



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS MANAGEMENT PROGRAM

L
May 17 2007
MAY 17 2007

| DEP USE ONLY | |
|--------------|---------------------|
| Site Id | Primary Facility Id |
| Client Id | Sub-facility Id |

WELL RECORD AND COMPLETION REPORT

| | | | | | |
|---|----------------------------|---|---|--|----------|
| Well Operator Guardian Exploration, LLC | | DEP ID# 237396 | Well API # (Permit / Reg) 37-105-21268-00 | Project Number | Acres |
| Address PO Box 225 | | | Well Farm Name REYNOLDS | Well # RX804 | Serial # |
| City Hunt | State TX | Zip Code 78024 | County Potter | Municipality Pleasant Valley | |
| Phone 830-367-6022 | Fax 830-367-6066 | USGS 7.5 min. quadrangle map Shinglehouse | | | |

Check all that apply: Original Well Record Original Completion Report Amended Well Record Amended Completion Report

WELL RECORD Also complete Log of Formations on back (page 2)

| Well Type | <input checked="" type="checkbox"/> Gas | <input type="checkbox"/> Oil | <input type="checkbox"/> Combination Oil & Gas | <input type="checkbox"/> Injection | <input type="checkbox"/> Storage | <input type="checkbox"/> Disposal | |
|---|--|---|--|---|--------------------------------------|--|----------|
| Drilling Method | <input checked="" type="checkbox"/> Rotary - Air | <input type="checkbox"/> Rotary - Mud | <input type="checkbox"/> Cable Tool | | | | |
| Date Drilling Started 9/26/06 | Date Drilling Completed 9/29/06 | Surface Elevation 2075 ft. | Total Depth - Driller 2200 ft. | Total Depth - Logger 2206 ft. | | | |
| Casing and Tubing | | Cement returned on surface casing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | |
| | | Cement returned on coal protective casing? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | | | |
| Hole Size | Pipe Size | Wt. | Thread / Weld | Amount in Well (ft) | Material Behind Pipe Type and Amount | Packer / Hardware / Centralizers Type Size Depth | Date Run |
| 12 1/4 | 9 5/8 | 36 | THD. | 28 | DRILL CUTTINGS | | 9/26/06 |
| 8 1/4 | 7 | 17 | THD. | 520 | 100 SKS. CEMENT (CLASS A) | Centralizer 8 1/4 X 7 496 413,186 | 9/26/06 |
| 6 1/4 | 2 3/8 | 4.6 | THD. | 2075 | NONE | | 10/25/06 |

COMPLETION REPORT

| Perforation Record | | | Stimulation Record | | | | |
|---------------------------|--------------------------|----|-------------------------------|------------------|-------------------|----------------------------|-------------------|
| Date | Interval Perforated From | To | Date | Interval Treated | Fluid Type Amount | Propping Agent Type Amount | Average Injection |
| | | | | SEE | | | |
| | | | | FRAC | | | |
| | | | | REPORT | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Natural Open Flow | 15 | | Natural Rock Pressure | 325 PSI | | 24 Hours | Days |
| After Treatment Open Flow | N/A | | After Treatment Rock Pressure | 525 PSI | | 24 Hours | Days |

Well Service Companies -- Provide the name, address, and phone number of all well service companies involved. **RECEIVED**

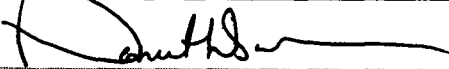
| | | |
|---|---|--|
| Name Superior Well Services | Name Dallas-Morris Drilling, Inc. | Name |
| Address P.O. Box 482 | Address 29 Morris Lane | Address JUN 08 2007 |
| City - State - Zip Bradford, PA 16701 | City - State - Zip Bradford, PA 16701 | City - State - Zip |
| Phone 814-368-6228 | Phone 814-362-6493 | Phone ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE |

LOG OF FORMATIONS

Well API#: 37-105-21268-00

| Formation Name or Type | Top (feet) | Bottom (feet) | Gas at (feet) | Oil at (feet) | Water at (fresh / brine; ft.) | Source of Data |
|---------------------------|------------|---------------|---------------|---------------|-------------------------------|---|
| SEE ATTACHED DRILLERS LOG | | | | | | <p>RECEIVED</p> <p>JUN 08 2007</p> <p>ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE</p> <p>RECEIVED</p> <p>MAY 17 2007</p> <p>ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE</p> |

Please delete empty rows if necessary to make all of page 2 fit on one page.

| | |
|---|------------------------------------|
| <p>Well Operator's Signature:</p> <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">  </div> | <p>DEP USE ONLY</p> |
| <p>Title: President</p> | <p>Reviewed by: <i>HEW 52W</i></p> |
| <p>Date: 5-9-07</p> | <p>Date: 6-6-07</p> |
| <p>Comments:</p> | <p>Comments:</p> |



**Plants &
Goodwin** INC.

OIL & GAS FIELD SERVICES

PAUL R. PLANTS
STEPHEN D. PLANTS

1034 ROUTE 44 • SHINGLEHOUSE, PA 16748 • (814) 697-6330 • (814) 697-7515 FAX

GUARDIAN EXPLORATION, LLC
DRILLERS LOG
REYNOLDS WELL #RX804

SPUD DATE: 09/26/06
COMPLETION DATE: 09/29/06
SIZE OF CONDUCTOR: 9 5/8"
AMOUNT OF CONDUCTOR: 28'

