Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5. Lease Designation and Serial No.

**BUREAU OF LAND MANAGEMENT** SF 077107C SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name 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 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Well 8. Well Name and No. Michener B LS #1: 2. Name of Operator 9. API Well No. CONOCO, INC. 30-045-07017 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P.O. Box 2197 DU 3066 Houston, TX Blanco P.C. (72359)) 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State ्राक्षत्रीर गण्डाहरू ५ जन् F, Section 33, T-28N, R-9W San Juan, NM e antical electromate is to state in continu 2113' FNL & 1884' FWL CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION XXNotice of Intent Change of Plans New Construction Recompletion Non-Routine Fracturing Plugging Back Water Shut-Off Conversion to Injection Final Abandonment Notice Dispose Water (Note: Report results of multiple con 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 plug this well using the attached procedure. 14. I hereby certify that the foregoing is true and Regulatory Analyst (This space for Federal or State office use) Date 12/8/39 Approved by \_\_\_\_\_\_\_\_ 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

## PLUG AND ABANDONMENT PROCEDURE

11-24-99

### Michener B LS #1

Aztec Pictured Cliffs Extension
2113' FNL & 1884' FWL, Section 33, T28N, R9W
San Juan County, New Mexico
Long. \_\_\_\_\_ /Lat.\_

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.

- Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
- TOH and visually inspect 1-1/4" EUE tubing (144 jts, 3023"), if necessary LD tubing and PU workstring. Round-trip 5-1/2" gauge ring or casing scraper to 2880".
- 3. Plug #1 (Pictured Cliffs perforations and Fruitland tops, 2880' 2670'): Set 5-1/2" wireline CIBP at 2880'. TiH with tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 29 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations and to cover Fruitland tops. PUH to 2135'.
- 4. Plug #2 (Kirtland top, 2135' 2036'): Mix 17 sxs Class B cement and spot balanced plug inside casing to cover Kirtland top. TOH with tubing.
- 5. Plug #3 (Ojo Alamo top, 1990' 1890'): Perforate 3 HSC squeeze holes at 2000'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 1954'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 46 sxs Class B cement, squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Ojo Alamo top. TOH with tubing.
- 6. Plug #4 (Nacimiento top, 900' 800'): Perforate 3 HSC squeeze holes at 900'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 850'. Establish rate into squeeze holes. Mlx 46 sxs Class B cement, squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Nacimiento top. TOH with tubing.
- Plug #5 (8-5/8" Surface casing, 131' Surface): Perforate 3 HSC squeeze holes at 181'.
   Establish circulation out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 5-1/2' casing and circulate good cement out bradenhead valve. Shut well in and WOC.
- 8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

## Michener B LS #1

### Proposed P&A

Aztec Pictured Cilffs Extension

NW, Section 33, T-28-N, R-8-W, San Juan County, NM

Lat: \_\_\_\_\_\_ / Long:\_\_\_\_\_

Today's Date: 11/24/99 Spud: 5/14/57

Completed: 5/23/57 Elevation: 6879' (GL)

Nacimiento @ 850

12-1/4" hole

Plug #6 181' - Surface Cmt with 60 sxs Class B

8-5/8" 24#, J-55 Cag set @ 131'
Cmt w/100 exs (Circulated to Surface)

Perforate @ 181"

Cmt Retainer @ \$50°

Plug #4 900' - 800' Cmt with 48 sxs Class B, 29 sxs outside casing and 17 sxs incide.

Perforate @ 900'

Plug #3 1990' - 1890' Cmt with 46 exs Class B, 29 exs outside casing and 17 exs inside.

Crnt Retainer @ 1854'

Perforate @ 1990'

TOC @ 2000' (T.S.)

Plug #2 2135 - 2035 Cmt with 17 sxs Class B

Plug \$1 2680' - 2670' Cmt with 29 see Class B

Set CIBP @ 2920'

Pictured Cliffs Perforations: 2830' - 3038'

5-1/2" 15.5#, J-65 Casing set @ 3082' Cmt with 150 sxs

Ojo Alarno @ 1954

Kirtland @ 2085

Fruitland @ 2720

Pictured Cliffs @ 2980

7-7/8" Hote



## Michener B LS #1

### Current

#### Aztec Pictured Cliffs Extension

NW, Section 33, T-28-N, R-9-W, San Juan County, NM

