

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-38464   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 6. If Indian, Allottee or Tribe Name   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 7. Unit or CA Agreement Name and No.   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 8. Lease Name and Well No<br>Pure Gold A Federal #7  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 9. AFI Well No<br>30-015-35294   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 10. Field and Pool, or Exploratory<br>Sand Dunes Delaware West   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 11. Sec., T., R., M., on Block and<br>Survey or Area Sec 21, T23S, R31E  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 12. County or Parish<br>Eddy County  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 13. State<br>NM  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 14. Date Spudded<br>08/06/07   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 15. Date T.D. Reached<br>08/19/07  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 16. Date Completed<br>10/21/07<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 17. Elevations (DF, RKB, RT, GL)*<br>3370' GL  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 18. Total Depth: MD<br>TVD 8140  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 19. Plug Back T.D.: MD<br>TVD 8134   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 20. Depth Bridge Plug Set: MD<br>TVD   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>DSN/SDL, HRI, ACR   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 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                |                     | 800            |                         | 650                            |                          | surface           |                   |
| 11   | 8-5/8                   | 32                |                     | 4026           |                         | 1300                           |                          | surface           |                   |
| 7-7/8  | 5-1/2                   | 15.5              |                     | 8150           |                         | 2059                           |                          | surface           |                   |
|  |                         | & 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  | 7706                    |                   |                     |                |                         |                                |                          |                   |                   |
| 25. Producing Intervals  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Formation  | Top                     | Bottom            | Perforated Interval | Size           | No. Holes               | Perf. Status                   |                          |                   |                   |
| A) Delaware  |                         |                   | 7772-82, 7879-92    |                | 25                      | open                           |                          |                   |                   |
| B)   |                         |                   | 6646-55, 6891-6900  |                | 20                      | open                           |                          |                   |                   |
| C)   |                         |                   | 5950-68             |                | 19                      | open                           |                          |                   |                   |
| D)   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 26. Perforation Record   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc.  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Depth Interval   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Amount and Type of Material  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 7772-7892  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Acidz w/ 2200 gals 7-1/2% acid, Frac w/ 136,000# sn  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 6646-6900  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Frac w/ 120,000# sn  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 5950-5968  |                         |                   |                     |                |                         |                                |                          |                   |                   |
| Frac w/ 16,250# sn   |                         |                   |                     |                |                         |                                |                          |                   |                   |
| 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 |
| 10/21/07   | 10/22                   | 24                | →                   | 402            | 308                     | 507                            | 41.2                     |                   | 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       |                   |
|  |                         |                   | →                   |                |                         |                                | 766:1                    | 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<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg Press<br>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<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg Press<br>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<br>Meas. Depth |
|-----------------|------|--------|------------------------------|------|--------------------|
| Basal Anhydrite | 3909 |        |                              |      |                    |
| Bell Canyon     | 4173 |        |                              |      |                    |
| Cherry Canyon   | 5035 |        |                              |      |                    |
| Brushy Canyon   | 6357 |        |                              |      |                    |
| Bone Spring     | 7982 |        |                              |      |                    |

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: C-104

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 WrightTitle Sr. Eng TechSignature Cathy WrightDate 10/23/07

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**

OCT 30 2007  
OCD-ARTESIA

October 25, 2007

Bureau of Land Management  
620 E. Greene Street  
Carlsbad, New Mexico 88221-1778

Re: Pure Gold A Federal #7  
Eddy County, New Mexico

Gentlemen:

Enclosed please find logs and various documents relating to the captioned well. Pogo Producing Company respectfully requests the Bureau of Land Management to hold the logs and completion information confidential for a period of one (1) year from the date hereof or until otherwise notified by Pogo.

Thanking you in advance for your attention to our request. Should you have questions, please contact the undersigned at the letterhead address.

Sincerely,

POGO PRODUCING COMPANY

Cathy Wright  
Sr. Engineering Tech

Enclosures

cc: New Mexico Oil Conservation Division w/enclosures  
1301 W. Grand Ave.  
Artesia, New Mexico 88210