

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5208
Name: Exxon Mobil Oil Corporation *
Address: P. O. Box 4358
City/State/Zip: Houston, TX 77210-4358
Purchaser: _____
Operator Contact Person: Beverly Roppolo
Phone: (281) 654-1943
Contractor: Name: Key Energy
License: N. A.
Wellsite Geologist: N. A.

Designate Type of Completion: REFRAC
____ New Well ____ Re-Entry Workover
____ Oil ____ SWD ____ SLOW ____ Temp. Abd.
 Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Mobil Oil Corporation
Well Name: Bolenbaugh-Moyer Unit, Well #3
Original Comp. Date: 7-9-96 Original Total Depth: 2877'
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____
4-20-02 6-18-96 4-25-02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 067-21377-00-01
County: Stevens
SE NWNW Sec. 6 Twp. 27 S. R. 35 East West
1250 FNL feet from S (circle one) Line of Section
1250 FWL feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bolenbaugh-Moyer Unit Well #: 3
Field Name: Hugoton
Producing Formation: Chase
Elevation: Ground: 3092 Kelly Bushing: 3101
Total Depth: 2877 Plug Back Total Depth: 2824
Amount of Surface Pipe Set and Cemented at 774 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set N. A. Feet
If Alternate II completion, cement circulated from N. A.
feet depth to N. A. w/ N. A. sx cmt.

Drilling Fluid Management Plan OWWO KJR 2-1-08
(Data must be collected from the Reserve Pit)
Chloride content N. A. ppm Fluid volume N. A. bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

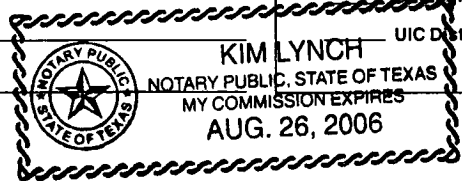
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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Beverly Roppolo
Title: Contract Completions Admin Date: 7/13/03
Subscribed and sworn to before me this 3rd day of July,
2003.
Notary Public: Kim Lynch
Date Commission Expires: Aug. 26, 2006

KCC Office Use ONLY
____ Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution



Operator Name: Exxon Mobil Oil Corporation * Lease Name: Bolenbaugh-Moyer Unit Well #: 3
 Sec. 6 Twp. 27 S. R. 35 East West County: Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | | | | | | | |
|--|---|-------|-----|-------|-----------|------|------|----------|------|------|---------|------|------|-----------|------|------|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>U. KRIDER</td> <td>2572</td> <td>2587</td> </tr> <tr> <td>WINFIELD</td> <td>2625</td> <td>2635</td> </tr> <tr> <td>TOWANDA</td> <td>2682</td> <td>2692</td> </tr> <tr> <td>FT. RILEY</td> <td>2721</td> <td>2741</td> </tr> </table> | Name | Top | Datum | U. KRIDER | 2572 | 2587 | WINFIELD | 2625 | 2635 | TOWANDA | 2682 | 2692 | FT. RILEY | 2721 | 2741 |
| Name | Top | Datum | | | | | | | | | | | | | | |
| U. KRIDER | 2572 | 2587 | | | | | | | | | | | | | | |
| WINFIELD | 2625 | 2635 | | | | | | | | | | | | | | |
| TOWANDA | 2682 | 2692 | | | | | | | | | | | | | | |
| FT. RILEY | 2721 | 2741 | | | | | | | | | | | | | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| SURFACE | 12.250 | 8.625 | 24# | 774' | CLASS C | 450 | 50:50 c/poz |
| PRODUCTION | 7.875 | 5.500 | 14# | 2867' | CLASS C | 150, 75 | 3%D79,2% B28 |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 1 SPF | 2572' - 2741' | FRAC'D WELL WITH 974,300 scf OF 80Q N2 FOAM @ 80BPM | |

| | | | | |
|---------------|------|--------|-----------|---|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|------|--------|-----------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or Enhr. 7-2-96 | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|---|--|

