


 UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 29 2007

OCD-ARTESIA

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No  
NM-38463
 1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
 b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator

Pogo Producing Company

8. Lease Name and Well No  
Pure Gold B Federal #193. Address  
P.O. Box 10340, Midland, TX 79702-73403a. Phone No. (include area code)  
432-685-81009. AFI Well No.  
30-015-35312

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 645' FNL &amp; 2310' FEL, Section 20

At top prod. interval reported below same

At total depth same

10. Field and Pool, or Exploratory  
Sand Dunes Delaware West11. Sec., T., R., M., on Block and  
Survey or Area Sec 20, T23S, R31E12. County or Parish  
Eddy County13. State  
NM14. Date Spudded  
07/01/0715. Date T.D. Reached  
07/15/0716. Date Completed 8/17/07  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
3335 GL18. Total Depth: MD  
TVD 8100'19. Plug Back T.D.: MD  
TVD 8053'20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
SDL/DSN, HRIDE
 22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
 Was DST run? ☒ No ☐ Yes (Submit report)  
 Directional Survey? ☐ No ☒ 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 Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17-1/2    | 13-3/8     | 48          |          | 810         |                      | 700                          |                   | surface     |               |
| 11        | 8-5/8      | 32          |          | 3940        |                      | 1150                         |                   | surface     |               |
| 7-7/8     | 5-1/2      | 15.5        |          | 8100        |                      | 1675                         |                   | 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 | 7794           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation   | Top | Bottom | Perforated Interval | Size | No. Holes | Perf Status |
|-------------|-----|--------|---------------------|------|-----------|-------------|
| A) Delaware |     |        | 7846-7856           |      | 21        | open        |
| B) Delaware |     |        | 6994-7246           |      | 28        | open        |
| C) Delaware |     |        | 6254-6276           |      | 44        | open        |
| D)          |     |        |                     |      |           |             |

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

| Depth Interval | Amount and Type of Material                                |
|----------------|--|
| 7846-56        | Acidz w/ 2000 gals 7-1/2% HCL, Frac w/ 87,000# 16/30 sand  |
| 6994-7246      | Acidz w/ 2000 gals 7-1/2% HCL, Frac w/ 130,000# 16/30 sand |
| 6254-6276      | Acidz w/ 1500 gals 7-1/2% HCL, Frac w/ 36,500# 16/30 sand  |

28. Production - Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 08/17/07            | 8/26              | 24           | →               | 200     | 139     | 489       | 40.2                 |             | Pumping           |
| Choke Size          | Tbg Press Flwg SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
|                     |                   |              | →               |         |         |           |                      |             | Producing         |

28a. Production - Interval B

| Date First Produced | Test Date         | Hours Tested | Test Production | 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     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio        | Well Status |                   |
|                     |                   |              | →               |         |         |           |                      |             |                   |

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

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## 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<br>SI | Csg. Press.  | 24 Hr<br>Rate<br>→   | Oil BBL | Gas MCF | Water BBL | Gas/Oil<br>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<br>SI | Csg. Press.  | 24 Hr<br>Rate<br>→   | Oil BBL | Gas MCF | Water BBL | Gas/Oil<br>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 | 3830 |        |                              |      |                    |
| Bell Canyon     | 4082 |        |                              |      |                    |
| Cherry Canyon   | 4998 |        |                              |      |                    |
| Brushy Canyon   | 6283 |        |                              |      |                    |
| Bone Spring     | 7935 |        |                              |      |                    |

## 32. Additional remarks (include plugging procedure):

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

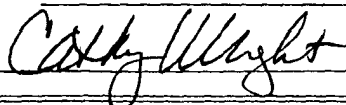
- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☒ Sundry Notice for plugging and cement verification   
 ☐ Core Analysis   
☒ Other: C-104

## 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 Wright

Title Sr. Eng. Tech

Signature



Date

08/24/07

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**

**AUG 29 2007  
OCD-ARTESIA**

August 27, 2007

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

Re: Pure Gold B Federal #19  
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