CASING SIZE: 7"
SURFACE CASING SET @: 520'
CEMENT RETURNS: 4 BBLs.
DATE CENTRALIZERS RUN: 9/26/06
CENTRALIZERS SET @: 496'; 413'; 186'

| | |
|-----------|---------------------|
| 0-13 | ROCKS & DIRT |
| 13-167 | RED ROCK |
| 167-174 | SHALE |
| 174-308 | RED ROCK |
| 308-471 | SHALE |
| 471-481 | SAND |
| 481-666 | SHALE |
| 666-696 | SAND |
| 696-711 | SHALE |
| 711-741 | SAND |
| 741-766 | SHALE |
| 766-796 | SAND (SMELL OF GAS) |
| 796-1128 | SHALE |
| 1128-1158 | SAND (SMELL OF GAS) |
| 1158-1400 | SHALE |
| 1400-1430 | SAND (SMELL OF GAS) |
| 1430-1542 | SHALE |
| 1542-1602 | SAND (SMELL OF GAS) |
| 1602-1884 | SHALE |
| 1884-1944 | SAND (SMELL OF GAS) |
| 1944-2200 | SHALE |
| 2200 | T.D. |

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SUPERIOR WELL SERVICES
 PO BOX 458
 BLACK LICK, PA 15716
 724-248-1001 TELEPHONE
 724-248-1005 FACIMILE
 superiorwells.com

***** CUSTOMER & WELL INFORMATION *****

4857 10/25/2006
 GUARDIAN RX - 804
 EXPLORATION
 PENNSYLVANIA POTTER COUNTY
 GARY TAYLOR
 3-1/2;NPT;J-55; 9.20# - NONE -

***** TREATMENT SUMMARY *****

| Finish | Formation | Top Interval | Low Interval | Treatment | Flush | |
|-----------|-------------|--------------|------------------|-----------|----------|----------|
| STAGE: 1 | 06:38:14 AM | WARREN | 1007.5 FEET | 50 SKS | 3550 GAL | 700 GAL |
| | | 2ND | | | | |
| STAGE: 2 | 07:20:46 AM | BRADFORD | 1152.5 FEET | 90 SKS | 5550 GAL | 700 GAL |
| | | 1ST | | | | |
| STAGE: 3 | 07:44:31 AM | BRADFORD | 1157 FEET | 70 SKS | 4550 GAL | 700 GAL |
| | | 1ST | | | | |
| STAGE: 4 | 08:10:13 AM | BRADFORD | 1202 FEET | 50 SKS | 3550 GAL | 700 GAL |
| | | 1ST | | | | |
| STAGE: 5 | 08:41:52 AM | CLARENDO | 1242.5 FEET | 70 SKS | 4550 GAL | 700 GAL |
| | | N | | | | |
| STAGE: 6 | 09:16:39 AM | CHIPMUNK | 1350 FEET | 60 SKS | 4050 GAL | 700 GAL |
| | | SAND | | | | |
| STAGE: 7 | 09:59:45 AM | CHIPMUNK | 1362 FEET | 70 SKS | 4550 GAL | 700 GAL |
| | | SAND | | | | |
| STAGE: 8 | 10:28:31 AM | CHIPMUNK | 1388.5 FEET | 60 SKS | 4050 GAL | 700 GAL |
| | | SAND | | | | |
| STAGE: 9 | 10:58:54 AM | CHIPMUNK | 1392.5 FEET | 80 SKS | 5050 GAL | 700 GAL |
| | | SAND | | | | |
| STAGE: 10 | 11:24:08 AM | CHIPMUNK | 1398.5 FEET | 60 SKS | 4050 GAL | 700 GAL |
| | | SAND | | | | |
| STAGE: 11 | 11:56:02 AM | COOPER | 1488.5 FEET | 70 SKS | 4550 GAL | 800 GAL |
| STAGE: 12 | 12:30:40 PM | HARRISBUR | 1579 FEET | 70 SKS | 4550 GAL | 800 GAL |
| | | G RUN | | | | |
| STAGE: 13 | 01:05:35 PM | HARRISBUR | 1583 FEET | 60 SKS | 4050 GAL | 800 GAL |
| | | G RUN | | | | |
| STAGE: 14 | 01:50:15 PM | HARRISBUR | 1697.5 FEET | 80 SKS | 5050 GAL | 800 GAL |
| | | G RUN | | | | |
| STAGE: 15 | 02:23:46 PM | BRADFORD | 1781.5 FEET | 80 SKS | 5050 GAL | 800 GAL |
| | | 3RD | | | | |
| STAGE: 16 | 02:59:22 PM | LEWIS RUN | 1865 - 1879.5 | 100 SKS | 6050 GAL | 1000 GAL |

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 NORTHWEST REGIONAL OFFICE

105-21268

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 1 of 18 |
| Date : Wed 10/25/2006 | Start Time : 06:26:30 (06:26 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : WARREN 2ND | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 3550 GAL | Flush Vol : 700 GAL |
| Top Int : 1007.5 FEET | Bottom Int : 50 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1673 *** AVERAGE RATE: 16.1 *** AVERAGE HHP: 662 *** PTS USED: 8
 BROKE FORMATION: Brk Form *** 2500 BACK TO: 1989

