

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

RECEIVED
SEP 21 1993

5. Lease Designation and Serial No.

USA SF 078416 A

6. Indian, Allottee or Tribe Name

7. Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well
☒ Gas Well
☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

3. Address and Telephone No.

P.O. BOX 3092 HOUSTON, TX 77253

281-366-4491

8. Well Name and No.

Wilch A

3

9. API Well No.

30-045-23342

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/Basin Dakota

11. County or Parish, State

SAN JUAN

NEW MEXICO

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

920' FNL

1800' FEL

Sec. 23 T 29N R 8W

UNIT B

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other And Downhole Commingle

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.)

Amoco Production Company request permission to recomplete to the Mesaverde and downhole commingle the existing Dakota production with the new Mesaverde completion as per the attached Well Work Procedure.

Should you have any technical question please contact James Dean @ 281-366-5723. For administrative issues please contact Mary Corley @ 281-366-4491.

RECEIVED
OCT 20 1999
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Mary Corley

Title

Sr. Business Analyst

Date

08-23-1999

(This space for Federal or State office use)

Approved by

W.D. Townsend

Title

Act. Team Lead

Date

9-28-99

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

Wilch A #3
Well Work Recompletion Procedure

Note: 4-1/2" production liner is mixed string of 11.6# and 10.5#

- 1. Check anchors. MIRU.**
- 2. Check and record tubing, casing, and bradenhead pressures.**
- 3. Blow down wellhead. If necessary, kill with 2% KCL water.**
- 4. Nipple down WH. NU BOPs. Pressure test to 500 psi.**
- 5. Tag for fill, tally OH, and visually inspect 2-3/8" production tubing landed at 7857'.**
- 6. RIH with bit and scraper for 4-1/2" casing. Work casing scraper over packer setting depths and new perforations.**
- 7. RU slickline. Set drillable BP +/- 6200'.**
- 8. Load the hole with 2% KCL. Pressure test casing to 500 psi.**
- 9. Run CBL over MV interval (5750' - 4900') to ensure zonal isolation and obtain a free pipe reading uphole for comparison. Fax CBL results to James Dean in Houston at fax # (281) 366-7143.**
- 10. Perforate the Point Lookout interval with 120 degree phasing and 2 spf (26 total shots). Correlate perforating guns to the enclosed log.
Perforation depths: 5538', 5572', 5576', 5586', 5590', 5604', 5610', 5628', 5632', 5650', 5654', 5684', and 5688'**
- 11. RU frac equipment to frac down casing. Spearhead 750 gal HCL and establish injection rate into the Point Lookout and proceed with fracture stimulation (use 2% KCL water in frac).
Contingency: If injection pressure does not break after pumping the 750 gal HCL, prepare and pump balloff procedure.**
- 12. Flowback immediately until well logs off.**
- 13. TIH with drillable BP and set BP at 5400'.**
- 14. Perforate the Cliffhouse interval with 120 degree phasing and 1 spf (15 total shots). Correlate perforating guns to the enclosed log.
Perforation depths: 5020', 5024', 5028', 5032', 5052', 5056', 5064', 5080', 5082', 5116', 5128', 5132', 5136', 5140', and 5158'**
- 15. RU frac equipment to stimulate down casing. Spearhead 750 gal HCL and establish injection rate into the Cliffhouse and proceed with fracture stimulation (use 2% KCL water in frac).
Contingency: If injection pressure does not break after pumping the 750 gal HCL, prepare and pump balloff procedure.**
- 16. Flowback immediately until well logs off.**
- 17. TIH, cleanout fill, and drill up bridge plugs set at 5400' and 6200'.**
- 18. TIH with 2-3/8" production tubing and land tubing at +/- 7850'.**
- 19. ND BOP's. NU WH. Return well to production and commingle MV and Dakota.**

(Over)

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

311 South First., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|---|----------------------------|--|
| API Number 30-045-23342 | | Pool Code 72319 & 71599 | Pool Name Blanco Mesaverde & Basin Dakota |
| Property Code 001215 | Property Name Wilch A | | Well Number 3 |
| OGRID No. 000778 | Operator Name AMOCO PRODUCTION COMPANY | | Elevation 6712' GR |

Surface Location

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|----------|
| UNIT B | 23 | 29N | 8W | | 920 | NORTH | 1800 | EAST | San Juan |

Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------------------|---------|-----------------|--------------------|----------|---------------|------------------|---------------|----------------|--------|
| Dedicated Acreage: 320 | | Joint or Infill | Consolidation Code | | Order No. | | | | |

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

| | |
|-----------------------------|--|
| | OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. |
| | Signature |
| | Printed Name Mary Corley |
| | Position Sr. Business Analyst |
| Date 10/19/1999 | |
| | SURVEY CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. |
| | <div style="border: 1px solid black; height: 20px; width: 100%;"></div> |
| | Date of Survey |
| | Signature & Seal of Professional Surveyor <div style="border: 1px solid black; padding: 5px; text-align: center;">Fred B. Kerr, Jr.</div> |
| Certificate No. 3950 | |

BLM CONDITIONS OF APPROVAL

Operator Amoco Production Company

Well Name Wilch A #3

Legal Location 920' FNL/1800' FEL

Sec. 23, T. 29 N, R. 8 W.

Lease Number SF-078416 A

Field Inspection Date n/a

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to the BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during workover activities and not in use for production activities, will be reseeded the first July-September period after the well has been put back into production. This should occur in the first 12 months after completion of work-over activities.

SPECIAL STIPULATIONS:

- 1 **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **Empty and reclaim pit after work completed.**

Conditions of Approval:

Notice of Intent to Recomplete & Commingle

Amoco Production Company
No. 3 Wilch A
920' FNL & 1800' FEL
Sec 23-29N-8W

- 1) Notify the Farmington District Office Inspection and Enforcement Division @ (505) 599-8907 within 24 hours prior to commencing recompletion operations.
- 2) Prior to commencing recompletion operations, BOPE must be installed and tested in accordance with the requirements outlined in Onshore Order No. 2.
- 3) Within 30 days of completion of the operations as proposed, file one original and three copies of Sundry Notice (form 3160-5) providing a detailed description of the operations conducted. In addition, file an original and three copies of Well Completion Report (form 3160-4) for the Mesaverde Formation.
- 4) File appropriate allocation factors for down hole commingling upon obtaining adequate well test data from the Dakota and the Mesaverde formations. Supporting technical data used to determine the allocation factors should include the following:
 - Well bore diagram
 - Formation Production Tests
 - Gas Analysis
 - Pressure Data corrected to a common datum
 - Any other supporting data