

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO.
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		SF-078863
SUBMIT IN TRIPLICATE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. IF UNIT OR CA. AGREEMENT DESIGNATION Krause WN Federal
2. NAME OF OPERATOR CONOCO INC.		8. WELL NAME AND NO. # 5
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281)-293-1613		9. API WELL NO. 30-045-07206
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1190' FSL - 1625' FWL, SEC.28, T28N - R11W, Unit Letter 'N'		10. FIELD AND POOL, OR EXPLORATORY AREA Basin Dakota
		11. COUNTY OR PARISH, STATE San Juan County, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other: <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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.) SEE ATTACHED A PLUS WELL SERVICE REPORT DATED 11/2/00		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u>Debra Sittner</u> TITLE <u>DEBRA SITTNER, As Agent for Conoco Inc.</u> DATE <u>11/9/00</u> (This space for Federal or State office use)		
APPROVED BY _____ TITLE _____ DATE _____ 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

REPTED FOR RECORD

NOV 14 2000

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Conoco Inc.

November 2, 2000

Krause WN Federal #5

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1190' FSL and 1625' FWL, Section 28, T-28-N, R-11-W

Rio Arriba County, NM

Lease No. SF-078863

API No. 30-045-07206

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 44 sxs Class B cement spotted inside the casing from 6326' to 5750' to fill Dakota perforations and cover top.

Plug #1b with 20 sxs Class B cement inside the casing from 6203' to 5940' to fill remaining perforations.

Plug #2 with 20 sxs Class B cement with 2% CaCl₂ inside casing from 5348' to 5085' to cover Gallup top.

Plug #3 with 24 sxs Class B cement inside casing from 3275' to 2959' to cover Mesaverde top.

Plug #4 with retainer at 1704', mix 185 sxs Class B cement, squeeze 151 sxs outside 5-1/2" casing from 1743' to 1351' and leave 34 sxs inside casing to cover Pictured Cliffs and Fruitland tops with a final squeeze pressure 1000#.

Plug #5&6 with total of 87 sxs Class B cement; first filled inside of 4-1/2" casing from 740' to surface with 63 sxs, circulate good cement to surface; then shut in casing and opened bradenhead valve, continued pumping 24 sxs cement to fill bradenhead annulus from 50' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM on 10-25-00

10-26 Safety Meeting. MO, RU. Layout relief to pit. Open up well and blow down 280# tubing pressure; would not die. Kill tubing with 30 bbls water. ND wellhead and NU BOP, test. PU on tubing and remove tubing hanger. Work tubing to release Halliburton packer, pulled 50,000#. Packer dragging some, let pressure equalize. TOH and tally 195 joints 2-3/8" tubing, total 6283', packer was set at 4179'. RU A-Plus wireline truck and RIH with 4-1/2" gauge ring to 3458', unable to get deeper. Shut in well and SDFD.

10-27 Safety Meeting. Open up well and blow down 100# casing pressure. TIH with 4-1/2" casing scraper; found bad casing at 3458'. Work scraper down 4' then pulled 22,000# to free scraper, 6,000# over string weight; too tight to go deeper. TOH with tubing and LD scraper; drag spring missing bolts. TIH with tubing to 6326' and tag fill. Attempt to circulate well clean, pumped 80 bbls water with no circulation. Procedure change approved by J. Ruybalid with BLM.

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1190' FSL and 1625' FWL, Section 28, T-28-N, R-11-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease No. SF-078863, API No. 30-045-07206

Plugging Summary Continued:

- 10-27:** Continued: Plug #1 with 44 sxs Class B cement spotted inside the casing from 6326' to 5750' to fill Dakota perforations and cover top. PUH to 4500' and WOC. TIH with tubing and tag cement at 6203', cement fell back below top perforations. Attempt to load well, pump 60 bbls water, no circulation or blow out casing valve. Plug #1b with 20 sxs Class B cement inside the casing from 6203' to 5940' to fill remaining perforations. PUH to 4700' and WOC. SI well and SDFD.
- 10-30** Safety Meeting. Open up well, 10# tubing pressure. TIH with tubing and tag cement at 5959'. PUH to 5348' and load casing with 22 bbls water; circulate well clean with 10 additional bbls water. Attempt to pressure test casing, leak 2 bpm at 600#. Plug #2 with 20 sxs Class B cement with 2% CaCl₂ inside casing from 5348' to 5085' to cover Gallup top. PUH to 3850' and WOC. TIH with tubing and tag cement at 5110'. PUH to 3275'. Plug #3 with 24 sxs Class B cement inside casing from 3275' to 2959' to cover Mesaverde top. PUH to 1750' and WOC. SDFD.
- 10-31** Safety Meeting. TIH with tubing and tag cement at 2980'. Pressure test casing to 500# for 5 min, held OK. TOH with tubing. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 1743'. Establish rate into squeeze holes 2 bpm at 1500#. TIH with tubing and set 4-1/2" DHS cement retainer at 1704'. Pressure test tubing to 1000# for 5 min, held OK. Establish rate into squeeze holes 2 bpm at 1500#. Plug #4 with retainer at 1704', mix 185 sxs Class B cement, squeeze 151 sxs outside 5-1/2" casing from 1743' to 1351' and leave 34 sxs inside casing to cover Pictured Cliffs and Fruitland tops with a final squeeze pressure 1000#. TOH with tubing. Perforate 3 HSC squeeze holes at 690'. Attempt to establish rate into squeeze holes, pressured up to 1800# and bled down to 1500# in 5 min, unable to establish rate. Attempt to pump into bradenhead, pumped 3 bbls and then it pressured up to 1000#, held OK for 5 min. J. Ruybalid with BLM approved inside only for plug #5 and to combine with the surface plug #6. Perforate 3 HSC squeeze holes at 422'. Attempt to establish circulation out bradenhead valve, pumped 20 bbls water at 2 bpm at 1000# with circulation or blow out the bradenhead. J. Ruybalid with BLM requested a set of perforation at 50'. Perforate 3 HSC squeeze holes at 50'. Pump and establish circulation out bradenhead with 2 bbls water. TIH with open-ended tubing to 740'. Plug #5&6 with total of 87 sxs Class B cement; first filled inside of 4-1/2" casing from 740' to surface with 63 sxs, circulate good cement to surface; then shut in casing and opened bradenhead valve, continued pumping 24 sxs cement to fill bradenhead annulus from 50' to surface, circulate good cement out bradenhead. Shut in bradenhead valve and TOH and LD tubing. ND BOP, then dig out and cut off wellhead. Found cement down 5' in 4-1/2" casing and the annulus full. Mix 12 sxs Class B cement to fill casing and install P&A marker. RD and MOL. J. Ruybalid with BLM, was on location.