

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

OCD-ARTESIA

MAY 26 2009

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|--|--|--|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 4. Lease Serial No. NM 100554 |
| 2. Name of Operator EOG Resources Inc. | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address P.O. Box 2267 Midland, Texas 79702 | 3b. Phone No. (include area code) 432-686-3689 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 580' FSL & 1580' FWL, U/L N, Sec 33, T25S, R29E (SL) 508' FSL & 1722' FWL, U/L N, Sec 33, T25S, R29E (BHL) proposed | | 8. Well Name and No. West Brushy 1 |
| | | 9. API Well No. 30-015-36971 |
| | | 10. Field and Pool, or Exploratory Area Undesignated Cherry Canyon |
| | | 11. County or Parish, State Eddy NM |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|--|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

EOG Resources requests to change the permitted well from a Bone Spring horizontal to a directionally controlled vertical Cherry Canyon well. 8-5/8" surface casing will be set at 600' and the 5-1/2" production casing will be set at 5505'. The BOPE will be tested to a 3M system prior to drilling out of the surface casing shoe. Please see the attachments for detailed information and directional plan.

Need sundry
for name
change.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

NOTE - High core/karst
requirements

| | | |
|---|-------|---|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Stan Wagner | | Title Regulatory Analyst |
| Signature <i>Stan Wagner</i> | | Date 5/19/09 |
| THIS SPACE FOR FEDERAL OR STATE OFFICE USE | | |
| Approved by | Title | APPROVED MAY 21 2009 WESLEY W. INGRAM PETROLEUM ENGINEER |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | |
| Office | | |

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

Permit Information:

Well Name: West Brushy Fed 33 #1

Revised 5/18/09

Location:

SL: 580' FSL & 1580' FWL, Section 33, T-25-S, R-29-E, Eddy Co., N.M.

BHL: 580' FSL & 1722' FWL, Section 33, T-25-S, R-29-E, Eddy Co., N.M

Casing Program:

| Casing | Setting Depth | Hole Size | Casing Size | Casing Weight | Casing Grade | Desired TOC |
|------------|---------------|-----------|-------------|---------------|-----------------|-------------|
| Surface | 600' | 12-1/4" | 8-5/8" | 24# | J-55 <i>BTC</i> | Surface |
| Production | 5,505' | 7-7/8" | 5 1/2" | 17# | J-55 <i>LTC</i> | Surface |

Casing Design:

| Casing | Burst | Collapse | Tension |
|------------|-------|----------|---------|
| Surface | 1.96 | 4.86 | 5.45 |
| Production | 1.18 | 2.06 | 2.18 |

Cement Program:

| Depth | No. Sacks | Slurries: |
|--------|-----------|---|
| | | <i>TOC = 0 (both)</i> |
| 600' | 150 | Lead: 60:40 Poz: C + 0.005 gps FP-6L + 0.005 pps Static Free + 5 pps LCM-1 + 5% NaCl + 0.125 pps CelloFlake + 0.8% SMS; 13 ppg, 1.57 cu ft/ sk |
| | 200 | Premium Plus C + 2% CaCl ₂ + 0.005 pps Static Free + 0.125 pps CelloFlake + 0.005 gps FP-6L; 14.8 ppg, 1.35 cu ft/ sk |
| 5,505' | 495 | Lead: 50:50 Poz: C + 0.005 pps Static Free + 5% NaCl + 0.125 pps CelloFlake + 0.005 gps FP-6L + 10% Bentonite; 11.8 ppg, 2.29 cu ft/ sk |
| | 200 | Tail: 50:50 Poz: C + 0.005 pps Static Free + 0.005 gps FP-6L + 5% NaCl + 0.1% R-3 + 0.2% CD-32 + 2% Bentonite + 0.3% FL-52A; 14.2 ppg, 1.30 cu ft/ sk |

Mud Program:

| Depth | Type | Weight (ppg) | Viscosity | Water Loss |
|-----------------|-------------|--------------|-----------|------------|
| 0 - 600' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 600' - 4,200' | Brine | 10.0-10.2 | 28-34 | N/c |
| 4,200' - 5,505' | Brine | 10.0-10.2 | 28-34 | 10-15 |

