS (ft) | NS (ft) | EW (ft) | DLS (°/100ft) |
|-----------|-----------------|-------------|------------|---------|---------|---------|---------------|
| 178.00    | 0.54            | 300.03      | 178.00     | 0.80    | 0.42    | -0.73   | 0.30          |
| 237.00    | 0.64            | 305.58      | 236.99     | 1.39    | 0.75    | -1.23   | 0.20          |
| 298.00    | 0.71            | 321.08      | 297.99     | 2.10    | 1.24    | -1.75   | 0.32          |
| 359.00    | 0.69            | 313.50      | 358.99     | 2.85    | 1.79    | -2.25   | 0.16          |
| 454.00    | 0.88            | 322.42      | 453.98     | 4.15    | 2.76    | -3.11   | 0.24          |
| 549.00    | 0.68            | 314.48      | 548.97     | 5.43    | 3.73    | -3.96   | 0.24          |
| 644.00    | 0.67            | 320.68      | 643.96     | 6.55    | 4.56    | -4.71   | 0.08          |
| 720.00    | 0.67            | 320.00      | 719.96     | 7.44    | 5.24    | -5.28   | 0.01          |