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 06:27:45 | PAUSED | 29 | 2.1 | 7 | 7 | 4 |
| 06:28:07 | Brk Form | 2031 | 1.9 | 34 | 34 | 95 |
| 06:28:35 | SS 1/2 | 1943 | 15.8 | 250 | 250 | 749 |
| 06:28:37 | ZEROSUB | 1911 | 15.9 | 3 | 274 | 742 |
| 06:29:39 | SS 1 | 1647 | 16.4 | 713 | 983 | 664 |
| 06:30:41 | SS 1 1/2 | 1457 | 16.3 | 1421 | 1692 | 581 |
| 06:31:43 | SS 2 | 1440 | 16.3 | 2123 | 2394 | 574 |
| 06:32:59 | CHK P&R | 1588 | 16.0 | 2984 | 3254 | 622 |
| 06:33:01 | CHK P&R | 1598 | 16.0 | 3004 | 3274 | 624 |
| 06:33:51 | FS | 1806 | 16.1 | 3568 | 3839 | 711 |
| 06:34:31 | ZEROSUB | 1999 | 16.2 | 0 | 4293 | 795 |
| 06:35:33 | FF | 1903 | 16.3 | 709 | 5003 | 763 |
| | | | | | | |

POST JOB COMMENTS

<11.00> Cw-3k Per Pound
 <0.20> Cw-3k Breaker
 <1.00> Super OW 3 - per gallon
 <50.00> Sks Sand

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ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 2 of 18 |
| Date : Wed 10/25/2006 | Start Time : 06:38:57 (06:38 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : BRADFORD 1ST | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 5550 GAL | Flush Vol : 700 GAL |
| Top Int : 1152.5 FEET | Bottom Int : 90 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1800 *** AVERAGE RATE: 15.9 *** AVERAGE HHP: 702 *** PTS USED: 10
 CALCULATED SHUT IN: ISIP *** 858
 BROKE FORMATION: Brk Form *** 2855 BACK TO: Error

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 07:07:14 | PAUSED | -15 | 0.0 | 0 | 0 | 0 |
| 07:07:40 | Brk Form | 2111 | 3.0 | 18 | 18 | 192 |
| 07:08:14 | SS 1/2 | 3072 | 14.8 | 252 | 252 | 1108 |
| 07:08:22 | ZEROSUB | 1895 | 15.1 | 13 | 337 | 694 |
| 07:09:24 | SS 1 | 1713 | 15.7 | 707 | 1031 | 656 |
| 07:10:28 | SS 1 1/2 | 1608 | 16.1 | 1421 | 1745 | 636 |
| 07:11:30 | SS 2 | 1434 | 16.1 | 2115 | 2439 | 566 |
| 07:13:16 | CHK P&R | 1510 | 16.1 | 3306 | 3630 | 596 |
| 07:14:22 | CHK P&R | 1572 | 16.0 | 4043 | 4367 | 616 |
| 07:15:50 | CHK P&R | 1651 | 15.9 | 5022 | 5346 | 643 |
| 07:16:40 | FS | 1772 | 16.0 | 5579 | 5903 | 694 |
| 07:17:20 | SF | 1842 | 16.3 | 6030 | 6354 | 734 |
| 07:17:22 | ZEROSUB | 1843 | 16.3 | 3 | 6378 | 737 |
| 07:18:26 | FF | 1829 | 16.2 | 731 | 7105 | 729 |
| 07:18:46 | ISIP | 781 | 0.0 | 749 | 7124 | 0 |

POST JOB COMMENTS

<90.00> SkS Sand
 <1.00> Super OW 3 - per gallon
 <16.00> Cw-3k Per Pound
 <0.40> Cw-3k Breaker

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 NORTHWEST REGIONAL OFFICE

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 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 3 of 18 |
| Date : Wed 10/25/2006 | Start Time : 07:21:09 (07:21 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : BRADFORD 1ST | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4550 GAL | Flush Vol : 700 GAL |
| Top Int : 1157 FEET | Bottom Int : 70 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2046 *** AVERAGE RATE: 13.4 *** AVERAGE HHP: 673 *** PTS USED: 6
 BROKE FORMATION: Brk Form *** 2277 BACK TO: 2191

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 07:32:40 | PAUSED | 29 | 0.0 | 0 | 0 | 0 |
| 07:33:01 | Brk Form | 1996 | 3.2 | 24 | 24 | 155 |
| 07:33:20 | SS 1/2 | 2222 | 15.2 | 159 | 159 | 826 |
| 07:33:22 | ZEROSUB | 2185 | 15.3 | 181 | 181 | 819 |
| 07:34:28 | SS 1 | 1953 | 16.0 | 730 | 918 | 770 |
| 07:35:31 | SS 1 1/2 | 1842 | 16.1 | 1425 | 1613 | 726 |
| 07:36:32 | SS 2 | 1928 | 15.9 | 2116 | 2304 | 752 |
| 07:40:25 | FS | 2401 | 8.8 | 4022 | 4210 | 518 |
| 07:41:37 | ZEROSUB | 2245 | 8.5 | 0 | 4642 | 474 |
| 07:42:52 | FF | 1933 | 8.5 | 454 | 5096 | 403 |
| | | | | | | |

POST JOB COMMENTS

<0.30> Cw-3k Breaker
 <14.00> Cw-3k Per Pound
 <1.00> Super OW 3 - per gallon
 <60.00> Sks Sand