EOG Resources Inc

Planning Report

| | | | |
|------------------|-----------------------|-------------------------------------|---------------------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well West Brushy Fed 33 #1 |
| Company: | Midland - New Mexico | TVD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Project: | Delaware | MD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Site: | West Brushy Fed 33 #1 | North Reference: | Grid |
| Well: | West Brushy Fed 33 #1 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | West Brushy Fed 33 #1 | | |
| Design: | Original Plan | | |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Delaware | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | New Mexico East 3001 | | |

| | | | |
|------------------------------|-----------------------|--------------------------|-------------------|
| Site | West Brushy Fed 33 #1 | | |
| Site Position: | | Northing: | 393,149.80ft |
| From: | Map | Easting: | 605,616.00ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | " |
| | | Latitude: | 32° 4' 49.532 N |
| | | Longitude: | 103° 59' 32.401 W |
| | | Grid Convergence: | 0.18 deg |

| | | | |
|-----------------------------|-----------------------|---------|-------------------------------------|
| Well | West Brushy Fed 33 #1 | | |
| Well Position | +N/-S | 0.00 ft | Northing: 393,149.80 ft |
| | +E/-W | 0.00 ft | Easting: 605,616.00 ft |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: ft |
| | | | Latitude: 32° 4' 49.532 N |
| | | | Longitude: 103° 59' 32.401 W |
| | | | Ground Level: 2,990.00ft |

| | | | |
|------------------|-----------------------|--------------------|----------------------------|
| Wellbore | West Brushy Fed 33 #1 | | |
| Magnetics | Model Name | Sample Date | Declination (deg) |
| | IGRF200510 | 5/18/2009 | 8.00 |
| | | | Dip Angle (deg) |
| | | | 60.04 |
| | | | Field Strength (nT) |
| | | | 48,720 |

| | | | |
|--------------------------|-------------------------|--------------|---------------------------|
| Design | Original Plan | | |
| Audit Notes: | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: 0.00 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W |
| | (ft) | (ft) | (ft) |
| | 5,500.00 | 0.00 | 0.00 |
| | | | Direction (deg) |
| | | | 89.80 |

| Plan Sections | | | | | | | | | | |
|----------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|-----------|-------------------|
| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) | TFO (deg) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,250.00 | 5.00 | 89.80 | 2,249.68 | 0.04 | 10.90 | 2.00 | 2.00 | 0.00 | 89.80 | |
| 3,250.00 | 5.00 | 89.80 | 3,245.88 | 0.34 | 98.06 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,453.32 | 0.93 | 89.79 | 3,448.88 | 0.38 | 108.58 | 2.00 | -2.00 | 0.00 | -180.00 | |
| 5,504.53 | 0.93 | 89.79 | 5,499.82 | 0.50 | 142.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,504.71 | 0.93 | 89.79 | 5,500.00 | 0.50 | 142.00 | 2.00 | -1.99 | -1.64 | -179.23 | BHL (West Brushy) |

EOG Resources Inc

Planning Report

| | | | |
|-----------|-----------------------|------------------------------|---------------------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well West Brushy Fed 33 #1 |
| Company: | Midland - New Mexico | TVD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Project: | Delaware | MD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Site: | West Brushy Fed 33 #1 | North Reference: | Grid |
| Well: | West Brushy Fed 33 #1 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | West Brushy Fed 33 #1 | | |
| Design: | Original Plan | | |

