

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **OCD-ARTESIA**FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 5. Lease Serial No.<br><b>NM 12110 (SHL) &amp; (BHL)</b>  |  |
| b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other                           |  | 6. If Indian, Allottee or Tribe Name  |  |
| 2. Name of Operator<br><b>BOG Resources Inc.</b>   |  | 7. Unit or CA Agreement Name and No.  |  |
| 3. Address<br><b>P.O. Box 2267 Midland, Texas 79702</b>  |  | 8. Lease Name and Well No.<br><b>Lucky Wolf 21 FED Com 2H</b>   |  |
| 3a. Phone No. (include area code)<br><b>432-686-3689</b>   |  | 9. API Well No.<br><b>30-015-37448</b>  |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface <b>1840' FNL &amp; 330' FEL, U/L H</b><br>At top prod. interval reported below<br>At total depth <b>1690' FNL &amp; 344' FWL, U/L E</b> |  | 10. Field and Pool, or Exploratory<br><b>Dog Canyon, Wolfcamp</b>   |  |
| 14. Date Spudded<br><b>9/30/10</b>   |  | 11. Sec., T., R., M., or Block and Survey or Area<br><b>Sec 31, T16S, R28E</b>  |  |
| 15. Date T.D. Reached<br><b>10/16/10</b>   |  | 12. County or Parish<br><b>Eddy</b>   |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br><b>12/18/10</b>   |  | 13. State<br><b>NM</b>  |  |
| 18. Total Depth: MD<br>TVD<br><b>10772</b><br><b>6403</b>  |  | 17. Elevations (DF, RKB, RT, GL)*<br><b>3527' GL</b>  |  |
| 19. Plug Back T.D.: MD<br>TVD  |  | 20. Depth Bridge Plug Set: MD<br>TVD  |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br><b>CND, GR</b>  |  | 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 Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-----------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17-1/2    | 13-3/8     | 48        |          | 510         |                      | 600 C                        |                   | surface     |               |
| 8-3/4     | 7          | 26        |          | 5776        |                      | 1350 C                       |                   | surface     |               |
| 6-1/8     | 4-1/2      | 11.6      | 5580     | 10762       |                      |                              |                   |             |               |
|           |            |           |          |             |                      |                              |                   |             |               |
|           |            |           |          |             |                      |                              |                   |             |               |
|           |            |           |          |             |                      |                              |                   |             |               |

## 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 | 5461           |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation          | Top         | Bottom | Perforated Interval  | Size | No. Holes | Perf. Status     |
|--------------------|-------------|--------|----------------------|------|-----------|------------------|
| A) <b>Wolfcamp</b> | <b>6455</b> |        | <b>6695 - 10717'</b> |      |           | <b>Producing</b> |
| B)                 |             |        |                      |      |           |                  |
| C)                 |             |        |                      |      |           |                  |
| D)                 |             |        |                      |      |           |                  |

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval       | Amount and Type of Material  |
|----------------------|--|
| <b>6695 - 10717'</b> | <b>Frac w/ 1853 bbls 20% acid, 468106 lbs 30/50 sand, 1436826 lbs 20/40 sand, 56600 bbls load.</b> |
|                      |  |
|                      |  |

## 28. Production - Interval A

|  |                                    |                           |                      |                       |                       |                         |                                      |                           |                                     |
|--|------------------------------------|---------------------------|----------------------|-----------------------|-----------------------|-------------------------|--------------------------------------|---------------------------|-------------------------------------|
| Date First Produced<br><b>12/18/10</b> | Test Date<br><b>1/15/11</b>        | Hours Tested<br><b>24</b> | Test Production<br>→ | Oil BBL<br><b>155</b> | Gas MCF<br><b>209</b> | Water BBL<br><b>217</b> | Oil Gravity Corr. API<br><b>42.6</b> | Gas Gravity               | Production Method<br><b>Pumping</b> |
| Choke Size<br><b>15/64</b>             | Tbg. Press. Flwg. SI<br><b>300</b> | Csg. Press.               | 24 Hr.<br>→          | Oil BBL               | Gas MCF               | Water BBL               | Gas: Oil Ratio<br><b>1348</b>        | Well Status<br><b>POW</b> | <b>JAN 29 2011</b>                  |
| 28a. Production-Interval B             |                                    |                           |                      |                       |                       |                         |                                      |                           |                                     |
| 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.<br>→          | Oil BBL               | Gas MCF               | Water BBL               | Gas: Oil Ratio                       | Well Status               |                                     |

**ACCEPTED FOR RECORD**  
**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

## 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>→          | 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.<br>SI | Csg. Press.  | 24 Hr.<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 |
| Yates        | 255  |        |                              | Yates        | 255         |
| Seven Rivers | 470  |        |                              | Seven Rivers | 470         |
| Queen        | 985  |        |                              | Queen        | 985         |
| San Andres   | 1790 |        |                              | San Andres   | 1790        |
| Glorieta     | 3200 |        |                              | Glorieta     | 3200        |
| Tubb         | 4485 |        |                              | Tubb         | 4485        |
| Abo Shale    | 5245 |        |                              | Abo Shale    | 5245        |
| Wolfcamp     | 6455 |        |                              | Wolfcamp     | 6455        |

32. Additional remarks (include plugging procedure):

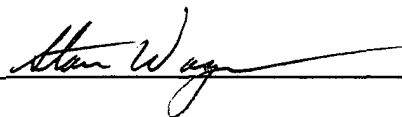
33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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) Stan WagnerTitle Regulatory Analyst

Signature


Date 1/20/2011

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.



**EOG Resources, Inc.**  
4000 North Big Spring, Suite 500  
Midland, TX 79705  
(915) 686-3600

January 21, 2011

State of New Mexico  
Oil Conservation Division  
1301 W. Grand Avenue  
Artesia, New Mexico 88210

Re: Confidentiality Request  
Lucky Wolf 31 Fed Com 2H

Enclosed please find logs and completion papers for our Lucky Wolf 31 Fed Com 2H.  
EOG Resources, Inc. respectfully requests confidentiality for the logs and completion papers on this well.

Thank you for your consideration of this request.

Sincerely,

EOG Resources, Inc.

A handwritten signature in black ink, appearing to read "Stan Wagner", written over a horizontal line.

Stan Wagner  
Regulatory Analyst  
432.686.3689

*Date completed*  
*12/18/2010*  
  
*End conf.*  
*3/18/2011*