| | | | | | |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|

Disposition of Gas Vented Sold Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

| | |
|---|---|
| Schlumberger Job Date: 04-22-2002 | Customer: Exxon Mobil District: Ulysses Representative: Mr. Richard Lewis DS Supervisor: Dave Brawley Well: Bolenbaugh-Moyer #3 |
|---|---|

| AcqTime mm:dd:yyyy:hh:mm:ss | TR PRESS psi | SLUR RATE bbl/min | TOT SLUR bbl | BH INJ RATE bbl/min | N2 RATE scf/min | TOT N2 Mscf | BH FOAM QUALITY % |
|--------------------------------|---------------------|----------------------|-----------------|------------------------|--------------------|----------------|----------------------|
| 04:22:2002:08:45:23 | 119 | 1.5 | 0.0 | 0.0 | 2431 | 0.0 | 0.0 |
| 04:22:2002:08:45:43 | 339 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:46:03 | 151 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:46:23 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:46:43 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:47:03 | 142 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:47:23 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:47:43 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:48:03 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:48:23 | 142 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:48:43 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:49:03 | 142 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:49:23 | 146 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:49:43 | 2431 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:50:03 | 2962 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:50:23 | 2856 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:50:43 | 2806 | 0.0 | 0.0 | 0.0 | 1141 | 0.0 | 0.0 |
| 04:22:2002:08:51:03 | 2774 | 0.0 | 0.0 | 0.0 | 3322 | 0.0 | 0.0 |
| 04:22:2002:08:51:23 | 2760 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:51:43 | 2774 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:52:03 | 2783 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:52:23 | 2792 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:52:43 | 2751 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:53:03 | 2724 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:53:23 | 105 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:53:38 | Started Pad | | | | 0 | 0.0 | 0.0 |
| 04:22:2002:08:53:38 | 96 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:08:53:43 | 101 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:09:01:40 | 14 | 0.0 | 0.0 | 0.0 | 0 | 2.1 | 0.0 |
| 04:22:2002:09:02:00 | 23 | 0.0 | 0.0 | 0.0 | 0 | 0.0 | 0.0 |
| 04:22:2002:09:02:20 | 96 | 0.0 | 0.0 | 27.2 | 11546 | 3.7 | 0.0 |
| 04:22:2002:09:02:40 | 192 | 0.0 | 0.0 | 32.0 | 13557 | 7.7 | 0.0 |
| 04:22:2002:09:03:00 | 266 | 5.8 | 0.6 | 38.2 | 13747 | 12.3 | 0.0 |