Planned Survey

| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/S (ft) | +E/W (ft) | Vertical Section (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) |
|---------------------|-------------------|---------------|---------------------|-----------|-----------|-----------------------|-----------------------|----------------------|---------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 0.00 | 0.00 | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 0.00 | 0.00 | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 0.00 | 0.00 | 1,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 0.00 | 0.00 | 1,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 0.00 | 0.00 | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 2.00 | 89.80 | 2,099.98 | 0.01 | 1.75 | 1.75 | 2.00 | 2.00 | 0.00 |
| 2,200.00 | 4.00 | 89.80 | 2,199.84 | 0.02 | 6.98 | 6.98 | 2.00 | 2.00 | 0.00 |
| 2,250.00 | 5.00 | 89.80 | 2,249.68 | 0.04 | 10.90 | 10.90 | 2.00 | 2.00 | 0.00 |
| 2,300.00 | 5.00 | 89.80 | 2,299.49 | 0.05 | 15.26 | 15.26 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 5.00 | 89.80 | 2,399.11 | 0.08 | 23.97 | 23.97 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 5.00 | 89.80 | 2,498.73 | 0.11 | 32.69 | 32.69 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 5.00 | 89.80 | 2,598.35 | 0.14 | 41.41 | 41.41 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 5.00 | 89.80 | 2,697.97 | 0.17 | 50.12 | 50.12 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 5.00 | 89.80 | 2,797.59 | 0.21 | 58.84 | 58.84 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 5.00 | 89.80 | 2,897.21 | 0.24 | 67.55 | 67.55 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 5.00 | 89.80 | 2,996.83 | 0.27 | 76.27 | 76.27 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 5.00 | 89.80 | 3,096.45 | 0.30 | 84.98 | 84.98 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 5.00 | 89.80 | 3,196.07 | 0.33 | 93.70 | 93.70 | 0.00 | 0.00 | 0.00 |
| 3,250.00 | 5.00 | 89.80 | 3,245.88 | 0.34 | 98.06 | 98.06 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 4.00 | 89.80 | 3,295.72 | 0.36 | 101.98 | 101.98 | 2.00 | -2.00 | 0.00 |
| 3,400.00 | 2.00 | 89.80 | 3,395.58 | 0.37 | 107.21 | 107.21 | 2.00 | -2.00 | 0.00 |
| 3,453.32 | 0.93 | 89.79 | 3,448.88 | 0.38 | 108.58 | 108.58 | 2.00 | -2.00 | -0.01 |
| 3,500.00 | 0.93 | 89.79 | 3,495.56 | 0.38 | 109.34 | 109.34 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 0.93 | 89.79 | 3,595.54 | 0.39 | 110.97 | 110.97 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 0.93 | 89.79 | 3,695.53 | 0.39 | 112.60 | 112.60 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 0.93 | 89.79 | 3,795.52 | 0.40 | 114.23 | 114.23 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 0.93 | 89.79 | 3,895.50 | 0.41 | 115.86 | 115.86 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 0.93 | 89.79 | 3,995.49 | 0.41 | 117.48 | 117.49 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 0.93 | 89.79 | 4,095.48 | 0.42 | 119.11 | 119.11 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 0.93 | 89.79 | 4,195.46 | 0.42 | 120.74 | 120.74 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 0.93 | 89.79 | 4,295.45 | 0.43 | 122.37 | 122.37 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 0.93 | 89.79 | 4,395.44 | 0.43 | 124.00 | 124.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 0.93 | 89.79 | 4,495.42 | 0.44 | 125.63 | 125.63 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 0.93 | 89.79 | 4,595.41 | 0.45 | 127.26 | 127.26 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 0.93 | 89.79 | 4,695.40 | 0.45 | 128.89 | 128.89 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 0.93 | 89.79 | 4,795.38 | 0.46 | 130.52 | 130.52 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.93 | 89.79 | 4,895.37 | 0.46 | 132.15 | 132.15 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.93 | 89.79 | 4,995.36 | 0.47 | 133.78 | 133.78 | 0.00 | 0.00 | 0.00 |

