

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

EOG New Mexico Inc.

3. Address and Telephone No.

621 17th Street, Suite 1800, Denver, CO 80293

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

Unit Letter F 1585' FNL, 1760' FWL
Sec. 30-24N-1W

5. Lease Designation and Serial No.

SF 080715A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Abraham Federal #2

9. API Well No.

30-039-05310

10. Field and Foot, or Exploratory Area

Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba, NM

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

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☒ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well was plugged and abandoned per attached summary.

RECEIVED
OCT 30 1995
OIL CON. DIV.
DIST. 3

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

Signed Will Hardin

Title Consultant

Date 10-12-95

(This space for Federal or State office use)

Approved by Robert Kent

Sol Chief, Lands and Mineral Resources

Date OCT 27 1995

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, 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.

*See Instruction on Reverse Side

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

EOG (New Mexico) Inc.

October 5, 1995

Abraham Federal #2 (PC)

1585' FNL, 1760' FWL, Sec. 30, T-24-N, R-1-W

Rio Arriba County, NM., SF 080715A

Plug & Abandonment Report

Page 1

Cementing Summary:

Plug #1 with 36 sxs Class B cement with 2% CaCl_2 from 3368' to 2903' to cover up to the Ojo Alamo top.

Plug #2 with retainer at 1744', mix and pump 35 sxs Class B cement, squeeze 28 sxs cement outside 4-1/2" casing and spot 7 sxs cement inside casing to 1654' over Nacimiento top.

Plug #3 with retainer at 935', mix and pump 67 sxs Class B cement, squeeze 54 sxs cement outside 4-1/2" casing and spot 13 sxs above retainer to cover San Jose sands.

Plug #4 mix and pump 198 sxs Class B cement until good cement returns out bradenhead (estimate casing leak at 400' to 500' deep).

Plugging Summary:

9-27-95 Drive to EOG pipe yard and load tubing.

9-28-95 Safety Meeting. Road rig and equipment to location. RU rig and equipment. Layout relief lines to pit. Open up well, no pressure. ND wellhead, did not have correct flange for wellhead. NU wellhead. SI well. SDFD due to heavy rains.

9-29-95 No activity, heavy rain.

10-2-95 Safety Meeting. Open up well. ND wellhead. NU BOP and test. Tally and RIH with open ended 2-3/8" work tubing; tag CIBP at 3390'. POH to 3368'. Establish circulation with 1/2 bbl water. Attempt to pressure test 4-1/2" casing; establish rate into casing leak 1-3/4 bpm at 500#. After pumping 10 bbls water, no blow out bradenhead. Plug #1 with 36 sxs Class B cement with 2% CaCl_2 from 3368' to 2903' to cover up to the Ojo Alamo top. POH to 2276' and WOC. RIH and tag cement at 2948'. POH to 1744'. Attempt to pressure test 4-1/2" casing, developed an 1-1/2" long split in the 4-1/2" casing approximately 10" below the bell nipple. POH with tubing. RU A-Plus wireline truck. Round-trip 4-1/2" gauge ring to 1800'. Perforate 4 squeeze holes at 1805'. PU 4-1/2" cement retainer and RIH; set at 1744'. Pressure test tubing to 1500#, held OK. Establish rate into squeeze holes 1-1/2 bpm at 800#. Plug #2 with retainer at 1744', mix and pump 35 sxs Class B cement, squeeze 28 sxs cement outside 4-1/2" casing and spot 7 sxs cement inside casing to 1654' over Nacimiento top. POH and LD tubing and setting tool. Shut in well. SDFD.

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Plug & Abandonment Report Page 2

Plugging Summary Continued:

10-3-95 Safety Meeting. Open up well. RU pump truck. Weld on patch to repair split in casing. Load casing with water. Attempt to pressure test casing, leak 2 bpm at 450#. Established circulation out bradenhead after pumping 12 bbls water. Perforate 4 squeeze holes at 1020'. PU and RIH with 4-1/2" cement retainer; set at 935'. Establish rate into squeeze holes 1-3/4 bpm at 700#. Plug #3 with retainer at 935', mix and pump 67 sxs Class B cement, squeeze 54 sxs cement outside 4-1/2" casing and spot 13 sxs above retainer to cover San Jose sands. POH and LD tubing and setting tool. Mix and pump cement water down 4-1/2" casing to attempt to determine depth of the casing leak. Pumped 31 bbls water and did not see the cement water return out the bradenhead. Procedure change not to perforate for surface plug at 150' but to circulate cement from the casing leak, approved E. Bush, NMOCD and A. Yepa, Cuba BLM. Plug #4 mix and pump 198 sxs Class B cement until good cement returns out bradenhead (estimate casing leak at 400' to 500' deep). Shut in well and WOC. SDFD.

10-4-95 Safety Meeting. Open up well. Dig out wellhead. ND BOP. Cut wellhead off. Found cement 10' down from surface. Fill 8-5/8" casing with 4 sxs cement, 4-1/2" casing with 2 sxs cement and install P&A marker with 4 sxs cement, total 10 sxs Class B cement. Rig down rig and equipment. Move off location.

Ernie Bush, NMOCD and Al Yepa, Cuba BLM were on location.