| 04:22:2002:09:03:20 | 311 | 7.7 | 3.0 | 40.2 | 13757 | 16.8 | 0.0 |
| 04:22:2002:09:03:40 | 334 | 7.9 | 5.6 | 40.3 | 13737 | 21.4 | 0.0 |
| 04:22:2002:09:03:51 | Stage at Perfs: Pad | | | | 13737 | 23.9 | 0.0 |
| 04:22:2002:09:03:51 | 348 | 7.9 | 7.1 | 40.3 | 13767 | 26.0 | 0.0 |
| 04:22:2002:09:04:00 | 380 | 7.9 | 8.3 | 40.4 | 20621 | 30.4 | 0.0 |
| 04:22:2002:09:04:20 | 476 | 16.0 | 11.7 | 64.7 | 25953 | 38.6 | 80.6 |
| 04:22:2002:09:04:40 | 687 | 16.2 | 17.0 | 77.4 | 27364 | 47.6 | 80.5 |
| 04:22:2002:09:05:00 | 847 | 15.9 | 22.3 | 80.5 | 26514 | 57.0 | 79.4 |
| 04:22:2002:09:05:20 | 1035 | 15.9 | 27.6 | 78.5 | 26984 | 65.9 | 79.9 |
| 04:22:2002:09:05:40 | 1236 | 15.8 | 32.9 | 79.4 | 27134 | 74.9 | 82.2 |
| 04:22:2002:09:06:00 | 1364 | 16.0 | 38.2 | 80.0 | 27274 | 83.9 | 80.0 |
| 04:22:2002:09:06:20 | 1465 | 15.9 | 43.6 | 80.3 | 27294 | 93.0 | 80.0 |
| 04:22:2002:09:06:40 | 1556 | 15.9 | 48.9 | 80.3 | 27324 | 102.2 | 80.1 |
| 04:22:2002:09:07:00 | 1634 | 15.9 | 54.2 | 80.4 | 27294 | 111.3 | 80.1 |
| 04:22:2002:09:07:20 | 1685 | 15.9 | 59.5 | 80.3 | 27304 | 120.3 | 80.2 |
| 04:22:2002:09:07:40 | 1707 | 15.9 | 64.8 | 80.1 | 27254 | 129.4 | 80.2 |
| 04:22:2002:09:08:00 | 1730 | 15.8 | 70.1 | 80.1 | 27224 | 138.5 | 80.2 |
| 04:22:2002:09:08:20 | 1753 | 15.9 | 75.4 | 80.1 | 27214 | 147.6 | 80.2 |
| 04:22:2002:09:08:40 | 1767 | 15.9 | 80.7 | 80.1 | 27184 | 156.6 | 80.2 |
| 04:22:2002:09:09:00 | 1781 | 15.8 | 86.0 | 80.0 | 27224 | 165.7 | 80.2 |
| 04:22:2002:09:09:20 | 1781 | 15.8 | 91.3 | 80.1 | 27214 | 174.8 | 80.2 |
| 04:22:2002:09:09:40 | 1776 | 15.9 | 96.6 | 80.2 | 27294 | 183.9 | 80.2 |
| 04:22:2002:09:10:00 | 1785 | 15.8 | 101.9 | 80.3 | 27324 | 193.0 | 80.2 |
| 04:22:2002:09:10:20 | 1785 | 15.8 | 107.2 | 80.3 | 27324 | 202.1 | 80.2 |
| 04:22:2002:09:10:40 | 1794 | 15.8 | 112.4 | 80.4 | 27324 | 211.2 | 80.2 |
| 04:22:2002:09:11:00 | 1799 | 15.9 | 117.7 | 80.4 | 27334 | 220.3 | 80.2 |
| 04:22:2002:09:11:20 | 1799 | 15.9 | 123.0 | 80.3 | 27324 | 229.4 | 80.2 |
| 04:22:2002:09:11:40 | 1794 | 15.8 | 128.3 | 80.3 | 27324 | 238.5 | 80.2 |
| 04:22:2002:09:12:00 | 1785 | 15.8 | 133.6 | 80.4 | 27334 | 247.6 | 80.2 |
| 04:22:2002:09:12:20 | 1762 | 15.9 | 138.9 | 80.5 | 27324 | 256.7 | 80.2 |
| 04:22:2002:09:12:40 | 1744 | 16.0 | 144.2 | 80.5 | 27314 | 265.8 | 80.2 |
| 04:22:2002:09:13:00 | 1726 | 16.1 | 149.6 | 80.7 | 27334 | 274.9 | 80.1 |
| 04:22:2002:09:13:20 | 1703 | 16.2 | 155.0 | 80.6 | 27324 | 284.0 | 80.0 |
| 04:22:2002:09:13:40 | 1685 | 16.1 | 160.3 | 80.5 | 27294 | 293.1 | 80.0 |
| 04:22:2002:09:14:00 | 1666 | 16.1 | 165.7 | 80.5 | 27304 | 302.2 | 80.0 |
| 04:22:2002:09:14:20 | 1653 | 16.1 | 171.1 | 80.5 | 27294 | 311.3 | 80.0 |
| 04:22:2002:09:14:40 | 1643 | 16.1 | 176.5 | 80.5 | 27304 | 320.4 | 80.0 |
| 04:22:2002:09:15:00 | 1634 | 16.1 | 181.9 | 80.5 | | | |

