

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

COPY

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 046563
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 McLeod
2. NAME OF OPERATOR CONOCO INC.		8. WELL NAME AND NO. McLeod #2E
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613		9. API WELL NO. 30-045-24054
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1530' FNL & 930' FWL, UNIT LETTER "E", SEC. 34, T28N-R10W		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 SUMMARY.		
14. I hereby certify that the foregoing is true and correct SIGNED <u>Verla Johnson</u> TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>4-7-00</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

FOR RECORD

PR 1 2000

SM OFFICE

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

Conoco Inc.

McLeod #2E

Unit E, SW,NW, Section 34, T-28-N, R-10-W

San Juan County, NM

SF-046563, API 30-045-24054

March 31, 2000

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Plug & Abandonment Report

Cementing Summary:

Plug #1 with CIBP at 6300', spot 12 sxs Class B cement above to 6194' to cover Dakota interval.

Plug #2 with retainer at 5469', mix and pump 57 sxs Class B cement, squeeze 37 sxs outside 5-1/2" casing from 5532' to 5432' and leave 20 sxs with 2% CaCl₂ inside casing up to 5292' to cover Gallup top.

Plug #3 with retainer at 3394', mix 99 sxs Class B cement, squeeze 87 sxs outside 5-1/2" casing from 3574' to 3350' and leave 12 sxs inside casing to 3288' to cover Mesaverde top.

Plug #4 with retainer at 2892', mix 47 sxs Class B cement, squeeze 35 sxs outside 5-1/2" casing from 2940' to 2840' and leave 12 sxs inside casing to 2786' to cover Chacra top.

Plug #5 with 18 sxs Class B cement inside casing from 2014' to 1855' to cover Pictured Cliffs top.

Plug #6 with retainer at 1697', mix 48 sxs Class B cement, squeeze 36 sxs outside 5-1/2" casing from 1755' to 1655' and leave 12 sxs inside casing to 1591' to cover Fruitland top.

Plug #7 with retainer at 1100', mix 117 sxs Class B cement, squeeze 86 sxs outside 5-1/2" casing 1152' to 881' and leave 31 sxs inside casing to 826' to cover Ojo Alamo top.

Plug #8 with 123 sxs Class B cement pumped down the 5-1/2" casing from 362' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM on 3/2/00

3-02-00 MO, RU. Safety Meeting. Layout relief line to pit and fence pit. Check well pressures: casing 1050#, tubing 600# and bradenhead 50#; blow well down. ND wellhead and PU on tubing; remove wrap-around donut. Strip on BOP and test. RU tubing equipment for 2-3/8" tubing. PU on tubing and pump 40 bbls water down tubing to work packer free. TOH with 204 joints 2-3/8" tubing and LD Model "R" packer, total 6,416'. Shut in well and SDFD.

3-03-0 Safety Meeting. Open up well and blow down 1000# casing pressure. RU A-Plus wireline truck and set 5-1/2" DHS CIBP at 6300'. Held Safety Meeting with Conoco representatives. TIH with tubing and tag CIBP at 6300'. Install pit liner. Load casing with 175 bbls water and circulate hole clean. Attempt to pressure test casing, leak 1-1/2 bpm at 200#. Plug #1 with CIBP at 6300', spot 12 sxs Class B cement above to 6194' to cover Dakota interval. TOH to 5420' and WOC overnight due to casing leak. SDFD.

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Plug & Abandonment Report

Plugging Summary Continued:

- 3-06-00 Safety Meeting. TIH with tubing, tag cement at 6203'. Load casing and attempt to pressure test, leak 1-1/2 bpm at 200#. TOH with tubing. Perforate 3 HSC squeeze holes at 5532'. Set 5-1/2" DHS retainer at 5469'. Load casing with 8 bbls water and attempt to pressure test, leak 1-1/2 bpm at 200#. Sting into retainer and establish rate into 1-1/4 bpm at 800#. Plug #2 with retainer at 5469', mix and pump 57 sxs Class B cement, squeeze 37 sxs outside 5-1/2" casing from 5532' to 5432' and leave 20 sxs with 2% CaCl₂ inside casing up to 5292' to cover Gallup top. TOH with tubing to 4650' and WOC due to casing leak. TIH and tag cement at 5297'. Attempt to pressure; leak 1-1/2 bpm at 200#. TOH with tubing. SI well and SDFD.
- 3-07-00 Safety Meeting. Open well. Perforate 3 HSC squeeze holes at 3574'. Set 5-1/2" PlugWell cement retainer at 3394'. TIH with stinger. Load casing with 5 bbls water and PT to 500# to 5 min, held OK. Sting into CR and establish rate into squeeze holes 1-1/2 bpm at 200#. Plug #3 with retainer at 3394', mix 99 sxs Class B cement, squeeze 87 sxs outside 5-1/2" casing from 3574' to 3350' and leave 12 sxs inside casing to 3288' to cover Mesaverde top. TOH with tubing. Perforate 3 HSC squeeze holes at 2940'. Set DHS CR at 2892'. Establish rate into squeeze holes 2 bpm at 300#. Plug #4 with retainer at 2892', mix 47 sxs Class B cement, squeeze 35 sxs outside 5-1/2" casing from 2940' to 2840' and leave 12 sxs inside casing to 2786' to cover Chacra top. Plug #5 with 18 sxs Class B cement inside casing from 2014' to 1855' to cover Pictured Cliffs top. TOH with tubing. Perforate 3 HSC squeeze holes at 1755'. Establish rate into squeeze holes 1-1/4" bpm at 900#. TIH with 5-1/2" Arrow retainer to 1257' and leave hanging. Shut in well and SDFD.
- 3-8-00 Safety Meeting. Finish TIH with retainer and set at 1697'. Establish rate into squeeze holes 1-1/4 bpm at 700#. Plug #6 with retainer at 1697', mix 48 sxs Class B cement, squeeze 36 sxs outside 5-1/2" casing from 1755' to 1655' and leave 12 sxs inside casing to 1591' to cover Fruitland top. TOH with tubing. Perforate 3 HSC squeeze holes at 1152'. Establish rate into squeeze holes 3/4 bpm at 1200#. TIH with tubing and set 5-1/2" Baker CR at 1100'. Establish rate into perforations 3/4 bpm at 1200#. Plug #7 with retainer at 1100', mix 117 sxs Class B cement, squeeze 86 sxs outside 5-1/2" casing 1152' to 881' and leave 31 sxs inside casing to 826' to cover Ojo Alamo top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 362'. Establish circulation out bradenhead with 11 bbls water. Plug #8 with 123 sxs Class B cement pumped down the 5-1/2" casing from 362' to surface, circulate good cement out bradenhead. Shut in well and WOC. Open well and ND BOP. Dig out and cut off wellhead; found cement at surface. Mix 5 sxs Class B cement and install P&A marker. RD rig and equipment; move off location. M. Kecman, BLM, was location.