

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

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

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

Section 20. T-26-N, R-3-W, B
960' FNL & 1680' FEL

5. Lease Designation and Serial No.

Cont 98

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Apache #8

9. API Well No.

30-039-20285

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, Co

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Repon
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
- Change of Plans
 New Construction
 Non-Routine Fracrunng
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Repon results of multiple completion on Wdl 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.)*

Conoco, Inc proposes to abandon this well using the attached procedure.

RECEIVED
MAY 11 1999
OIL CON. DIV.
DIST. 3

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

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

March 23, 1999

(This space for Federal or State office use)

Approved by

[Signature]

Title

Lands and Mineral Resources

Date

MAY 7 1999

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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

3-12-99

Apache #8

Basin Dakota

960' FNL & 1680' FEL, Section 20, T26N, R3W
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 with all NMOCD, BLM and Conoco safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. Tally 2-3/8" tubing workstring. Round-trip 4-1/2" casing scraper or gauge ring to 8100' or as deep as possible.
3. **Plug #1 (Dakota perforations and top, 8100' - 8000')**: TIH with 4-1/2" wireline CIBP and set at 8100'. PU and TIH with open ended tubing and tag CIBP. Load casing with water and pressure test to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Spot 12 sxs Class B cement inside casing above CIBP to isolate Dakota perforations and cover top. PUH to 7095.
4. **Plug #2 (Gallup top, 7095' - 6995')**: Mix 12 sxs Class B cement and spot balanced plug inside casing to cover Gallup top. TOH with tubing.
5. **Plug #3 (Mesaverde top, 5655' - 5555')**: Perforate 3 HSC squeeze holes at 5565'. Establish rate into squeeze holes if casing tested. Set 4-1/2" CR at 5605' and pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 30 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Mesaverde top. TOH to 4015'.
6. **Plug #4 (Pictured Cliffs, Fruitland tops, 4015' - 3680')**: Mix 25 sxs Class B cement and spot balanced plug inside casing to cover Ojo Alamo top. PUH to 3680 and reverse clean; TOH.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 3670' - 3390')**: Perforate 3 HSC squeeze holes at 3670'. Establish rate into squeeze holes if casing tested. Set 4-1/2" CR at 3630' and establish rate into squeeze holes. Mix 133 sxs Class B cement, squeeze 108 sxs cement outside 4-1/2" casing and leave 25 sxs cement inside casing to cover Fruitland top. TOH with tubing.
8. **Plug #6 (Nacimiento top, 1440' - 1340')**: Perforate 3 HSC squeeze holes at 1440'. Establish rate into squeeze holes if casing tested. Set 4-1/2" CR at 1390' and establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 30 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
9. **Plug #6 (8-5/8" Surface Casing at 207')**: Perforate 3 HSC squeeze holes at 257'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down 4-1/2" casing, circulate good cement to surface. Shut in well and WOC.
10. 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 per BLM stipulations.