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Well: Bolenbaugh-Moyer #3

Job Date: 04-22-2002

| AcqTime mm:dd:yyyy:hh:mm:ss | TR PRESS psi | SLUR RATE bbl/min | TOT SLUR bbl | BH INJ RATE bbl/min | N2 RATE scf/min | TOT N2 Mscf | BH FOAM QUALITY % |
|--------------------------------|----------------------------|----------------------|-----------------|------------------------|--------------------|----------------|----------------------|
| 04:22:2002:09:16:00 | 1616 | 16.1 | 198.0 | 80.5 | 27294 | 347.7 | 79.9 |
| 04:22:2002:09:16:20 | 1611 | 16.1 | 203.4 | 80.5 | 27314 | 356.8 | 79.9 |
| 04:22:2002:09:16:40 | 1607 | 16.1 | 208.8 | 80.5 | 27304 | 365.9 | 79.9 |
| 04:22:2002:09:17:00 | 1607 | 16.2 | 214.2 | 80.6 | 27304 | 375.0 | 80.0 |
| 04:22:2002:09:17:17 | Rate/Psi | | | | | | |
| 04:22:2002:09:17:17 | 1602 | 16.1 | 218.7 | 80.6 | 27334 | 382.8 | 80.0 |
| 04:22:2002:09:17:20 | 1602 | 16.1 | 219.5 | 80.6 | 27324 | 384.1 | 80.0 |
| 04:22:2002:09:17:40 | 1602 | 16.0 | 224.9 | 80.4 | 27314 | 393.2 | 80.0 |
| 04:22:2002:09:18:00 | 1602 | 16.1 | 230.2 | 80.5 | 27294 | 402.3 | 80.0 |
| 04:22:2002:09:18:20 | 1602 | 16.0 | 235.6 | 80.2 | 27224 | 411.4 | 80.0 |
| 04:22:2002:09:18:40 | 1602 | 16.0 | 240.9 | 80.4 | 27314 | 420.5 | 80.1 |
| 04:22:2002:09:19:00 | 1602 | 16.0 | 246.3 | 80.4 | 27304 | 429.6 | 80.1 |
| 04:22:2002:09:19:20 | 1611 | 16.0 | 251.6 | 80.5 | 27344 | 438.8 | 80.1 |
| 04:22:2002:09:19:40 | 1602 | 16.0 | 256.9 | 80.5 | 27324 | 447.9 | 80.1 |
| 04:22:2002:09:20:00 | 1602 | 16.0 | 262.3 | 80.4 | 27304 | 457.0 | 80.1 |
| 04:22:2002:09:20:20 | 1607 | 16.0 | 267.6 | 80.5 | 27354 | 466.1 | 80.1 |
| 04:22:2002:09:20:40 | 1607 | 16.1 | 273.0 | 80.6 | 27334 | 475.2 | 80.1 |
| 04:22:2002:09:21:00 | 1611 | 16.0 | 278.3 | 80.5 | 27334 | 484.3 | 80.1 |
| 04:22:2002:09:21:20 | 1611 | 16.0 | 283.7 | 80.5 | 27324 | 493.4 | 80.1 |
| 04:22:2002:09:21:40 | 1616 | 16.0 | 289.0 | 80.5 | 27344 | 502.5 | 80.1 |
| 04:22:2002:09:22:00 | 1616 | 16.0 | 294.3 | 80.5 | 27334 | 511.6 | 80.1 |
| 04:22:2002:09:22:20 | 1616 | 16.0 | 299.7 | 80.5 | 27354 | 520.7 | 80.1 |
| 04:22:2002:09:22:40 | 1616 | 16.0 | 305.0 | 80.5 | 27344 | 529.9 | 80.1 |
| 04:22:2002:09:23:00 | 1611 | 16.0 | 310.4 | 80.5 | 27334 | 539.0 | 80.1 |
| 04:22:2002:09:23:20 | 1607 | 16.0 | 315.7 | 80.6 | 27364 | 548.1 | 80.1 |
