

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

|                                                                                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|---------------------|----------------|-------------------------|--------------------------------|--------------------------|-------------------|-------------------|
| 5. Lease Serial No.<br>NM-89819                                                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 6. If Indian, Allottee or Tribe Name                                                                                                                                                                                                                                                                                   |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 7. Unit or CA Agreement Name and No.                                                                                                                                                                                                                                                                                   |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 8. Lease Name and Well No.<br>Patton 18 Federal #4                                                                                                                                                                                                                                                                     |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 9. AFI Well No.<br>30-015-33710                                                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 10. Field and Pool, or Exploratory<br>Poker Lake Delaware                                                                                                                                                                                                                                                              |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 11. Sec., T., R., M., on Block and<br>Survey or Area 18/24S/31E                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 12. County or Parish<br>Eddy County                                                                                                                                                                                                                                                                                    |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 13. State<br>NM                                                                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 14. Date Spudded<br>11/29/04                                                                                                                                                                                                                                                                                           |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 15. Date T.D. Reached<br>12/16/04                                                                                                                                                                                                                                                                                      |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 16. Date Completed<br>1/7/05<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.                                                                                                                                                                                                      |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 17. Elevations (DF, RKB, RT, GL)*<br>3514'                                                                                                                                                                                                                                                                             |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 18. Total Depth: MD<br>TVD 8300                                                                                                                                                                                                                                                                                        |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 19. Plug Back T.D.: MD<br>TVD 8270                                                                                                                                                                                                                                                                                     |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 20. Depth Bridge Plug Set: MD<br>TVD                                                                                                                                                                                                                                                                                   |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>HRI/DFL, SDL/DSN/ML                                                                                                                                                                                                                             |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy) |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 23. Casing and Liner Record (Report all strings set in well)                                                                                                                                                                                                                                                           |                            |                   |                     |                |                         |                                |                          |                   |                   |
| Hole Size                                                                                                                                                                                                                                                                                                              | Size/Grade                 | Wt. (#/ft.)       | Top (MD)            | Bottom (MD)    | Stage Cementer<br>Depth | No. of Sk. &<br>Type of Cement | Slurry Vol.<br>(BBL)     | Cement Top*       | Amount Pulled     |
| 17-1/2                                                                                                                                                                                                                                                                                                                 | 13-3/8                     | 48                |                     | 965            |                         | 975                            |                          | surface           |                   |
| 11                                                                                                                                                                                                                                                                                                                     | 8-5/8                      | 32                |                     | 4207           |                         | 1350                           |                          | surface           |                   |
| 7-7/8                                                                                                                                                                                                                                                                                                                  | 5-1/2                      | 15.58             |                     | 8300           |                         | 1480                           |                          | 4590' FS          |                   |
|                                                                                                                                                                                                                                                                                                                        |                            | 17                |                     |                |                         |                                |                          |                   |                   |
| 24. Tubing Record                                                                                                                                                                                                                                                                                                      |                            |                   |                     |                |                         |                                |                          |                   |                   |
| Size                                                                                                                                                                                                                                                                                                                   | Depth Set (MD)             | Packer Depth (MD) | Size                | Depth Set (MD) | Packer Depth (MD)       | Size                           | Depth Set (MD)           | Packer Depth (MD) |                   |
| 2-7/8                                                                                                                                                                                                                                                                                                                  | 7875                       |                   |                     |                |                         |                                |                          |                   |                   |
| 25. Producing Intervals                                                                                                                                                                                                                                                                                                |                            |                   |                     |                |                         |                                |                          |                   |                   |
| Formation                                                                                                                                                                                                                                                                                                              | Top                        | Bottom            | Perforated Interval | Size           | No. Holes               | Perf. Status                   |                          |                   |                   |
| A) Delaware                                                                                                                                                                                                                                                                                                            | 7944                       | 8042              |                     |                | 30                      |                                |                          |                   |                   |
| B)                                                                                                                                                                                                                                                                                                                     |                            |                   |                     |                |                         |                                |                          |                   |                   |
| C)                                                                                                                                                                                                                                                                                                                     |                            |                   |                     |                |                         |                                |                          |                   |                   |
| D)                                                                                                                                                                                                                                                                                                                     |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 26. Perforation Record                                                                                                                                                                                                                                                                                                 |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc.                                                                                                                                                                                                                                                                    |                            |                   |                     |                |                         |                                |                          |                   |                   |
| RECEIVED                                                                                                                                                                                                                                                                                                               |                            |                   |                     |                |                         |                                |                          |                   |                   |
| JAN 20 2005                                                                                                                                                                                                                                                                                                            |                            |                   |                     |                |                         |                                |                          |                   |                   |
| JUL 11 2005                                                                                                                                                                                                                                                                                                            |                            |                   |                     |                |                         |                                |                          |                   |                   |
| 28. Production - Interval A                                                                                                                                                                                                                                                                                            |                            |                   |                     |                |                         |                                |                          |                   |                   |
| Date First<br>Produced                                                                                                                                                                                                                                                                                                 | Test<br>Date               | Hours<br>Tested   | Test<br>Production  | Oil<br>BBL     | Gas<br>MCF              | Water<br>BBL                   | Oil Gravity<br>Corr. API | Gas<br>Gravity    | Production Method |
| 01/07/05                                                                                                                                                                                                                                                                                                               | 1/11                       | 24                | →                   | 99             | 128                     | 265                            | 40.1                     |                   | Pumping           |
| Choke<br>Size                                                                                                                                                                                                                                                                                                          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.    | 24 Hr.<br>Rate      | Oil<br>BBL     | Gas<br>MCF              | Water<br>BBL                   | Gas/Oil<br>Ratio         | Well Status       |                   |
|                                                                                                                                                                                                                                                                                                                        |                            |                   | →                   |                |                         |                                | 1293:1                   | Producing         |                   |
| 28a. Production - Interval B                                                                                                                                                                                                                                                                                           |                            |                   |                     |                |                         |                                |                          |                   |                   |
| Date First<br>Produced                                                                                                                                                                                                                                                                                                 | Test<br>Date               | Hours<br>Tested   | Test<br>Production  | Oil<br>BBL     | Gas<br>MCF              | Water<br>BBL                   | Oil Gravity<br>Corr. API | Gas<br>Gravity    | Production Method |
|                                                                                                                                                                                                                                                                                                                        |                            |                   | →                   |                |                         |                                |                          |                   |                   |
| Choke<br>Size                                                                                                                                                                                                                                                                                                          | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.    | 24 Hr.<br>Rate      | Oil<br>BBL     | Gas<br>MCF              | Water<br>BBL                   | Gas/Oil<br>Ratio         | Well Status       |                   |
|                                                                                                                                                                                                                                                                                                                        |                            |                   | →                   |                |                         |                                |                          |                   |                   |