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 NORTHWEST REGIONAL OFFICE

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ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | | | |
|------------|--------------------------------|------------|------------------------------|
| Invoice | : 4857 | Stage | : 4 of 18 |
| Date | : Wed 10/25/2006 | Start Time | : 07:44:55 (07:44 AM) |
| Customer | : GUARDIAN EXPLORATION | Lease | : RX - 804 |
| State | : PENNSYLVANIA | County | : POTTER COUNTY |
| Engineer | : GARY TAYLOR | Comments | : |
| Primary | : 3-1/2;NPT;J-55; 9.20# - USED | Secondary | : NONE - |
| Formation | : BRADFORD 1ST | Job Type | : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol | : 3550 GAL | Flush Vol | : 700 GAL |
| Top Int | : 1202 FEET | Bottom Int | : 50 SKS |
| Notch/Perf | : 1 NOTCH EACH | Comments | : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1981 *** AVERAGE RATE: 15.9 *** AVERAGE HHP: 770 *** PTS USED: 7
 CALCULATED SHUT IN: ISIP *** 908
 BROKE FORMATION: Brk Form *** 2238 BACK TO: 2072

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 08:00:05 | PAUSED | 39 | 8.8 | 8 | 8 | 7 |
| 08:00:22 | Brk Form | 1802 | 2.7 | 25 | 25 | 101 |
| 08:00:47 | SS 1/2 | 2145 | 16.0 | 201 | 201 | 847 |
| 08:00:50 | ZEROSUB | 2106 | 16.1 | 3 | 225 | 833 |
| 08:01:55 | SS 1 | 1858 | 15.8 | 737 | 958 | 721 |
| 08:02:58 | SS 1 1/2 | 1763 | 15.8 | 1423 | 1644 | 682 |
| 08:03:59 | SS 2 | 1756 | 15.9 | 2106 | 2328 | 684 |
| 08:05:25 | CHK P&R | 1884 | 15.7 | 3050 | 3271 | 725 |
| 08:06:11 | FS | 2127 | 15.9 | 3557 | 3778 | 827 |
| 08:06:53 | ZEROSUB | 2659 | 15.9 | 4023 | 4245 | 1034 |
| 08:07:58 | FF | 2336 | 15.9 | 711 | 4959 | 912 |
| 08:09:19 | ISIP | 902 | 0.0 | 730 | 4978 | 0 |

POST JOB COMMENTS

<50.00> Sks Sand
 <1.00> Super OW 3 - per gallon
 <11.00> Cw-3k Per Pound
 <0.20> Cw-3k Breaker

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ENVIRONMENTAL
 NORTHWEST REGIONAL OFFICE

ENVIRONMENTAL
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 5 of 18 |
| Date : Wed 10/25/2006 | Start Time : 08:11:03 (08:11 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : CLARENDON | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4550 GAL | Flush Vol : 700 GAL |
| Top Int : 1242.5 FEET | Bottom Int : 70 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1606 *** AVERAGE RATE: 16.1 *** AVERAGE HHP: 632 *** PTS USED: 8
 CALCULATED SHUT IN: ISIP *** 1054
 BROKE FORMATION: Brk Form *** 3120 BACK TO: 1644

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 08:27:03 | PAUSED | -20 | 14.2 | 11 | 11 | -7 |
| 08:29:27 | Brk Form | 2603 | 2.0 | 64 | 64 | 117 |
| 08:30:39 | SS 1/2 | 2066 | 15.9 | 389 | 389 | 803 |
| 08:30:41 | ZEROSUB | 2044 | 16.0 | 413 | 413 | 802 |
| 08:30:43 | ZEROSUB | 2032 | 16.0 | 10 | 433 | 801 |
| 08:31:45 | SS 1 | 1721 | 16.2 | 711 | 1134 | 681 |
| 08:32:47 | SS 1 1/2 | 1637 | 15.7 | 1412 | 1835 | 633 |
| 08:34:01 | SS 2 | 1030 | 15.4 | 2216 | 2638 | 547 |
| 08:35:47 | CHK P&R | 1590 | 16.2 | 3088 | 3510 | 629 |
| 08:37:07 | CHK P&R | 1567 | 16.1 | 4048 | 4471 | 618 |
| 08:37:53 | FS | 1622 | 16.5 | 4567 | 4990 | 653 |
| 08:38:41 | ZEROSUB | 1659 | 16.5 | 0 | 5545 | 672 |
| 08:39:43 | FF | 1612 | 16.5 | 718 | 6263 | 654 |
| 08:40:29 | ISIP | 1016 | 0.0 | 748 | 6292 | 0 |

POST JOB COMMENTS

<0.30> Cw-3k Breaker
 <14.00> Cw-3k Per Pound
 <1.00> Super OW 3 - per gallon
 <70.00> Sks Sand

END OF REPORT

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ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

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ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | | | |
|------------|--------------------------------|------------|------------------------------|
| Invoice | : 4857 | Stage | : 6 of 18 |
| Date | : Wed 10/25/2006 | Start Time | : 08:42:23 (08:42 AM) |
| Customer | : GUARDIAN EXPLORATION | Lease | : RX - 804 |
| State | : PENNSYLVANIA | County | : POTTER COUNTY |
| Engineer | : GARY TAYLOR | Comments | : |
| Primary | : 3-1/2;NPT;J-55; 9.20# - USED | Secondary | : NONE - |
| Formation | : CHIPMUNK SAND | Job Type | : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol | : 4050 GAL | Flush Vol | : 700 GAL |
| Top Int | : 1350 FEET | Bottom Int | : 60 SKS |
| Notch/Perf | : 1 NOTCH EACH | Comments | : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1730 *** AVERAGE RATE: 15.8 *** AVERAGE HHP: 668 *** PTS USED: 6
CALCULATED SHUT IN: ISIP *** 1101

