

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

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.

1999 DEC - 9 PM 1:11

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Amoco Production Company Attn: Mary Corley

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 77253 (281) 366-4491

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

1660' FNL & 810' FWL Sec 14. T31N R11W Unit E

5. Lease Designation and Serial No.

SF - 078051

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mudge Com B 2

9. API Well No.

30-045-24040

10. Field and Pool or Exploratory Area

Basin Dakota/Blanco Mesaverde

11. County or Parish, State

San Juan New Mexico

12. 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

Add Mesaverde and Downhole Commingle

(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.)*

Amoco Production Company request permission to perf the Blanco Mesaverde formation in the subject well and commingle production downhole with the existing Basin Dakota formation as per the attached procedure.

RECEIVED
DEC 22 1999
OIL CON. DIV.
DIST. 3

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

Signed Mary Corley Title **Sr. Business Analyst**

Date **12/07/99**

(This space for Federal or State office use)

Approved by _____ Title _____

Date **12/20/99**

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 Instructions On Reverse Side

NMOCD

Mudge Com B #2 Recompletion Procedure

Procedure:

1. Check anchors. MIRU.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. If necessary, kill with 2% KCL water.
4. Nipple down WH. NU BOPs.
5. Tag and tally OH with 2-3/8" production tubing set at 7082' Inspect tbg while POOH.
6. TIH with bit and scraper for 4-1/2" casing.
7. RU WL unit and lubricator. TIH and set CIBP at 5350'. Load hole with 2% KCL.
8. Run CBL over MV interval (4100' - 5300') to ensure zonal isolation across the MV. Fax CBL results to James Dean @ 281-366-7143. If cement coverage is inadequate for the recompletion, perform squeeze job based on CBL results.
9. Pressure test casing to 1500 psi.
10. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.
PL/Lower MF Perforations: 4825', 4835', 4885', 4930', 4945', 4990', 4995', 5013', 5020', 5030', 5040', 5055', 5070', 5100', 5145', 5170', 5190'
11. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
Contingency: If injection pressures are too high and no break back is seen with the 500 gal HCL acid, prepare and pump balloff procedure.
13. Flowback frac immediately.
14. RU WL and set CIBP between Point Lookout and Cliffhouse at 4710'.
15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
CH/Upper MF Perforations: 4235', 4255', 4265', 4315', 4355', 4370', 4390', 4420', 4450', 4465', 4475', 4490', 4505', 4515', 4525', 4532', 4555', 4570', 4580'
16. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.

17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.

Contingency: If injection pressures are too high and no break back is seen with the 500 gal HCL acid, prepare and pump balloff procedure.

18. Flowback frac immediately.

19. TIH with tubing and bit. Drill bridge plugs and cleanout fill to PBTD at 7300'.

20. TIH with 2-3/8" production tubing and land at 7200'. Run 2-3/8" blast joints across MV perforated intervals.

21. ND BOP's. NU WH. Return downhole commingled well to production.

Mudge Com B #2

Sec 14, T31N, R11W

GL: 6048'

History:

Completed in 5/80

Original Dakota Perforations

7110 - 7122' 2 spf
7200 - 7219' 2 spf
7232 - 7219' 2 spf
7254 - 7260' 2 spf
7282 - 7285' 2 spf

est. TOC @ surface (circ)

9-5/8" 36#, K55 @ 212'
200 sacks cmt

est. TOC @ surface' (circ)

Top of 4-1/2" liner @ 3039'
TIW liner top hanger

7" 23#, K55 ST&C @ 3204'
650 sxs cmt

est. TOC 3039 (liner top)

Tubing: 2-3/8" 4.7#, J55 @ 7082'

4-1/2", 10.5#, K55, ST&C (3039' - 6902')

4-1/2", 11.6#, J55, ST&C (on btm, 6902'-7316')

500 sacks cmt

PBTD: 7300'

4-1/2" Cement Job Notes:

- good circulation during cmt job
- 9 bbls cmt reversed off liner top
- 950 psi lift pressure

updated: 8/23/99 jad