| 04:22:2002:09:23:40 | 1607 | 16.0 | 321.1 | 80.6 | 27374 | 557.2 | 80.1 |
| 04:22:2002:09:24:00 | 1602 | 16.0 | 326.4 | 80.6 | 27384 | 566.3 | 80.1 |
| 04:22:2002:09:24:20 | 1602 | 16.0 | 331.8 | 80.6 | 27384 | 575.5 | 80.1 |
| 04:22:2002:09:24:40 | 1598 | 16.0 | 337.1 | 80.5 | 27344 | 584.6 | 80.1 |
| 04:22:2002:09:25:00 | 1593 | 16.0 | 342.5 | 80.5 | 27344 | 593.7 | 80.1 |
| 04:22:2002:09:25:20 | 1593 | 16.0 | 347.8 | 80.5 | 27354 | 602.8 | 80.1 |
| 04:22:2002:09:25:40 | 1840 | 16.0 | 353.1 | 80.5 | 27324 | 611.9 | 80.1 |
| 04:22:2002:09:26:00 | 1593 | 16.0 | 358.5 | 80.5 | 27344 | 621.0 | 80.1 |
| 04:22:2002:09:26:20 | 1593 | 16.0 | 363.8 | 80.4 | 27314 | 630.2 | 80.1 |
| 04:22:2002:09:26:40 | 1593 | 16.0 | 369.2 | 80.4 | 27314 | 639.3 | 80.1 |
| 04:22:2002:09:27:00 | 1593 | 16.1 | 374.5 | 80.5 | 27294 | 648.4 | 80.1 |
| 04:22:2002:09:27:20 | 1593 | 16.1 | 379.9 | 80.5 | 27294 | 657.5 | 80.1 |
| 04:22:2002:09:27:40 | 1588 | 16.0 | 385.2 | 80.4 | 27314 | 666.6 | 80.1 |
| 04:22:2002:09:28:00 | 1593 | 16.0 | 390.6 | 80.4 | 27304 | 675.7 | 80.1 |
| 04:22:2002:09:28:20 | 1584 | 16.1 | 395.9 | 80.5 | 27314 | 684.8 | 80.1 |
| 04:22:2002:09:28:40 | 1831 | 16.0 | 401.3 | 80.4 | 27294 | 693.9 | 80.1 |
| 04:22:2002:09:29:00 | 1579 | 16.0 | 406.6 | 80.4 | 27314 | 703.0 | 80.1 |
| 04:22:2002:09:29:20 | 1584 | 16.0 | 412.0 | 80.4 | 27304 | 712.1 | 80.0 |
| 04:22:2002:09:29:40 | 1579 | 16.1 | 417.3 | 80.5 | 27294 | 721.2 | 80.0 |
| 04:22:2002:09:30:00 | 1579 | 16.0 | 422.7 | 80.4 | 27304 | 730.3 | 80.0 |
| 04:22:2002:09:30:20 | 1584 | 16.0 | 428.0 | 80.4 | 27304 | 739.4 | 80.0 |
| 04:22:2002:09:30:40 | 1579 | 16.0 | 433.4 | 80.4 | 27294 | 748.5 | 80.0 |
| 04:22:2002:09:31:00 | 1579 | 16.0 | 438.7 | 80.5 | 27334 | 757.6 | 80.0 |
| 04:22:2002:09:31:20 | 1575 | 16.0 | 444.1 | 80.5 | 27344 | 766.7 | 80.0 |
| 04:22:2002:09:31:40 | 1575 | 16.0 | 449.4 | 80.6 | 27364 | 775.8 | 80.1 |
| 04:22:2002:09:32:00 | 1575 | 16.0 | 454.8 | 80.6 | 27374 | 784.9 | 80.1 |
| 04:22:2002:09:32:20 | 1570 | 16.0 | 460.1 | 80.1 | 27184 | 794.0 | 80.1 |
| 04:22:2002:09:32:40 | 1570 | 16.0 | 465.5 | 80.1 | 27154 | 803.1 | 80.1 |
| 04:22:2002:09:33:00 | 1566 | 16.1 | 470.9 | 80.1 | 27134 | 812.2 | 80.0 |
| 04:22:2002:09:33:20 | 1566 | 16.0 | 476.2 | 80.0 | 27124 | 821.2 | 80.0 |
| 04:22:2002:09:33:40 | 1566 | 16.0 | 481.6 | 80.0 | 27124 | 830.3 | 79.9 |