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 09:05:06 | PAUSED | -15 | 19.1 | 4 | 4 | 0 |
| 09:06:46 | ZEROSUB | 2117 | 13.7 | 543 | 543 | 710 |
| 09:07:56 | SS 1 | 1885 | 15.8 | 758 | 1307 | 733 |
| 09:08:56 | SS 1 1/2 | 1740 | 15.7 | 1420 | 1969 | 667 |
| 09:09:58 | SS 2 | 1685 | 15.9 | 2104 | 2653 | 660 |
| 09:11:20 | CHK P&R | 1702 | 15.9 | 3019 | 3567 | 663 |
| 09:12:54 | FS | 1698 | 16.1 | 4064 | 4613 | 673 |
| 09:13:36 | ZEROSUB | 1729 | 16.2 | 4541 | 5089 | 688 |
| 09:14:52 | FF | 1673 | 15.1 | 802 | 5895 | 619 |
| 09:15:18 | ISIP | 1093 | 0.0 | 817 | 5910 | 0 |

POST JOB COMMENTS

<60.00> Sks Sand
<1.00> Super OW 3 - per gallon
<0.20> Cw-3k Breaker
<12.00> Cw-3k Per Pound

END OF REPORT

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JUN 08 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

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MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 7 of 18 |
| Date : Wed 10/25/2006 | Start Time : 09:17:44 (09:17 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : CHIPMUNK SAND | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4550 GAL | Flush Vol : 700 GAL |
| Top Int : 1362 FEET | Bottom Int : 70 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1900 *** AVERAGE RATE: 16.5 *** AVERAGE HHP: 770 *** PTS USED: 9
 CALCULATED SHUT IN: ISIP *** 1135
 BROKE FORMATION: Brk Form *** 2598 BACK TO: 2448

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 09:48:48 | PAUSED | 39 | 8.3 | 7 | 7 | 6 |
| 09:49:04 | Brk Form | 1818 | 3.6 | 24 | 24 | 38 |
| 09:49:22 | SS 1/2 | 2527 | 16.3 | 137 | 137 | 997 |
| 09:49:26 | ZEROSUB | 2481 | 16.6 | 7 | 186 | 1010 |
| 09:50:28 | SS 1 | 2073 | 16.6 | 718 | 896 | 847 |
| 09:51:28 | SS 1 1/2 | 1829 | 16.5 | 1413 | 1591 | 739 |
| 09:52:30 | SS 2 | 1794 | 16.5 | 2129 | 2307 | 724 |
| 09:53:48 | CHK P&R | 1809 | 16.4 | 3024 | 3202 | 724 |
| 09:55:12 | CHK P&R | 1840 | 16.4 | 3984 | 4162 | 738 |
| 09:56:02 | FS | 1797 | 16.6 | 4560 | 4738 | 731 |
| 09:56:42 | SF | 1795 | 16.8 | 5027 | 5205 | 736 |
| 09:56:44 | ZEROSUB | 1789 | 16.7 | 14 | 5230 | 733 |
| 09:57:44 | FF | 1633 | 16.8 | 719 | 5935 | 673 |
| 09:58:10 | ISIP | 1119 | 0.0 | 734 | 5949 | 0 |
| | | | | | | |

POST JOB COMMENTS

<14.00> Cw-3k Per Pound
 <0.30> Cw-3k Breaker
 <1.00> Super OW 3 - per gallon
 <70.00> Sks Sand

END OF REPORT

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ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

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MAY 17 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 8 of 18 |
| Date : Wed 10/25/2006 | Start Time : 10:00:10 (10:00 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : CHIPMUNK SAND | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4050 GAL | Flush Vol : 700 GAL |
| Top Int : 1388.5 FEET | Bottom Int : 60 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1889 *** AVERAGE RATE: 16.3 *** AVERAGE HHP: 755 *** PTS USED: 7

CALCULATED SHUT IN: ISIP *** 1307

BROKE FORMATION: Brk Form *** 2977 BACK TO: 2914

BROKE FORMATION: Brk Form *** 2977 BACK TO: 2914

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 10:16:43 | PAUSED | 132 | 0.1 | 2 | 2 | 9 |
| 10:16:49 | Brk Form | 1206 | 0.0 | 5 | 5 | 0 |
| 10:16:59 | Brk Form | 1838 | 3.7 | 14 | 14 | 176 |
| 10:17:39 | ZEROSUB | 2865 | 15.0 | 386 | 386 | 1056 |
| 10:18:45 | SS 1 | 2135 | 16.3 | 717 | 1109 | 852 |
| 10:19:47 | SS 1 1/2 | 1817 | 16.3 | 1427 | 1820 | 726 |
| 10:20:47 | SS 2 | 1817 | 16.3 | 2106 | 2499 | 726 |
| 10:20:49 | SS 2 | 1819 | 16.2 | 2130 | 2523 | 723 |
| 10:22:09 | CHK P&R | 1878 | 16.3 | 3045 | 3437 | 752 |
| 10:23:39 | FS | 1866 | 16.3 | 4064 | 4457 | 746 |
| 10:24:19 | ZEROSUB | 1891 | 16.5 | 4524 | 4916 | 764 |
| 10:25:23 | FF | 1893 | 16.4 | 733 | 5657 | 760 |
| 10:25:43 | ISIP | 1211 | 0.0 | 755 | 5678 | 0 |
| | | | | | | |

POST JOB COMMENTS

<60.00> Sks Sand

<1.00> Super OW 3 - per gallon

<12.00> Cw-3k Per Pound

<0.20> Cw-3k Breaker

END OF REPORT

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JUN 08 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

