

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T., R., M. or Survey Description)

Section 34, T-28-N, R-10-W, L
1700' FSL & 1050' FWL

5. Lease Designation and Serial No.

SF 046563

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

McLeod #2

9. API Well No.

30-045-06997

10. Field and Pool, or Exploratory Area

Basin Dakota (71599)

11. County or Parish, State

San Juan, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☒ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion 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.)*

It is proposed to use the attached procedure to squeeze this well in order to fix the leak in the casing.

RECEIVED
JUL 29 1998
OIL CON. DIV.
DIST. 3

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

Signed

Kay Maddox

Title

Kay Maddox

Regulatory Agent

Date

July 20, 1998

(This space for Federal or State office use)

Approved by

PM Leland

Title

Pet Eng

Date

7/24/98

Conditions of approval, if any

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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

McLeod #2
Cement Squeeze and Completion Optimization.
July 16, 1998

Completion Details **PBTD= 6,580' TD= 6,666'**

Surface Casing: 9-5/8", 32.3#, STC, H-40 J, set @ 253', cmt. w/225 sxs class B.

Production Casing: 5-1/2", 15.5#, STC, K-55, set @ 6666' KB, 1st stg cmt w/250 sx 50/50 Pozmix TOC @ 5614', DV tool @ 2,166', 2nd stg cmt w/100 sx 50/50 Pozmix 6% gel TOC @ 1714'.

Production Tubing: 2-3/8", 4.7#, J-55, set @ 6564' open ended.

Perforations: Dakota 6394' – 6410', 6422' – 6438', 6478' – 6530'

PROCEDURE

1. Pre Work

- A. Locate and test deadman anchors. Spot flowback pit (20x20) and prepare. Inform operator of work to be done and time frame. Check for location size and equipment placement. Identify any hazards (power lines, H2S, tight equipment fits).
- B. Have pressure gauges on both casing and tubing when necessary (during acid, frac, testing).
- C. Hold Safety Meeting before rigging up to discuss potential hazards and meeting place in case of an emergency.

2. Pull Tubing/ Set BP/ Test Casing

- A. RU. Blow well down (both backside & tbg) and kill with minimum amount of 1% KCl. NU BOP's
- B. POOH 6564' of 2 3/8", 4.7# , J-55 production tubing standing back and inspecting for obstructions.
- C. RIH with 4-3/4" bit and scraper to clean out to PBTD @ 6580'
- D. RIH with work string, test packer, and RBP, set RBP @ 6350' and test, move up testing casing for leaks, if leak discovered test from top down to determine interval length and consult engineering.
- E. If no leak discovered run tubing, swab well in, put on production.

3. If Leak is Isolated and Appears to be Repairable, Squeeze Cement, if not proceed to Step 5.

- A. Cover RBP with sand
- B. RIH with cement retainer and work string and set above leak.
- C. Establish circulation with 1% KCl.
- D. Pump gel sweep pill and cement as per BJ's procedure.
- E. Unsting from retainer, circulate clean with water and POOH, WOC.

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4. Drill Out & Clean Out to Sand above RBP

- A. Pick up bit, RIH with work string and 4-3/4" bit drill out cement to sand above RBP @ 6350'. POOH work string standing back.
- B. RIH production tubing with SN and mule shoe on bottom, land end of tubing at mid perms @ (6467').
- C. Swab well in if necessary and inform operator to put on plunger lift.

5. RIH 4-1/2" IJ Slimhole Pipe & Cement to Surface

- A. RIH work string and circulate sand off top and pull RBP @ 6,350' and POOH.
- B. RIH work string and dump sand on top perforated interval tagging until sand is at or above 6360'.
- C. RIH Float shoe on bottom of 4-1/2" IJ slim hole pipe tag sand and hang.
- D. Establish circulation with 1% KCl to surface, pump dyed water ahead of cement, pump 20% excess cement volume to ensure cement to surface. Reciprocate pipe to ensure good cement bond.
- E. WOC, cut casing and nipple up wellhead.

6. Drill Out/Clean Out to PBTD, Run Tubing, Swab in, put on Production.

- A. RIH with work string and 3-3/4" bit and drill out shoe and clean out sand over producing interval to PBTD. POOH work string.
- B. RIH 2-3/8" . 4.7#, J-55, production tubing and land mid-perfs @ 6,467' with SN & mule shoe on bottom.
- C. Swab well in if necessary and install plunger lift equipment.
- D. Notify operator to put back on production to sales.

West Area Team

Cc: Well File, Tom Lentz, Linda Hernandez, Gilbert Hughes (Farmington)