

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. NMSF-078863 | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--------------------|----------------|--|---|--------------------------------------|--|---|---------------------------------------|---|---|--|---|--|--|---|--|--|--|--|--|--|
| SUBMIT IN TRIPLICATE | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 015 | | | | | | | | | | | | | | | | | | | | | |
| 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. #4 | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613 | | 9. API WELL NO. 30-045-07087 | | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 800' FNL - 1590' FEL, Sec. 33, T28N-R11W, Unit Letter 'B' | | 10. FIELD AND POOL, OR EXPLORATORY AREA Basin Dakota | | | | | | | | | | | | | | | | | | | | | |
| 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | 11. COUNTY OR PARISH, STATE San Juan County, NM | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>TYPE OF SUBMISSION</th><th colspan="2">TYPE OF ACTION</th></tr></thead><tbody><tr><td><input type="checkbox"/> Notice of Intent</td><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> Change of Plans</td></tr><tr><td><input checked="" type="checkbox"/> Subsequent Report</td><td><input type="checkbox"/> Recompletion</td><td><input type="checkbox"/> New Construction</td></tr><tr><td><input type="checkbox"/> Final Abandonment Notice</td><td><input type="checkbox"/> Plugging Back</td><td><input type="checkbox"/> Non-Routine Fracturing</td></tr><tr><td></td><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Water Shut-Off</td></tr><tr><td></td><td><input type="checkbox"/> Altering Casing</td><td><input type="checkbox"/> Conversion to Injection</td></tr><tr><td></td><td><input checked="" type="checkbox"/> Other: Plug & Abandonment</td><td><input type="checkbox"/> Dispose Water</td></tr></tbody></table> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small> | | | TYPE OF SUBMISSION | TYPE OF ACTION | | <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction | <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing | | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off | | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection | | <input checked="" type="checkbox"/> Other: Plug & Abandonment | <input type="checkbox"/> Dispose Water |
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| 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.) PLEASE SEE ATTACHED P&A REPORT FROM A-PLUS WELL SERVICE. | | | | | | | | | | | | | | | | | | | | | | | |
| 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>11-2-00</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

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A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499
505-325-2627 * FAX: 505-325-1211

Conoco Inc.

October 25, 2000

Krause WN Federal #4

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800' FNL and 1590' FEL, Section 33, T-28-N, R-11-W
Rio Arriba County, NM
Lease No. SF -078863
API No. 30-045-07087

Plug & Abandonment Report

Cementing Summary:

Plug #1 with existing retainer at 6282', spot 12 sxs Class B cement inside casing up to 6124' to isolate Dakota perforations.

Plug #2 with 12 sxs Class B cement with 2% CaCl_2 inside casing from 5476' to 5318' to cover Gallup.

Plug #3 with 12 sxs Class B cement inside casing from 3401' to 3243' to cover Mesaverde top.

Plug #4 with 12 sxs Class B cement inside casing from 1892' to 1734' to cover Pictured Cliffs top.

Plug #5 with retainer at 1511', mix 51 sxs Class B cement, squeeze 45 sxs outside 4-1/2" casing from 1586' to 1486' and leave 6 sxs cement inside casing to 1432' to cover Fruitland top.

Plug #6 with 113 sxs Class B cement pumped down the 4-1/2" casing, squeezed 91 sxs outside casing from 846' to 610' and left 22 sxs inside casing at 550' with a final squeeze of 1300#.

Plug #7 with 68 sxs Class B cement from 503' to surface, circulate good cement out casing and bradenhead.