EOG Resources Inc

Planning Report

| | | | |
|------------------|-----------------------|-------------------------------------|---------------------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well West Brushy Fed 33 #1 |
| Company: | Midland - New Mexico | TVD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Project: | Delaware | MD Reference: | WELL @ 3009.00ft (Original Well Elev) |
| Site: | West Brushy Fed 33 #1 | North Reference: | Grid |
| Well: | West Brushy Fed 33 #1 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | West Brushy Fed 33 #1 | | |
| Design: | Original Plan | | |

| Planned Survey | | | | | | | | | |
|----------------------|-------------------|---------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (deg) | Azimuth (deg) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (?/100ft) | Build Rate (?/100ft) | Turn Rate (?/100ft) |
| 5,100.00 | 0.93 | 89.79 | 5,095.34 | 0.48 | 135.41 | 135.41 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.93 | 89.79 | 5,195.33 | 0.48 | 137.04 | 137.04 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.93 | 89.79 | 5,295.32 | 0.49 | 138.67 | 138.67 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.93 | 89.79 | 5,395.30 | 0.49 | 140.29 | 140.30 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.93 | 89.79 | 5,495.29 | 0.50 | 141.92 | 141.92 | 0.00 | 0.00 | 0.00 |
| 5,504.53 | 0.93 | 89.79 | 5,499.82 | 0.50 | 142.00 | 142.00 | 0.00 | 0.00 | 0.00 |
| 5,504.71 | 0.93 | 89.79 | 5,500.00 | 0.50 | 142.00 | 142.00 | 1.99 | -1.99 | -1.64 |
| BHL (West Brushy #1) | | | | | | | | | |

