

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8181 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 175885

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |  |                               |
|---|--|-------------------------------|
| 1. Operator Name and Address<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 |  | 2. OGRID Number<br>7377       |
| 4. Property Code<br>39643   |  | 3. API Number<br>30-025-41465 |
| 5. Property Name<br>DRAGON 36 STATE   |  | 6. Well No.<br>009H           |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                   |               |               |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>N | Section<br>36 | Township<br>24S | Range<br>33E | Lot Idn<br>N | Feet From<br>220 | N/S Line<br>S | Feet From<br>2428 | E/W Line<br>W | County<br>Lea |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |              |                  |               |                   |               |               |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>C | Section<br>36 | Township<br>24S | Range<br>33E | Lot Idn<br>C | Feet From<br>230 | N/S Line<br>N | Feet From<br>2390 | E/W Line<br>W | County<br>Lea |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|-------------------|---------------|---------------|

**9. Pool Information**

|                                   |       |
|-----------------------------------|-------|
| RED HILLS;UPPER BONE SPRING SHALE | 97900 |
|-----------------------------------|-------|

**Additional Well Information**

|                           |                             |  |                         |                                    |
|---------------------------|-----------------------------|--|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>3474 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>14124 | 18. Formation<br>Bone Spring           | 19. Contractor          | 20. Spud Date<br>1/1/2014          |
| Depth to Ground water     |                             | Distance from nearest fresh water well |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 54.5             | 1230          | 700             | 0             |
| Int1 | 12.25     | 9.625       | 40               | 4000          | 1000            | 0             |
| Int2 | 12.25     | 9.625       | 40               | 5100          | 1000            | 0             |
| Prod | 8.75      | 5.5         | 17               | 14124         | 2075            | 4600          |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**22. Proposed Blowout Prevention Program**

|                    |                          |                       |              |
|--------------------|--------------------------|-----------------------|--------------|
| Type<br>Double Ram | Working Pressure<br>3000 | Test Pressure<br>3000 | Manufacturer |
|--------------------|--------------------------|-----------------------|--------------|

|  |  |
|--|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.<br><br>Signature: | <b>OIL CONSERVATION DIVISION</b>                           |
| Printed Name: Electronically filed by Stan Wagner  | Approved By: Paul Kautz                                    |
| Title: Regulatory Analyst  | Title: Geologist   |
| Email Address: Stan_Wagner@eogresources.com  | Approved Date: 10/25/2013      Expiration Date: 10/25/2015 |
| Date: 10/23/2013      Phone: 432-686-3689  | Conditions of Approval Attached                            |

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### District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

Form C-102  
August 1, 2011

Permit 175865

**State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

# WELL LOCATION AND ACREAGE DEDICATION PLAT

|                               |                                       |   |
|-------------------------------|---------------------------------------|---|
| 1. API Number<br>30-025-41465 | 2. Pool Code<br>97900                 | 3. Pool Name<br>RED HILLS;UPPER BONE SPRING SHALE |
| 4. Property Code<br>39643     | 5. Property Name<br>DRAGON 36 STATE   | 6. Well No.<br>009H                               |
| 7. OGRID No.<br>7377          | 8. Operator Name<br>EOG RESOURCES INC | 9. Elevation<br>3474                              |



## 10. Surface Location

|               |               |                 |              |         |                  |               |                   |               |               |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>N | Section<br>36 | Township<br>24S | Range<br>33E | Lot Idn | Feet From<br>220 | N/S Line<br>S | Feet From<br>2428 | E/W Line<br>W | County<br>Lea |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|---------------|

### 11. Bottom Hole Location If Different From Surface

|                               |               |                 |                     |              |                        |               |                   |               |               |
|-------------------------------|---------------|-----------------|---------------------|--------------|------------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>C                 | Section<br>36 | Township<br>24S | Range<br>33E        | Lot Idn<br>C | Feet From<br>230       | N/S Line<br>N | Feet From<br>2390 | E/W Line<br>W | County<br>Lea |
| 12. Dedicated Acres<br>640.00 |               |                 | 13. Joint or Infill |              | 14. Consolidation Code |               |                   | 15. Order No. |               |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |   |  |
|--|---|--|
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|  |  |  |

## OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Stan Wagner  
Title: Regulatory Analyst  
Date: 10/23/2013

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Michael Brown  
Date of Survey: 8/29/2013  
Certificate Number: 18329

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments

Permit 175885

**PERMIT COMMENTS**

|  |  |                                |
|--|--|--------------------------------|
| Operator Name and Address:<br>EOG RESOURCES INC [7377]<br>P.O. Box 2267<br>Midland, TX 79702 |  | API Number:<br>30-025-41465    |
|  |  | Well:<br>DRAGON 36 STATE #009H |
| Created By   | Comment  | Comment Date                   |
| SWAGNER  | C-102, directional plan, and H2S plan will be mailed separately. | 10/23/2013                     |
| pkautz   | Land s/S   | 10/23/2013                     |

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Form APD Conditions

Permit 175885

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**PERMIT CONDITIONS OF APPROVAL**

|  |                                |
|--|--------------------------------|
| Operator Name and Address:<br>EOG RESOURCES INC [7377]<br>P.O. Box 2267<br>Midland, TX 79702 | API Number:<br>30-025-41465    |
|  | Well:<br>DRAGON 36 STATE #009H |

| OCD<br>Reviewer | Condition  |
|-----------------|--|
| pkautz          | Will require a directional survey with the C-104   |
| pkautz          | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string |
| pkautz          | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water   |