RECEIVED

MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 9 of 18 |
| Date : Wed 10/25/2006 | Start Time : 10:26:56 (10:26 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : CHIPMUNK SAND | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 5050 GAL | Flush Vol : 700 GAL |
| Top Int : 1392.5 FEET | Bottom Int : 80 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2226 *** AVERAGE RATE: 16.4 *** AVERAGE HHP: 897 *** PTS USED: 8
 CALCULATED SHUT IN: ISIP *** 1093
 BROKE FORMATION: Brk Form *** 2568 BACK TO: 2497

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 10:46:43 | PAUSED | -5 | 3.5 | 4 | 4 | -0 |
| 10:47:11 | Brk Form | 1737 | 3.1 | 125 | 125 | 129 |
| 10:47:31 | SS 1/2 | 2535 | 16.1 | 234 | 234 | 989 |
| 10:47:41 | ZEROSUB | 2490 | 16.8 | 4 | 350 | 1024 |
| 10:48:43 | SS 1 | 2260 | 16.5 | 726 | 1072 | 917 |
| 10:49:43 | SS 1 1/2 | 2079 | 16.5 | 1420 | 1766 | 841 |
| 10:50:43 | SS 2 | 2061 | 16.5 | 2111 | 2457 | 834 |
| 10:52:03 | CHK P&R | 2061 | 16.4 | 3035 | 3381 | 827 |
| 10:53:29 | CHK P&R | 2235 | 16.3 | 4026 | 4372 | 895 |
| 10:54:57 | FS | 2222 | 16.6 | 5037 | 5383 | 905 |
| 10:55:41 | ZEROSUB | 2278 | 16.7 | 0 | 5894 | 932 |
| 10:56:51 | FF | 2355 | 16.6 | 818 | 6712 | 960 |
| 10:57:17 | ISIP | 1054 | 0.0 | 829 | 6723 | 0 |

POST JOB COMMENTS

<0.30> Cw-3k Breaker
 <15.00> Cw-3k Per Pound
 <1.00> Super OW 3 - per gallon
 <80.00> Sks Sand

END OF REPORT

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JUN 08 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

RECEIVED

MAY 17 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 10 of 18 |
| Date : Wed 10/25/2006 | Start Time : 11:00:44 (11:00 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : CHIPMUNK SAND | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4050 GAL | Flush Vol : 700 GAL |
| Top Int : 1396.5 FEET | Bottom Int : 60 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2605 *** AVERAGE RATE: 14.7 *** AVERAGE HHP: 940 *** PTS USED: 5
 BROKE FORMATION: Brk Form *** 3254 BACK TO: Error
 BROKE FORMATION: Brk Form *** 3127 BACK TO: 2991

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 11:09:16 | PAUSED | 5 | 7.4 | 8 | 8 | 1 |
| 11:09:52 | Brk Form | 2610 | 2.2 | 102 | 102 | 134 |
| 11:13:49 | Brk Form | 3003 | 9.3 | 661 | 661 | 684 |
| 11:13:55 | ZEROSUB | 2994 | 9.3 | 2 | 700 | 680 |
| 11:15:46 | SS 1 | 2969 | 10.1 | 732 | 1430 | 731 |
| 11:16:56 | SS 1 1/2 | 2708 | 15.8 | 1420 | 2118 | 1045 |
| 11:19:25 | CHK P&R | 2455 | 15.7 | 3049 | 3748 | 949 |
| 11:20:55 | FS | 2381 | 15.9 | 4052 | 4750 | 934 |
| 11:21:34 | ZEROSUB | 2368 | 16.2 | 4502 | 5200 | 940 |
| 11:22:40 | FF | 2512 | 16.1 | 739 | 5946 | 992 |
| | | | | | | |

POST JOB COMMENTS

<60.00> Sks Sand
 <1.00> Super OW 3 - per gallon
 <12.00> Cw-3k Per Pound
 <0.20> Cw-3k Breaker

END OF REPORT

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ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

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MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 11 of 18 |
| Date : Wed 10/25/2006 | Start Time : 11:24:48 (11:24 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : COOPER | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4550 GAL | Flush Vol : 800 GAL |
| Top Int : 1488.5 FEET | Bottom Int : 70 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1794 *** AVERAGE RATE: 17.5 *** AVERAGE HHP: 771 *** PTS USED: 8
 CALCULATED SHUT IN: ISIP *** 1278
 BROKE FORMATION: Brk Form *** 2233 BACK TO: 2189

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 11:46:13 | PAUSED | 0 | 0.0 | 0 | 0 | 0 |
| 11:46:49 | Brk Form | 1756 | 1.4 | 48 | 48 | 114 |
| 11:47:19 | SS 1/2 | 2186 | 14.7 | 261 | 261 | 786 |
| 11:47:29 | ZEROSUB | 2123 | 15.5 | 370 | 370 | 807 |
| 11:48:27 | SS 1 | 2069 | 19.2 | 721 | 1097 | 973 |
| 11:49:21 | SS 1 1/2 | 1887 | 19.2 | 1447 | 1823 | 886 |
| 11:50:11 | SS 2 | 1840 | 19.2 | 2117 | 2493 | 865 |
| 11:51:21 | CHK P&R | 1824 | 19.3 | 3061 | 3437 | 860 |
| 11:52:33 | CHK P&R | 1814 | 19.3 | 4034 | 4411 | 855 |
| 11:53:13 | FS | 1805 | 19.7 | 4576 | 4952 | 870 |
| 11:53:47 | ZEROSUB | 1814 | 19.8 | 4 | 5419 | 879 |
| 11:54:47 | FF | 923 | 9.7 | 829 | 6244 | 759 |
| 11:55:03 | ISIP | 1232 | 0.0 | 832 | 6247 | 0 |
| | | | | | | |

POST JOB COMMENTS

<0.30> Cw-3k Breaker
 <14.00> Cw-3k Per Pound
 <70.00> Sks Sand
 <1.00> Super OW 3 - per gallon

END OF REPORT

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JUN 08 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

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MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804 .