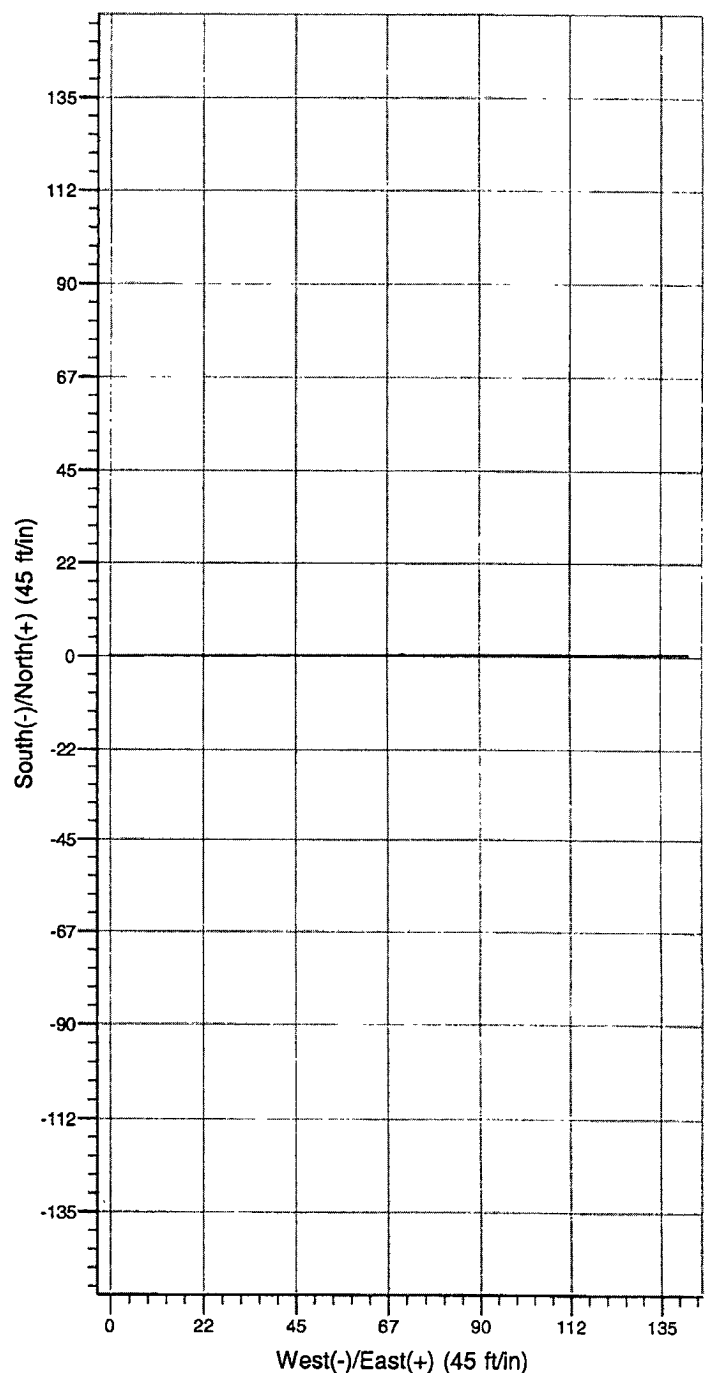
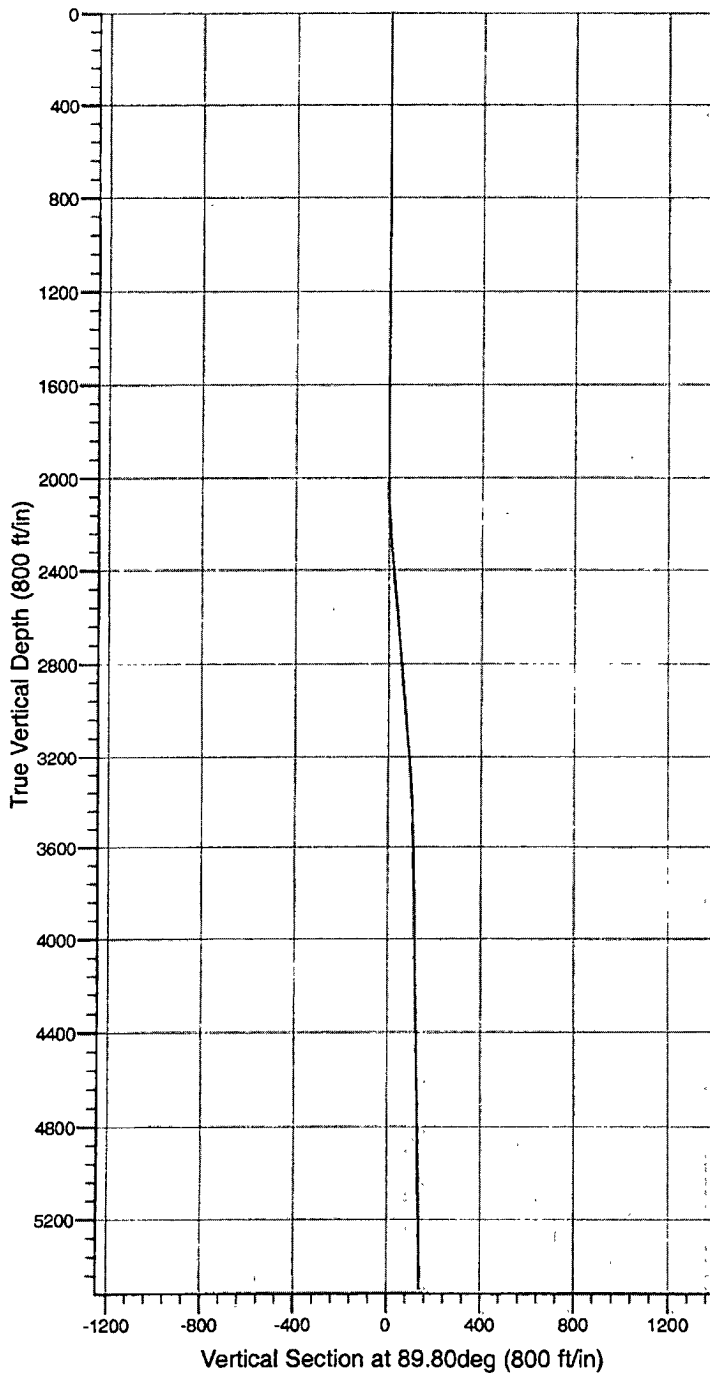
| Targets | | | | | | | | | |
|---------------------------|-----------------|----------------|----------|------------|------------|---------------|--------------|-----------------|-------------------|
| Target Name | Dip Angle (deg) | Dip Dir. (deg) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| BHL (West Brushy #1 | 0.00 | 0.00 | 5,500.00 | 0.50 | 142.00 | 393,150.30 | 605,758.00 | 32° 4' 49.533 N | 103° 59' 30.751 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

