

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM122624

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM1396478. Well Name and No.
WILD WEASEL 22 FED COM 708H9. API Well No.
30-025-45802-00-X110. Field and Pool or Exploratory Area
RED HILLS11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: EMILY FOLLIS

E-Mail: emily_follis@eogresources.com

3a. Address

PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-636-3600

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 22 T25S R34E NENW 413FNL 2529FWL
32.122124 N Lat, 103.458191 W Lon

12. CHECK THE 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"/> Hydraulic Fracturing | <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 checked="" type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Change to Original A |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | PD |

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 recomple 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

BHL change to T-25-S R-34-E Sec. 27 100? FSL 2594? FWL
Reduce HSU to 640 acres**Carlsbad Field Office**
OCD Hobbs*Same COAs J.P.*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #480686 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 08/27/2019 (19PP2956SE)

Name (Printed/Typed) BEN HO

Title REGULATORY

Signature (Electronic Submission)

Date 08/27/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JEROMY PORTER

Title PETROLEUM ENGINEER

Date 08/30/2019

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 Hobbs

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.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

KZ

Revisions to Operator-Submitted EC Data for Sundry Notice #480686

| | Operator Submitted | BLM Revised (AFMSS) |
|----------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Sundry Type: | APDCH NOI | APDCH NOI |
| Lease: | NMNM122624 | NMNM122624 |
| Agreement: | | NMNM139647 (NMNM139647) |
| Operator: | EOG RESOURCES INC PO BOX 2267 MIDLAND, TX 79702 Ph: 432-636-3600 | EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689 |
| Admin Contact: | EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432.636.3600 | EMILY FOLLIS SR REGULATORY ADMINISTRATOR E-Mail: emily_follis@eogresources.com Ph: 432-636-3600 |
| Tech Contact: | BEN HO REGULATORY ASSOC. E-Mail: Ben_Hocher@eogresources.com Ph: 432-636-3600 | BEN HO REGULATORY E-Mail: Ben_Hocher@eogresources.com Ph: 432-686-3623 |
| Location: | | |
| State: | NM | NM |
| County: | LEA COUNTY | LEA |
| Field/Pool: | 96994 PITCHFORK RANCH:WC | RED HILLS |
| Well/Facility: | WILD WEASEL 22 FED COM 708H Sec 22 T25S R34E 413FNL 2529FWL | WILD WEASEL 22 FED COM 708H Sec 22 T25S R34E NENW 413FNL 2529FWL 32.122124 N Lat, 103.458191 W Lon |

Revised Permit Information 8/27/2019:

Well Name: Wild Weasel 22 Fed Com #708H

Location:

SHL: 413' FNL & 2529' FWL, Section 22, T-25-S, R-34-E, Lea Co., N.M.

BHL: 100' FSL & 2594' FWL, Section 27, T-25-S, R-34-E, Lea Co., N.M.

Design A**Casing Program:**

| Hole Size | Interval | Csg OD | Weight | Grade | Conn | DF _{min} Collapse | DF _{min} Burst | DF _{min} Tension |
|-----------|-------------------|--------|--------|----------|-------------|----------------------------|-------------------------|---------------------------|
| 12.25" | 0' - 994' | 9.625" | 40# | J-55 | LTC | 1.125 | 1.25 | 1.60 |
| 8.75" | 0' - 11,530' | 7.625" | 29.7# | HCP-110 | FXL | 1.125 | 1.25 | 1.60 |
| 6.75" | 0' - 11,030' | 5.5" | 20# | P-110 EC | DWC/C-IS MS | 1.125 | 1.25 | 1.60 |
| 6.75" | 11,030' - 11,530' | 5.5" | 20# | HCP-110 | VAM SFC | 1.125 | 1.25 | 1.60 |
| 6.75" | 11,530' - 22,798' | 5.5" | 20# | P-110 EC | DWC/C-IS MS | 1.125 | 1.25 | 1.60 |

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

EOG requests variance to allow deviation from the 0.422" annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422" is acceptable for the curve and lateral portions of the production open hole section.

EOG also requests to retain the option to utilize the previously permitted 4 string design, to be referred to as Design B.

Cement Program:

| Depth | No. Sacks | Wt. ppg | Yld Ft ³ /sk | Slurry Description |
|-------------------|-----------|---------|-------------------------|----------------------------------------------------------------------------------------------------------------|
| 994' 9-5/8" | 830 | 13.5 | 1.73 | Lead: Class C + 4.0% Bentonite + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface) |
| | 80 | 14.8 | 1.34 | Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 845') |
| 11,530' 7-5/8" | 470 | 14.2 | 1.11 | 1 st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,800') |
| | 1,000 | 12.7 | 2.30 | 2 nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface) |
| 22,798' 5-1/2" | 950 | 14.2 | 1.31 | Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 11,030') |

| Additive | Purpose |
|---------------------|-----------------------------------------|
| Bentonite Gel | Lightweight/Lost circulation prevention |
| Calcium Chloride | Accelerator |
| Cello-flake | Lost circulation prevention |
| Sodium Metasilicate | Accelerator |
| MagOx | Expansive agent |
| Pre-Mag-M | Expansive agent |
| Sodium Chloride | Accelerator |
| FL-62 | Fluid loss control |
| Halad-344 | Fluid loss control |
| Halad-9 | Fluid loss control |
| HR-601 | Retarder |
| Microbond | Expansive Agent |

EOG requests variance from minimum standards to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated TOC at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top of cement will be verified by Echo-meter.

EOG also requests variance for the option to perform this cement procedure on Design B in the 7-5/8" 2nd Intermediate casing string as a contingency plan.

EOG will include the final fluid top verified by Echo-meter and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

Mud Program:

| Depth | Type | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|---------------------|------------------|-------------------|
| 0 – 994' | Fresh - Gel | 8.6-8.8 | 28-34 | N/c |
| 994' – 11,530' | Oil Base | 10.0-10.2 | 28-34 | N/c |
| 11,530' – 12,116' | Oil Base | 8.7-9.4 | 58-68 | N/c - 6 |
| 12,116' – 22,798' Lateral | Oil Base | 10.0-14.0 | 58-68 | 3 - 6 |