

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)
APR 16 1987

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

C-0946

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

McCallum

8. FARM OR LEASE NAME

McCallum Unit

9. WELL NO.

32

10. FIELD AND POOL, OR WILDCAT

McCallum/Dakota-Lakota

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 4, T9N, R79W

12. COUNTY OR PARISH

Jackson

13. STATE

Colorado

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Conoco Inc.



3. ADDRESS OF OPERATOR
907 North Poplar Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2,350' FSL, 500' FEL (NE/SE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

8,098' GR, 8,109' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Recomplete

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)*

It is proposed to recomplete the subject well in an attempt to identify the source of green oil production. The work will be performed as follows:

- 1) Release packer and POOH. RIH with a cement squeeze retainer and set at \pm 5,750' KBM.
- 2) Squeeze Dakota-Lakota perms with 15 sacks of Class "G" cement. Displace out of retainer with 33.3 bbl. lease water. Sting out of retainer and reverse clean.
- 3) POOH. RIH with a Baker Model "C" packer on 2 7/8" tubing to \pm 5,700'. Pull up hole every 500' to test for leak. Isolate leak and set packer \pm 100' above leak
- 4) Rig up loggers and run a static differential temperature survey. After running survey swab well.
- 5) Based upon location of fluid flow (especially if survey indicates from below 4,000' KBM) prepare to squeeze as recommended below.
- 6) POOH with tubing and packer. RIH with perforating gun and perforate one foot, 100' below fluid entry point and one foot, 100' above fluid entry point at 4 JSPF.
- 7) RIH with cement squeeze retainer on tubing and set \pm 50' above bottom squeeze perms. Establish an injection rate of 5-6 BPM through perms.
- 8) Mix and pump 40 sacks of Class "G" cement containing 0.5% CFR-2 and 3% CaCl₂.
- 9) Shut down, sting out of retainer and reverse clean. POOH. WOC 12 hours.

(continued)

18. I hereby certify that the foregoing is true and correct

SIGNED

J. C. Johnson

TITLE

Administrative Supervisor

DATE 4-10-87

(This space for Federal or State office-use)

APPROVED BY

G. A. [Signature]

TITLE

SUPR. PETROLEUM ENGINEER

Oil & Gas Cons. Comm.

DATE

APR 1 1987

CONDITIONS OF APPROVAL, IF ANY:

BLM-Craig (3)
COGCC-(2)
File 4215 (SJM)

*See Instructions on Reverse Side

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COLO. OIL & GAS CONS. COMM

Sundry Notice
McCallum Unit #32
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- 10) RIH with a squeeze packer containing an internal bypass. Set packer $\pm 150'$ above top squeeze hole.
- 11) Establish an injection rate into perfs at 5-6 BPM. Mix and pump 60 sacks Class "G" cement containing .05% CFR-2 and 3% CaCl_2 . Displace out of packer with 2% KCl water at 2 BPM.
- 12) Cut rate to 1 BPM, displace 1 BW and shut-down for 30 minutes. Displace 1 BW at $\frac{1}{4}$ to $\frac{1}{2}$ BPM. Shut down for 30 minutes. Continue hesitation process until a squeeze pressure of 700 psi is reached.
- 13) Open bypass on packer and reverse clean. Close bypass and shut well in with 700 psi overnight. WOC 12 hours.
- 14) Release packer and POOH. RIH with bit and drill out cement. Clean out to retainer set above bottom perf. POOH.
- 15) RIH with packer on tubing and set $\pm 100'$ above top squeeze hole. Test to +500 psi. Resqueeze if necessary. POOH.
- 16) Run a GR-CCL over zone of fluid entry indicated by temperature survey. RIH with perforating gun and perforate interval at 2 JSPF.
- 17) RIH with a Baker Model "G" production packer on tubing. Set $\pm 100'$ above top perf.
- 18) Run rods and pump and put well on test.