| 04:22:2002:09:34:00 | 1570 | 16.1 | 486.9 | 80.1 | 27134 | 839.3 | 79.9 |
| 04:22:2002:09:34:20 | 1579 | 16.1 | 492.3 | 80.1 | 27134 | 848.3 | 79.9 |
| 04:22:2002:09:34:40 | 1593 | 16.0 | 497.6 | 80.0 | 27114 | 857.4 | 79.9 |
| 04:22:2002:09:35:00 | 1607 | 16.1 | 503.0 | 80.1 | 27134 | 866.4 | 79.9 |
| 04:22:2002:09:35:20 | 1620 | 16.1 | 508.3 | 80.1 | 27134 | 875.5 | 79.9 |
| 04:22:2002:09:35:40 | 1634 | 16.0 | 513.7 | 80.0 | 27124 | 884.5 | 79.9 |
| 04:22:2002:09:36:00 | 1643 | 16.0 | 519.0 | 80.0 | 27124 | 893.5 | 79.9 |
| 04:22:2002:09:36:20 | 1653 | 16.0 | 524.4 | 79.9 | 27104 | 902.6 | 79.9 |
| 04:22:2002:09:36:40 | 1643 | 16.1 | 529.7 | 80.1 | 27114 | 911.6 | 79.9 |
| 04:22:2002:09:37:00 | 1625 | 16.0 | 535.1 | 80.0 | 27114 | 920.6 | 79.9 |
| 04:22:2002:09:37:20 | 1611 | 16.1 | 540.4 | 80.0 | 27104 | 929.7 | 79.9 |
| 04:22:2002:09:37:40 | 1593 | 16.0 | 545.8 | 79.9 | 27094 | 938.7 | 79.9 |
| 04:22:2002:09:37:56 | Staged Flush Automatically | | | | | | |
| 04:22:2002:09:37:56 | 1593 | 16.1 | 550.1 | 80.0 | 27104 | 945.9 | 79.9 |
| 04:22:2002:09:38:00 | 1520 | 0.0 | 550.5 | 63.9 | 27114 | 947.8 | 79.9 |
| 04:22:2002:09:38:20 | 1469 | 0.0 | 550.5 | 64.0 | 27134 | 956.8 | 79.9 |
| 04:22:2002:09:38:40 | 1474 | 0.0 | 550.5 | 63.9 | 27114 | 965.8 | 79.9 |
| 04:22:2002:09:38:56 | Stage at Perfs: Flush | | | | | | |
| 04:22:2002:09:38:56 | 1456 | 0.0 | 550.5 | 55.4 | 27124 | 973.1 | 80.9 |
| 04:22:2002:09:39:00 | 1378 | 0.0 | 550.5 | 8.4 | 3562 | 974.3 | 0.0 |
| 04:22:2002:09:39:20 | 1309 | 0.0 | 550.5 | 0.0 | 0 | 974.3 | 0.0 |
| 04:22:2002:09:39:40 | 1295 | 0.0 | 550.5 | 0.0 | 0 | 974.3 | 0.0 |

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ORIGINAL

Well: Bolenbaugh-Moyer #3

Job Date: 04-22-2002

| AcqTime mm:dd:yyyy:hh:mm:ss | TR PRESS psi | SLUR RATE bbl/min | TOT SLUR bbl | BH INJ RATE bbl/min | N2 RATE scf/min | TOT N2 Mscf | BH FOAM QUALITY % |
|--------------------------------|-----------------|----------------------|-----------------|------------------------|--------------------|----------------|----------------------|
|--------------------------------|-----------------|----------------------|-----------------|------------------------|--------------------|----------------|----------------------|

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