

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 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 214806

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

| | | |
|---|--|-------------------------------|
| 1. Operator Name and Address EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | | 2. OGRID Number 7377 |
| 4. Property Code 315747 | | 3. API Number 30-025-43004 |
| 5. Property Name LEGHORN 32 STATE | | 6. Well No. 701H |

7. Surface Location

| | | | | | | | | | | | | | | | | | | |
|----------|---|---------|----|----------|-----|-------|-----|---------|-----------|-----|----------|---|-----------|----|----------|---|--------|-----|
| UL - Lot | A | Section | 32 | Township | 22S | Range | 33E | Lot Idn | Feet From | 200 | N/S Line | N | Feet From | 50 | E/W Line | E | County | Lea |
|----------|---|---------|----|----------|-----|-------|-----|---------|-----------|-----|----------|---|-----------|----|----------|---|--------|-----|

8. Proposed Bottom Hole Location

| | | | | | | | | | | | | | | | | | | | |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|-----|
| UL - Lot | M | Section | 33 | Township | 22S | Range | 33E | Lot Idn | M | Feet From | 230 | N/S Line | S | Feet From | 420 | E/W Line | W | County | Lea |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|-----|

9. Pool Information

| | |
|----------------------|-------|
| WILDCAT;WOLFCAMP OIL | 96794 |
|----------------------|-------|

Additional Well Information

| | | | | |
|---------------------------|-----------------------------|--|-------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type OIL | 13. Cable/Rotary | 14. Lease Type State | 15. Ground Level Elevation 3593 |
| 16. Multiple N | 17. Proposed Depth 17023 | 18. Formation Upper Wolfcamp | 19. Contractor | 20. Spud Date 9/1/2016 |
| 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 | 14.75 | 10.75 | 40.5 | 1075 | 700 | 0 |
| Int1 | 9.875 | 7.625 | 29.7 | 10500 | 1165 | 0 |
| Prod | 6.75 | 5.5 | 23 | 10500 | 685 | 10000 |
| Prod | 6.75 | 5 | 23.2 | 17023 | 685 | 10000 |

Casing/Cement Program: Additional Comments

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

22. Proposed Blowout Prevention Program

| | | | |
|------------|------------------|---------------|--------------|
| Type | Working Pressure | Test Pressure | Manufacturer |
| Double Ram | 10000 | 5000 | |

| | |
|---|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. 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. Signature: Printed Name: Electronically filed by Stan Wagner Title: Regulatory Analyst Email Address: Stan_Wagner@eogresources.com Date: 1/6/2016 | <div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Paul Kautz Title: Geologist Approved Date: 1/6/2016 Expiration Date: 1/6/2018 Conditions of Approval Attached |
|---|--|

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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

Form C-102
August 1, 2011
Permit 214806

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-------------------------------|---------------------------------------|--------------------------------------|
| 1. API Number 30-025-43004 | 2. Pool Code 96794 | 3. Pool Name WILDCAT;WOLFCAMP OIL |
| 4. Property Code 315747 | 5. Property Name LEGHORN 32 STATE | 6. Well No. 701H |
| 7. OGRID No. 7377 | 8. Operator Name EOG RESOURCES INC | 9. Elevation 3593 |

10. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-----------------|---------------|---------------|
| UL - Lot A | Section 32 | Township 22S | Range 33E | Lot Idn | Feet From 200 | N/S Line N | Feet From 50 | E/W Line E | County Lea |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-----------------|---------------|---------------|

11. Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|-------------------------------|---------------------|-----------------|------------------------|--------------|------------------|---------------|------------------|---------------|---------------|
| UL - Lot M | Section 33 | Township 22S | Range 33E | Lot Idn M | Feet From 230 | N/S Line S | Feet From 420 | E/W Line W | County Lea |
| 12. Dedicated Acres 160.00 | 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

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table> | | | | | | | | | | | | | | | | | <p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Stan Wagner Title: Regulatory Analyst Date: 1/6/2016</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Michael Brown Date of Survey: 12/1/2015 Certificate Number: 18329</p> |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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) 476-3482

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 214806

PERMIT COMMENTS

| | |
|--|---------------------------------|
| Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702 | API Number: 30-025-43004 |
| | Well: LEGHORN 32 STATE #701H |

| | | |
|------------|---------|--------------|
| Created By | Comment | Comment Date |
|------------|---------|--------------|

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3482

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

Form APD Conditions

Permit 214806

PERMIT CONDITIONS OF APPROVAL

| | |
|--|---------------------------------|
| Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702 | API Number: 30-025-43004 |
| | Well: LEGHORN 32 STATE #701H |

| OCD 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 | If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well. |
| pkautz | 1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing -- |
| pkautz | If cement does not circulate to surface, must run temperature survey or other log to determine top of cement |
| pkautz | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water |
| pkautz | Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186 |
| pkautz | 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe. |