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 12 of 18 |
| Date : Wed 10/25/2006 | Start Time : 11:56:41 (11:56 AM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : HARRISBURG RUN | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4550 GAL | Flush Vol : 800 GAL |
| Top Int : 1579 FEET | Bottom Int : 70 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2210 *** AVERAGE RATE: 18.7 *** AVERAGE HHP: 1013 *** PTS USED: 8
 BROKE FORMATION: Brk Form *** 3447 BACK TO: 3075

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 12:17:24 | PAUSED | 151 | 2.9 | 3 | 3 | 7 |
| 12:18:14 | Brk Form | 3087 | 3.6 | 33 | 33 | 120 |
| 12:21:08 | SS 1/2 | 3007 | 9.4 | 1050 | 1050 | 696 |
| 12:21:10 | ZEROSUB | 2991 | 9.4 | 6 | 1062 | 689 |
| 12:24:18 | SS 1 1/2 | 2480 | 19.8 | 1437 | 2493 | 1207 |
| 12:25:06 | SS 2 | 2137 | 20.1 | 2109 | 3165 | 1052 |
| 12:26:12 | CHK P&R | 2052 | 20.0 | 3034 | 4090 | 1004 |
| 12:27:24 | CHK P&R | 2018 | 20.0 | 4035 | 5091 | 991 |
| 12:28:00 | FS | 2003 | 20.1 | 4537 | 5593 | 987 |
| 12:28:02 | FS | 1999 | 20.0 | 4567 | 5623 | 984 |
| 12:28:36 | ZEROSUB | 1995 | 20.3 | 5046 | 6102 | 990 |
| 12:29:34 | FF | 1984 | 20.2 | 821 | 6927 | 985 |

POST JOB COMMENTS

<1.00> Super OW 3 - per gallon
 <70.00> SkS Sand
 <14.00> Cw-3k Per Pound
 <0.30> Cw-3k Breaker

END OF REPORT

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JUN 08 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

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MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 13 of 18 |
| Date : Wed 10/25/2006 | Start Time : 12:31:11 (12:31 PM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : HARRISBURG RUN | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 4050 GAL | Flush Vol : 800 GAL |
| Top Int : 1583 FEET | Bottom Int : 60 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 1585 *** AVERAGE RATE: 13.7 *** AVERAGE HHP: 530 *** PTS USED: 7
 CALCULATED SHUT IN: ISIP *** 1373

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhp |
|----------|----------|---------|----------|-----------|-----------|---------|
| 12:51:57 | PAUSED | 20 | 2.1 | 3 | 3 | 1 |
| 12:55:41 | ZEROSUB | 1717 | 13.5 | 727 | 727 | 568 |
| 12:56:51 | SS 1 | 1705 | 13.8 | 656 | 1385 | 575 |
| 12:58:09 | SS 1 1/2 | 1717 | 14.1 | 1424 | 2154 | 595 |
| 12:59:19 | SS 2 | 1772 | 16.0 | 2128 | 2858 | 695 |
| 13:00:43 | CHK P&R | 1772 | 15.8 | 3058 | 3788 | 685 |
| 13:02:15 | FS | 1785 | 16.0 | 4076 | 4806 | 698 |
| 13:03:01 | SF | 1819 | 16.0 | 4594 | 5324 | 715 |
| 13:03:03 | ZEROSUB | 1818 | 16.2 | 10 | 5344 | 721 |
| 13:04:15 | FF | 522 | 3.9 | 824 | 6158 | 95 |
| 13:04:49 | ISIP | 1312 | 0.0 | 827 | 6161 | 0 |
| | | | | | | |

POST JOB COMMENTS

<0.20> Cw-3k Breaker
 <12.00> Cw-3k Per Pound
 <1.00> Super OW 3 - per gallon
 <60.00> Sks Sand

END OF REPORT

RECEIVED

JUN 08 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

RECEIVED

MAY 17 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 14 of 18 |
| Date : Wed 10/25/2006 | Start Time : 13:06:14 (01:06 PM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : HARRISBURG RUN | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 5050 GAL | Flush Vol : 800 GAL |
| Top Int : 1697.5 FEET | Bottom Int : 80 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2190 *** AVERAGE RATE: 19.0 *** AVERAGE HHP: 1020 *** PTS USED: 9
 CALCULATED SHUT IN: ISIP *** 1374
 BROKE FORMATION: Brk Form *** 3154 BACK TO: Error

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 13:36:04 | PAUSED | 796 | 0.0 | 0 | 0 | 12 |
| 13:36:28 | Brk Form | 2493 | 3.5 | 12 | 12 | 206 |
| 13:40:34 | SS 1/2 | 2767 | 14.3 | 748 | 748 | 974 |
| 13:40:36 | ZEROSUB | 2741 | 14.4 | 0 | 769 | 967 |
| 13:41:40 | SS 1 | 2768 | 19.3 | 749 | 1517 | 1302 |
| 13:42:30 | SS 1 1/2 | 2162 | 19.5 | 1431 | 2200 | 1036 |
| 13:43:20 | SS 2 | 2049 | 19.4 | 2108 | 2877 | 976 |
| 13:44:28 | CHK P&R | 2001 | 19.5 | 3036 | 3805 | 957 |
| 13:45:40 | CHK P&R | 1990 | 19.5 | 4018 | 4787 | 952 |
| 13:46:58 | FS | 1969 | 19.7 | 5088 | 5857 | 950 |
| 13:47:28 | SF | 1999 | 19.9 | 5504 | 6273 | 973 |
| 13:47:30 | ZEROSUB | 1997 | 20.0 | 9 | 6303 | 977 |
| 13:48:28 | FF | 2002 | 19.9 | 816 | 7110 | 974 |
| 13:48:50 | ISIP | 1318 | 0.0 | 832 | 7126 | 0 |

