

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
May 27, 2004

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505



Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

JAN 23 2008
OCD-ARTESIA

Submit to appropriate District Office

☐ AMENDED REPORT

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, Texas 79702 | | ² OGRID Number 7377 |
| | | ³ API Number 30- 15-34026 |
| ⁴ Property Code 34705 | ⁵ Property Name Rocking Horse State | ⁶ Well No. 1 |
| ⁹ Proposed Pool 1 Chester MISSISSIPPIAN GAS | | ¹⁰ Proposed Pool 2 |

⁷ Surface Location

| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|--------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| B | 36 | 18S | 27E | | 990 | North | 1980 | East | Eddy |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

Additional Well Location

| | | | | |
|---|--|--|---|---|
| ¹¹ Work Type Code Add a zone | ¹² Well Type Code Gas | ¹³ Cable/Rotary Rotary | ¹⁴ Lease Type Code State | ¹⁵ Ground Level Elevation 3543 |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 10680 | ¹⁸ Formation Chester | ¹⁹ Contractor | ²⁰ Spud Date Not yet scheduled |
| Depth to ground water 74' | | Distance from nearest fresh water well > 1000 | | Distance from nearest surface water > 1000 |
| Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume 12000 bbls Drilling Method. Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> | | | | |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|---------------|---------------|--------------------|---------------|-----------------|----------------|
| 14 3/4 | 11 3/4 | 42 | 435 | 360 | surface |
| 11 | 8 5/8 | 32 | 2425 | 1000 | surface |
| 7 7/8 | 5 1/2 | 17 | 10678 | 1640 | surface |
| | | | | | |
| | | | | | |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Intent is to test Chester perforations at 10206 - 10420 for possible DHC with Morrow production.

BOP Double Ram working pressure 3000 psi - test pressure 3000 psi

DHC required to produce

| | | | |
|--|----------------------------|--|-------------------------------------|
| ²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | | OIL CONSERVATION DIVISION | |
| Signature: <i>Stan Wagner</i> | | Approved by: BRYAN G. ARRANT | |
| Printed name: Stan Wagner | | Title: DISTRICT II GEOLOGIST | |
| Title: Regulatory Analyst | | Approval Date: JAN 23 2008 | Expiration Date: JAN 23 2010 |
| E-mail Address: | | | |
| Date: 1/18/2008 | Phone: 432-686-3689 | Conditions of Approval: Attached <input type="checkbox"/> | |

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State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|--|--|
| ¹ API Number 30-015-34026 | ² Pool Code 97338 | ³ Pool Name Wildcat, Mississippian GAS |
| ⁴ Property Code 34705 | ⁵ Property Name ROCKING HORSE "36" STATE | ⁶ Well Number 1 |
| ⁷ OGRID No. 7377 | ⁸ Operator Name EOG RESOURCES, INC. | ⁹ Elevation 3543' |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| B | 36 | 18 SOUTH | 27 EAST, N.M.P.M. | | 990' | NORTH | 1980' | EAST | EDDY |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| ¹² Dedicated Acres 320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. | | | | | | |

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

| | |
|---|--|
| <div><p>¹⁶</p><p>990'</p><p>1980'</p><p>NAD 27 NM E ZONE X = 531977 Y = 621363 LAT.: N 32.70818 LONG.: W 104.22937</p></div> | <p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Stan Wagner</i> Signature Stan Wagner Printed Name Reg Analyst Title 1/18/08 Date</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 19, 2005 Date of Survey Signature and Seal of Professional Surveyor</p> <p> Certificate Number V. L. BEZNER R.P.S. #7920 JOB #100501 / 74 NW / E.U.O.</p> |
|---|--|