Plugging Summary:

Notified BLM on 10/18/00

- 10-18** Road rig to location. Held JSA Meeting. RU rig. Open up well and blow down 20# casing and tubing pressures. ND wellhead and NU BOP with x-over spool; test. PU on tubing and remove tubing hanger. PU 1 10' sub and tag 4-1/2" CIBP at 6282'. Load casing with 10 bbls water and circulate hole clean with additional 20 bbls. Attempt to pressure test casing to 700#, bleed down to 0# in 7 min. Plug #1 with existing retainer at 6282', spot 12 sxs Class B cement inside casing up to 6124' to isolate Dakota perforations. PUH above cement. Shut in well and WOC. SDFD.
- 10-19** Safety Meeting. TOH and tally 199 joints 2-3/8" tubing, total 6261'. TIH with tubing and tag cement at 6197'. J. Ruybalid, BLM, approved volume of plug #1. PUH to 5476'. Load casing and circulate well clean. Attempt to pressure test casing to 700#, bled down to 0# in 7 min. Plug #2 with 12 sxs Class B cement with 2% CaCl_2 inside casing from 5476' to 5318' to cover Gallup top. PUH and WOC due to casing leak. TIH and tag cement at 5295'. PUH to 3401'. Load casing with water circulate some drilling mud and grayish water out of well. Attempt to pressure test to 500#, bled down to 150# in 4 min. Plug #3 with 12 sxs Class B cement inside casing from 3401' to 3243' to cover Mesaverde top. PUH and WOC. Shut in well and SDFD.

A-PLUS WELL SERVICE, INC.

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800' FNL and 1590' FEL, Section 33, T-28-N, R-11-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease No. SF -078863, API No. 30-045-07087

Plugging Summary Continued:

- 10-20** Safety Meeting. TIH with tubing and tag cement at 3285', TOH 1892'. Load casing with water and pressure test to 500# for 10 min, held OK. Plug #4 with 12 sxs Class B cement inside casing from 1892' to 1734' to cover Pictured Cliffs top. TOH. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 1586'. Establish rate into squeeze holes 1-1/2 bpm at 1100#. Set 4-1/2" PlugWell retainer at 1511'. TIH with tubing and sting into retainer at 1511'. Attempt to establish rate into squeeze holes; broke circulation out casing valve with 700# pump pressure. Sting out of retainer and test casing to 1000#, held OK. TOH with 10 joints tubing and found 3 pinholes in tubing. Replace bad joints and TIH. Sting back into retainer and attempt to establish rate into perforations; same results. TOH and found another pinhole in tubing. Sting into retainer and establish rate into squeeze holes 1-1/2 bpm at 1000#, no circulation. Plug #5 with retainer at 1511', mix 51 sxs Class B cement, squeeze 45 sxs outside 4-1/2" casing from 1586' to 1486' and leave 6 sxs cement inside casing to 1432' to cover Fruitland top. TOH with tubing. Perforate 3 HSC squeeze holes at 845'. Establish rate into squeeze holes 1-1/4 bpm at 2000#. Procedure change to bullhead cement for plug #6 approved by J. Ruybalid, BLM. Plug #6 with 113 sxs Class B cement pumped down the 4-1/2" casing, squeezed 91 sxs outside casing from 846' to 610' and left 22 sxs inside casing at 550' with a final squeeze pressure of 1300#. Shut in well and WOC. SDFD.
- 10-23** Safety Meeting. Open up well and TIH; tag cement at 506'. TOH and LD tubing. Perforate 3 HSC squeeze holes at 403'. Attempt to establish circulation out bradenhead, pressured up to 1000#, no circulation. Attempt to pump down bradenhead, pressured up to 1500# with no circulation out casing. J. Ruybalid, BLM, required perforation at 353'. Perforate 3 HSC squeeze holes at 353. Attempt to pump into squeeze holes at 353', pressured up to 1000#, no circulation. Perforate 3 HSC squeeze holes at 150', no circulation out bradenhead, pumping 1-1/2 bbls at 1000#. Perforate 3 HSC squeeze holes at 50' and establish circulation out bradenhead. TIH with tubing to 503'. Plug #7 with 68 sxs Class B cement from 503' to surface, circulate good cement out casing and bradenhead. TOH and LD tubing. Shut in well and WOC. Partially RD and dig out wellhead. Attempt to cut off wellhead. Shut down due to weather.
- 10-24** Safety Meeting. Finish cutting off wellhead, found cement at surface in casing and annulus. Mix 10 sxs Class B cement and install P&A marker. RD rig and equipment; move off location.
J. Ruybalid, BLM, was on location.