POST JOB COMMENTS

<80.00> Sks Sand
 <1.00> Super OW 3 - per gallon
 <15.00> Cw-3k Per Pound
 <0.30> Cw-3k Breaker

END OF REPORT

RECEIVED

JUN 08 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

RECEIVED

MAY 17 2007

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | |
|--|---------------------------------------|
| Invoice : 4857 | Stage : 15 of 16 |
| Date : Wed 10/25/2006 | Start Time : 13:54:14 (01:54 PM) |
| Customer : GUARDIAN EXPLORATION | Lease : RX - 804 |
| State : PENNSYLVANIA | County : POTTER COUNTY |
| Engineer : GARY TAYLOR | Comments : |
| Primary : 3-1/2;NPT;J-55; 9.20# - USED | Secondary : NONE - |
| Formation : BRADFORD 3RD | Job Type : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol : 5050 GAL | Flush Vol : 800 GAL |
| Top Int : 1781.5 FEET | Bottom Int : 80 SKS |
| Notch/Perf : 1 NOTCH EACH | Comments : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: 2366 *** AVERAGE RATE: 18.6 *** AVERAGE HHP: 1078 *** PTS USED: 8
 CALCULATED SHUT IN: ISIP *** 1426
 BROKE FORMATION: Brk Form *** 3198 BACK TO: 2974

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRhhp |
|----------|----------|---------|----------|-----------|-----------|----------|
| 14:12:26 | PAUSED | 44 | 0.0 | 1 | 1 | 2 |
| 14:12:54 | Brk Form | 2378 | 2.6 | 20 | 20 | 142 |
| 14:13:24 | ZEROSUB | 2946 | 9.3 | 0 | 187 | 674 |
| 14:16:02 | SS 1 | 2549 | 9.2 | 822 | 1009 | 525 |
| 14:16:56 | SS 1 1/2 | 2441 | 19.9 | 1392 | 1579 | 1192 |
| 14:16:58 | SS 1 1/2 | 2442 | 19.9 | 1421 | 1608 | 1190 |
| 14:17:50 | SS 2 | 2334 | 20.0 | 2144 | 2331 | 1142 |
| 14:18:52 | CHK P&R | 2267 | 19.8 | 3007 | 3194 | 1104 |
| 14:20:06 | CHK P&R | 2248 | 19.9 | 4036 | 4223 | 1097 |
| 14:21:22 | FS | 2302 | 19.9 | 5090 | 5277 | 1122 |
| 14:21:56 | ZEROSUB | 2309 | 20.2 | 4 | 5753 | 1146 |
| 14:22:54 | FF | 2347 | 20.1 | 820 | 6569 | 1156 |
| 14:23:12 | ISIP | 1383 | 0.0 | 838 | 6587 | 0 |
| | | | | | | |

POST JOB COMMENTS

<0.30> Cw-3k Breaker
 <15.00> Cw-3k Per Pound
 <1.00> Super OW 3 - per gallon
 <80.00> Sks Sand

END OF REPORT

RECEIVED

JUN 08 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

RECEIVED

MAY 17 2007

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

Customer : GUARDIAN EXPLORATION

Lease : RX - 804

| | | | |
|------------|--------------------------------|------------|------------------------------|
| Invoice | : 4857 | Stage | : 16 of 16 |
| Date | : Wed 10/25/2006 | Start Time | : 14:24:44 (02:24 PM) |
| Customer | : GUARDIAN EXPLORATION | Lease | : RX - 804 |
| State | : PENNSYLVANIA | County | : POTTER COUNTY |
| Engineer | : GARY TAYLOR | Comments | : |
| Primary | : 3-1/2;NPT;J-55; 9.20# - USED | Secondary | : NONE - |
| Formation | : LEWIS RUN | Job Type | : MULTI STAGE OPEN HOLE FRAC |
| Treat Vol | : 6050 GAL | Flush Vol | : 1000 GAL |
| Top Int | : 1865 - 1879.5 FEET | Bottom Int | : 100 SKS |
| Notch/Perf | : 2 NOTCH EACH | Comments | : |

SPECIAL CALCULATIONS

AVERAGE PRESSURE: -29 *** AVERAGE RATE: Error *** AVERAGE HHP: Error *** PTS USED: Error

LOGGED DATA

| | Comment | CASEpsi | SLRRYbpm | s#SLRRYga | T#SLRRYga | FOAMRbhp |
|----------|-----------|---------|----------|-----------|-----------|----------|
| 14:51:42 | PAUSED | 10 | 0.0 | 0 | 0 | 0 |
| 14:53:14 | COMING AR | -29 | 0.0 | 233 | 233 | 0 |
| 14:56:22 | PckrJump | 1035 | 0.0 | 311 | 311 | 0 |
| | | | | | | |

POST JOB COMMENTS

packer wouldnt set
packer wouldnt set

END OF REPORT

RECEIVED

JUN 08 2007

ENVIRONMENTAL PROTECTION
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MAY 17 2007

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