\*(See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation       | Top  | Bottom | Descriptions, Contents, etc. | Name | Top Meas. Depth |
|-----------------|------|--------|------------------------------|------|-----------------|
| Basal Anhydrite | 4070 |        |                              |      |                 |
| Delaware Lime   | 4270 |        |                              |      |                 |
| Bell Canyon     | 4296 |        |                              |      |                 |
| Cherry Canyon   | 5180 |        |                              |      |                 |
| Manzanita       | 5364 |        |                              |      |                 |
| Brushy Canyon   | 6478 |        |                              |      |                 |
| Bone Spring     | 8118 |        |                              |      |                 |

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

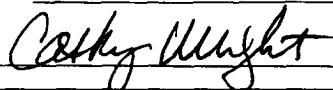
- ☒ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☒ Directional Survey  
☒ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☒ Other: C104

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cathy Wright

Title Sr Eng Tech

Signature



Date

1/14/05

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pogo Producing Company  
P.O. Box 10340  
Midland, TX 79702-7340

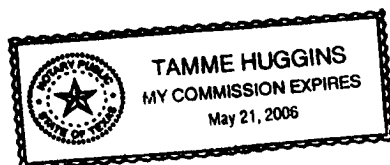
Patton 18 Federal # 4  
Eddy County, New Mexico

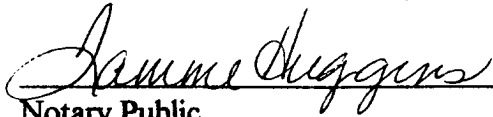
CONFIDENTIAL

|      |      |       |      |       |        |
|------|------|-------|------|-------|--------|
| 183  | 1.83 | 3/4   | 1.31 | 2.40  | 2.40   |
| 420  | 2.37 | 1 3/4 | 3.06 | 7.26  | 9.66   |
| 688  | 2.68 | 3/4   | 1.31 | 3.52  | 13.18  |
| 965  | 2.77 | 1 1/2 | 2.63 | 7.27  | 20.45  |
| 1235 | 2.70 | 1     | 1.75 | 4.73  | 25.17  |
| 1488 | 2.53 | 1 3/4 | 3.06 | 7.75  | 32.92  |
| 1740 | 2.52 | 3/4   | 1.31 | 3.31  | 36.23  |
| 2086 | 3.46 | 1 1/4 | 2.19 | 7.57  | 43.80  |
| 2337 | 2.51 | 1     | 1.75 | 4.39  | 48.19  |
| 2589 | 2.52 | 1     | 1.75 | 4.41  | 52.60  |
| 2841 | 2.52 | 1 1/4 | 2.19 | 5.51  | 58.11  |
| 3092 | 2.51 | 2     | 3.50 | 8.79  | 66.90  |
| 3343 | 2.51 | 1 1/4 | 2.19 | 5.49  | 72.39  |
| 3593 | 2.50 | 3     | 5.25 | 13.13 | 85.51  |
| 3688 | 0.95 | 3 1/4 | 5.69 | 5.40  | 90.92  |
| 3813 | 1.25 | 3 1/4 | 5.69 | 7.11  | 98.03  |
| 3971 | 1.58 | 3     | 5.25 | 8.30  | 106.32 |
| 4207 | 2.36 | 3 1/2 | 6.13 | 14.46 | 120.78 |
| 4542 | 3.35 | 2     | 3.50 | 11.73 | 132.50 |
| 4707 | 1.65 | 2 1/4 | 3.94 | 6.50  | 139.00 |
| 5054 | 3.47 | 2 1/4 | 3.94 | 13.66 | 152.66 |
| 5401 | 3.47 | 1 1/2 | 2.63 | 9.11  | 161.77 |
| 5747 | 3.46 | 1     | 1.75 | 6.06  | 167.83 |
| 6092 | 3.45 | 1     | 1.75 | 6.04  | 173.86 |
| 6439 | 3.47 | 3/4   | 1.31 | 4.55  | 178.42 |
| 6785 | 3.46 | 3/4   | 1.31 | 4.54  | 182.96 |
| 7132 | 3.47 | 1 1/4 | 2.19 | 7.59  | 190.55 |
| 7479 | 3.47 | 1     | 1.75 | 6.07  | 196.62 |
| 7825 | 3.46 | 1     | 1.75 | 6.06  | 202.68 |
| 8172 | 3.47 | 1 1/4 | 2.19 | 7.59  | 210.27 |
| 8350 | 1.78 | 3/4   | 1.31 | 2.34  | 212.60 |

  
Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 20<sup>th</sup> day of December, 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.



  
Notary Public