Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMENT LEASE DESIGNATION AND SERIAL NO. Contract 116 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. Jicarilla Apache Use "APPLICATION FOR PERMIT-" for such proposals 7. IF UNIT OR CA, AGREEMENT DESIGNATION SUBMIT IN TRIPLICATE Tiger TYPE OF WELL 8. WELL NAME AND NO. OIL WELL GAS WELL X OTHER Tiger #2 NAME OF OPERATOR 9. API WELL NO. CONOCO INC. 30-039-20350 ADDRESS AND TELEPHONE NO 10. FIELD AND POOL, OR EXPLORATORY AREA P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613 Tapacito Picture Cliffs LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 11. COUNTY OR PARISH, STATE 1850' FSL & 1450' FEL, UNIT LETTER "J", Sec. 21, T26N-R3W Rio Arriba County, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Final Abandonment Notice Casing Repair Water Shut-Off Altering Casing Conversion to Injection Other: Dispose Water (Note: Report results of multiple comp letion on Well Completion or 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.) See attached summary. 14. I hereby certify that the foregoing is true and correct TITLE VERLA JOHNSON, As Agent for Conoco Inc. DATE 10-15-99 (This space for Federal or State office use)

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 Unites States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

TITLE - FR-70. E-1. DATE 11/23/88



APPROVED BY

Conditions of approval, if any:

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979 Farmington, New Mexico 87499

505-325-2627 \* Fax: 505-325-1211

October 15, 1999

Conoco Inc.

Tiger #2

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1850' FSL and 1450' FEL, Section 21, T-26-N, R-3-W Rio Arriba County, NM Contract Number 116 API #30-039-20350

Plug & Abandonment Report

### Cementing Summary:

Plug #1 with 50 sxs Class B cement with 2% CaCl<sub>2</sub> from 3826' to 3180' to fill Pictured Cliffs perforations and to cover PC, Fruitland, Kirtland and Ojo Alamo tops.

Plug #2 with retainer at 1680', mix 51 sxs Class B cement, squeeze 39 sxs outside 4-1/2" casing from 1740' to 1640' and leave 12 sxs inside casing to 1590' to cover Nacimiento top.

Plug #3 with a total of 92 sxs Class B cement with 2% CaCl<sub>2</sub>: first filled inside and outside of the casing from 194' to surface with 67 sxs to circulate good cement out bradenhead and casing valves; then shut in bradenhead and squeezed an additional 25 sxs outside the 4-1/2" casing to fill below the casing patch from 144' to 184'.

Plug #3b with 26 sxs Class B cement with 2% CaCl<sub>2</sub> inside 4-1/2" casing from 194' to surface, with good cement returns out casing valve.

#### **Plugging Summary:**

Notified BLM and Jicarilla Tribe on 10-26-99

- 9-27-99 MO,RU. Layout relief line to pit and fence pit. Check well pressures: casing 20# and tubing 10#, bleed well down. SDFD.
- 9-28-99 Safety Meeting. Pressures: tubing 0#, casing and bradenhead 40#, bleed well down. ND wellhead and NU BOP, test. TOH with 119 joints 1-1/4" EUE, 2.4# tubing, total 3846'. RU A-Plus wireline truck and RIH with 3.75" gauge ring, stacked out at 144', POH. RIH with 2.875" gauge ring, stacked out at 144', POH. TIH with 1-1/4" tubing and attempt to work through tight spot, unable to go past 149'. TOH and found bottom joint plugged with shale and mud. TIH with mule shoe on bottom joint and stacked out at 149'. Work tubing to 178' and found tubing going outside 4-1/2" casing. TOH and found bottom joint plugged with shale and mud. Apparently the 4-1/2" casing is parted and fallen over to the side of the hole. Dig out 9-5/8" wellhead and SDFD.
- 9-29-99Company Safety Meeting. ND tubing head and BOP. RU tools for 4-1/2" casing. PU 4-1/2" casing and remove slips. NU change over spool and BOP with 4-1/2" rams. Pull and LD 4-1/2" casing; a 20' piece, then 3 full joints and then a 15' piece that was corroded off. Wait for welder. Weld a shop made 6-1/4" skirt onto the 15' piece of 4-1/2" casing. TIH with 6-1/4" skirt and the 4-1/2" casing; work skirt over parted casing. ND BOP and set 4-1/2" casing in wellhead slips. NU wellhead and BOP. Change over for 1-1/4" tubing, test BOP. TIH with 1-1/4" tubing and 3-7/8" mill; work mill through parted casing at 144'. TOH and LD mill. TIH with open-ended 1-1/4" tubing to 3826'. Shut in well and SDFD.

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1850' FSL and 1450' FEL, Section 21, T-26-N, R-3-W Rio Arriba County, NM

Contract Number 116

API #30-039-20350

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Plug & Abandonment Report

## **Plugging Summary Continued:**

- 9-30-99 Safety Meeting. Pump 18 bbls water down 1-1/4" tubing. Plug #1 with 50 sxs Class B cement with 2% CaCl<sub>2</sub> from 3826' to 3180' to fill Pictured Cliffs perforations and to cover PC, Fruitland, Kirtland and Ojo Alamo tops. TOH with and WOC for 2.5 hours. TIH with tubing and tag cement at 3393'. TOH with tubing. RU A-Plus wireline truck and round trip 4-1/2" gauge to 1755' working through bad casing at 144'. Perforate 3 HSC squeeze holes at 1740'. Set 4-1/2" wireline PlugWell cement retainer at 1680'. TIH and sting into retainer. Establish rate into perforations 1-1/4 bpm at 700#. Plug #2 with retainer at 1680', mix 51 sxs Class B cement, squeeze 39 sxs outside 4-1/2" casing from 1740' to 1640' and leave 12 sxs inside casing to 1590' to cover Nacimiento top. TOH with tubing. Shut in well and SDFD.
- 10-1-99 Safety Meeting. BLM approved leaving the casing patch in the well. Open up well and TIH with tubing to 194'; establish circulation out bradenhead with 38 bbls water. Plug #3 with a total of 92 sxs Class B cement with 2% CaCl<sub>2</sub>: first filled inside and outside of the casing from 194' to surface with 67 sxs to circulate good cement out bradenhead and casing valves; then shut in bradenhead and squeezed an additional 25 sxs outside the 4-1/2" casing to fill below the casing patch from 144' to 184'. TOH and LD tubing. WOC for 2.5 hours. TIH with tubing to 194', no tag. ND bradenhead valve and found BH standing full of cement. Establish circulation out 4-1/2" casing with 5 bbls water. Plug #3b with 26 sxs Class B cement with 2% CaCl<sub>2</sub> inside 4-1/2" casing from 194' to surface, with good cement returns out casing valve. TOH and LD tubing. WOC for 2.5 hours. PU 1 joint tubing and tag cement 15' down. RD tubing equipment and ND BOP. Dig out and cut off wellhead. Mix 15 sxs Class B cement, top off 4-1/2" casing with 2 sxs and install P&A marker. RD rig and equipment; move off location. B. Hammond, Jicarilla Tribe, was on location.