WELL DETAILS: West Brushy Fed 33 #1

| | | | | | | | |
|-------|-------|-----------|-----------------------|-----------|-----------------|-------------------|------|
| +N/-S | +E/-W | Northing | Ground Level: 2990.00 | Easting | Latitude | Longitude | Slot |
| 0.00 | 0.00 | 393149.80 | | 605616.00 | 32° 4' 49.532 N | 103° 59' 32.401 W | |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | DLeg | TFac | Target | Sec |
|-----|---------|------|-------|---------|-------|--------|------|---------|--------|-----|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 2000.00 | 0.00 | 0.00 | 2000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 2250.00 | 5.00 | 89.80 | 2249.68 | 0.04 | 10.90 | 2.00 | 89.80 | 10.90 | |
| 4 | 3250.00 | 5.00 | 89.80 | 3245.88 | 0.34 | 98.06 | 0.00 | 0.00 | 98.06 | |
| 5 | 3453.32 | 0.93 | 89.79 | 3448.88 | 0.38 | 108.58 | 2.00 | -180.00 | 108.58 | |
| 6 | 5504.53 | 0.93 | 89.79 | 5499.82 | 0.50 | 142.00 | 0.00 | 0.00 | 142.00 | |
| 7 | 5504.71 | 0.93 | 89.79 | 5500.00 | 0.50 | 142.00 | 0.00 | 0.00 | 142.00 | |



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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|--|-----------------------------|
| API Number 30-015-36971 | Pool Code | Pool Name |
| Property Code 37609 | Property Name WEST BRUSHY FEDERAL 33 | Well Number 1 |
| OGRID No. 7377 | Operator Name EOG RESOURCES, INC. | Elevation 2990.0' |

Surface Location

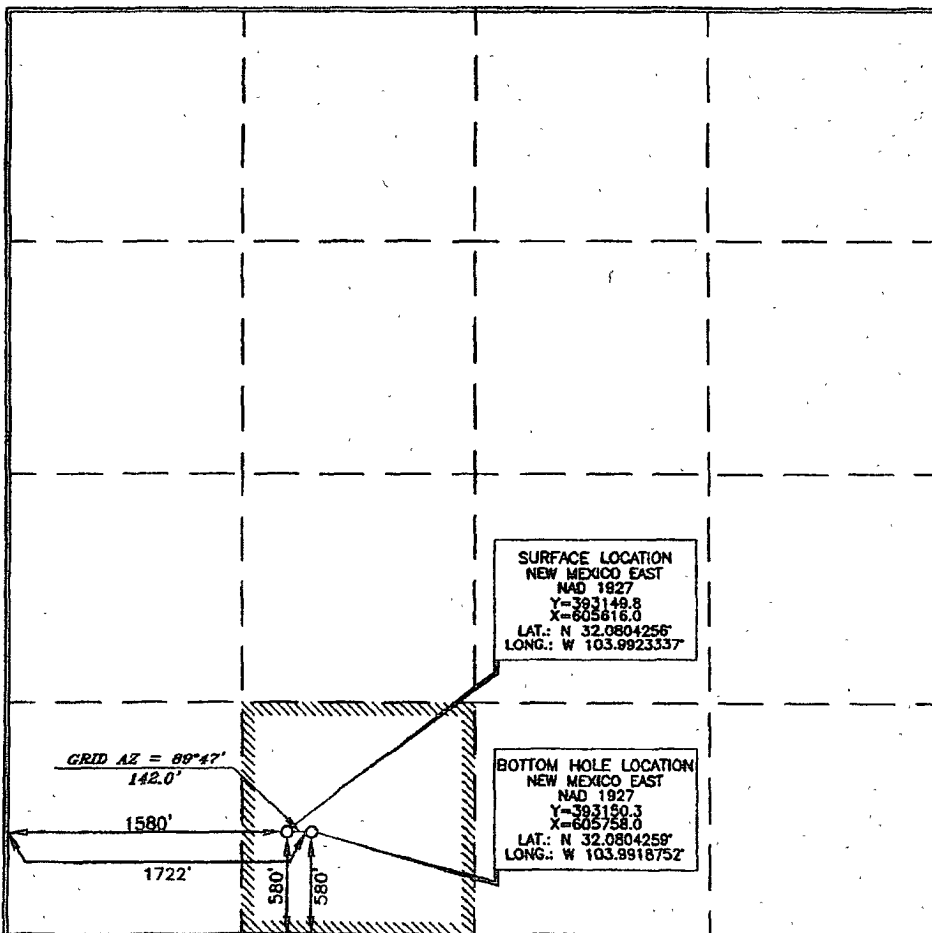
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| N | 33 | 25 SOUTH | 29 EAST, N.M.P.M. | | 580' | SOUTH | 1580' | WEST | EDDY |

