

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

5. Lease Designation and Serial No.

NM 036224

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Crane Federal #6

9. API Well No.

30-039-05233

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba, NM

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, Ste. 1800, Den, CO 80293 (303) 293-9999

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

**Unit K, 1810' FSL, 1680' FWL
SEc. 31-24N-1W**

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.)*

Subject to BLM approval, EOG proposes to P&A the referenced well according to the attached procedure.

RECEIVED
NOV 2 1 1995
OIL CON. DIV.
BFE 3

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

Signed Will Hardin Title Consultant

Date 10-19-95

(This space for Federal or State office use)

Approved by Robert Kent Title For Chief, Lands and Mineral Resources

Date NOV 6 1995

Conditions of approval, if any:

See attached letter for surface conditions.

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

PLUG AND ABANDONMENT PROCEDURE

10-11-95

Crane Federal #6 (PC)
SW, Sec. 31, T24N, R1W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and EOG safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Will need to PU 2" tubing workstring. Round-trip a 4-1/2" casing scraper or wireline gauge ring to 3100'.
4. Plug #1 (Kirtland and Ojo Alamo tops, 3140' - ^{2933'}~~2883'~~): Perforate 3 or 4 squeeze holes at 3140' or approximately 5' above PBTD. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 3100'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix and pump 147 sxs Class B cement, squeeze 119 sxs cement outside casing from 3140' to 2883' and leave 28 sxs cement inside casing to cover Ojo Alamo top. Pressure test casing to 500#. POH and LD setting tool.
5. Plug #2 (Nacimiento top, 1710' - 1610'): Perforate 3 or 4 squeeze holes at 1710'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1660'. Establish rate into squeeze holes. Mix and pump 51 sxs Class B cement, squeeze 39 sxs cement outside casing from 1710' to 1610' and leave 12 sxs cement inside casing to cover Nacimiento top. POH and LD setting tool.
6. Plug #3 (Surface): Perforate 2 or 3 holes at 150'. Establish circulation out bradenhead valve. Mix approximately 45 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location.

Crane Federal #6

CURRENT

Blanco Pictured Cliffs

SW Section 31, T-24-N, R-1-W, Rio Arriba County, NM

Today's Date: 10/11/95

Spud: 5/17/62

Completed: N/A

Nacimiento @ 1660'

Ojo Alamo @ 2933'

Kirtland @ 3120'

Fruitland @ 3156'

Pictured Cliffs @ 3256'

12-1/4" hole

8-5/8", 24.0#, Csg set @ 100',
Cmt w/ 60 sxs (Circulated to Surface)

CIBP @ 3142' w/ 2 sxs cmt on top

Top of Cmt @ Unknown

Top of fish at 3162' (1" tubing to 3290')

Pictured Cliffs Perforations:
3260' - 3280'

PBTD 3301'

7-7/8" hole

TD 3335'

3290' 10" SK
4-1/2" 9.5# Csg set @ 3335', Cmt w/ 75 sxs

- Had lost circulation for 2 days before logging;
- Temperature Survey - No TOC reported;
- Drig Report - No circulation while displacing cmt.

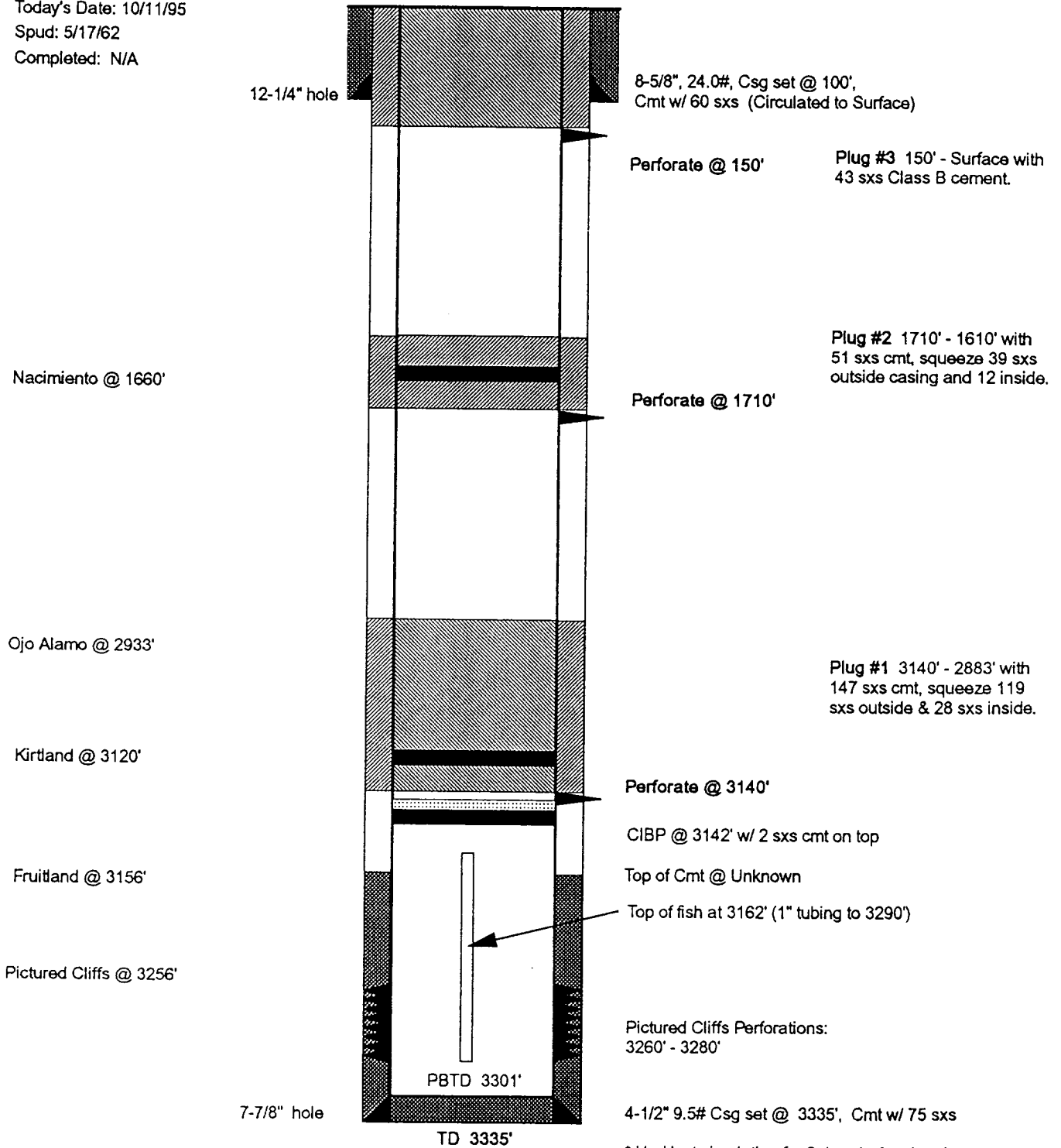
Crane Federal #6

Proposed P & A

Blanco Pictured Cliffs

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