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 |
|---------------|-----------|-----------------|--------------------------|---------|---------------|------------------|---------------|----------------|-------------|
| N | 33 | 25 SOUTH | 29 EAST, N.M.P.M. | | 580' | SOUTH | 1722' | WEST | EDDY |

| | | | |
|------------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 40 | Joint or Infill | Consolidation Code | 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.



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 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.

Don S. Mott 5/21/2009
Signature Date

Donny G Glanton
Printed Name

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.

DECEMBER 11, 2008
Date of Survey

Signature and Seal of Professional Surveyor

Jerry J. Paul 5/21/2009
Certificate Number 15079

WOF 081211WL (Rev. A) (N)

PECOS DISTRICT CONDITIONS OF APPROVAL

| | |
|-----------------------|-------------------------------------|
| OPERATOR'S NAME: | EOG Resources Inc |
| LEASE NO.: | NM100554 |
| WELL NAME & NO.: | West Brushy Fed 33 - 1 |
| SURFACE HOLE FOOTAGE: | 0580' FSL & 1580' FWL |
| BOTTOM HOLE FOOTAGE: | 0508' FNL & 1722' FWL |
| LOCATION: | Section 33, T. 25 S., R 29 E., NMPM |
| COUNTY: | Eddy County, New Mexico |

I. DRILLING

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c. BOPE tests

☒ **Eddy County**

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,
(575) 361-2822

1. **Although there are no measured amounts of Hydrogen Sulfide reported, it is always a potential hazard. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.**
2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

B. CASING

Changes to the approved APD casing and cement program require submitting a sundry and receiving approval prior to work. Failure to obtain approval prior to work will result in an Incident of Non-Compliance being issued.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. See individual casing strings for details regarding lead cement slurry requirements.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

HIGH CAVE/KARST – CONTINGENCY CASING WILL BE REQUIRED IF LOST CIRCULATION OCCURS WHILE DRILLING THE SURFACE HOLE. THE SURFACE HOLE WILL HAVE TO BE REAMED AND A LARGER CASING INSTALLED. IF LOST CIRCULATION OCCURS WHILE DRILLING THE 7-7/8" HOLE, THE CEMENT PROGRAM FOR THE 5-1/2" CASING WILL NEED TO BE MODIFIED AND THE BLM IS TO BE CONTACTED PRIOR TO RUNNING THE CASING. A MINIMUM OF TWO CASING STRINGS CEMENTED TO SURFACE IS REQUIRED IN HIGH CAVE/KARST AREAS. THE CEMENT MUST BE IN A SOLID SHEATH THEREFORE, ONE INCH OPERATIONS WILL NOT BE PERMITTED. A DV TOOL WILL BE REQUIRED.

High cave/karst.

Possible water flows in the Salado and Delaware Mountain Group.

Possible lost circulation in the Delaware Mountain Group.

1. The 8-5/8 inch surface casing shall be set at approximately 600 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
 - b. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.

- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
- 2. The minimum required fill of cement behind the **5-1/2** inch intermediate casing is:
 - ☒ Cement to surface (see above **High Cave/Karst** statement).
- 3. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

C. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **2000 (2M)** psi.
- 3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **8-5/8"** intermediate casing shoe shall be **5000 (5M)** psi.
- 4. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. The tests shall be done by an independent service company.
 - b. The results of the test shall be reported to the appropriate BLM office.
 - c. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
 - d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

D. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

WWI 052009