

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ OIL
WELL

☒ GAS
WELL

☐ OTHER

2. Name of Operator

Amoco Production Company

Mary Corley

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 772533

(281) 366-4491

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

845' FSL & 2175' FWL Sec. 8 T29N R8W Unit N

5. Lease Designation and Serial No.

SF 078414

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Day 4E

9. API Well No.

30-045-25323

10. Field and Pool or Exploratory Area
Blanco Mesaverde/Basin
Dakota

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

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 complete the subject well into the Mesaverde formation and commingle production down hole with the existing Dakota completion as per the attached procedure.

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

Signed

Mary Corley

Title Sr. Business Analyst

Date

02/03/00

(This space for Federal or State office use)

Approved by

Title

Date

6/1/00

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

AMOCO

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 30-045-25323	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 000417	Property Name Day	Well Number 4E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6350' 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 N	8	29N	8W		845'	SOUTH	2175'	WEST	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: 311.91	Joint or Infill	Consolidation Code	Order No.
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**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 Position Sr. Business Analyst Date 02/03/2000
	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. Date of Survey 07/15/1981 Signature & Seal of Professional Surveyor Certificate No. 3950

Day #4E 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 7408'.
6. TIH with bit and scraper for 4-1/2" liner.
7. TIH with CIBP on tubing and set at 5500'. Load hole with 2% KCL.
8. Run CBL over MV interval (4500' - 5400') to ensure zonal isolation across the MV.
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: 5074', 5080', 5086', 5092', 5130', 5135', 5186', 5192', 5224',
5226', 5234', 5238', 5248', 5252', 5261', 5268', 5274', 5278',
5300', 5304', 5314', 5318'
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.
13. Flowback frac immediately.
14. RU WL and set CIBP between Point Lookout and Cliffhouse at 4925'.
15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
CH/Upper MF Perforations: 4614', 4625', 4630', 4636', 4644', 4648', 4660', 4663', 4672',
4676', 4687', 4690', 4704', 4719', 4726', 4734', 4736',
4774',
4778', 4800', 4804'
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.
18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill and drill bridge plugs.
21. TIH with 2-3/8" production tubing and land at 7350'.
22. ND BOP's. NU WH. Return commingled well to production.

Day #4E

Sec 8, T29N, R8W

KB: 6362'

History:

Completed in 5/82

- 2-3/4 deg max deviation
- 6-1/4" OH drilled with air without problems

Original Dakota Perforations

7300 - 7310' 1 spf
7316 - 7328' 1 spf
7447 - 7451' 2 spf
7476 - 7478' 2 spf
7481 - 7488' 2 spf
7527 - 7535' 2 spf

est. TOC @ surface (circ)

9-5/8" 36#, K55 ST&C @ 337'
225 sacks cmt

est. TOC @ 300' (temp survey)

DV tool @ 1914'

2nd stage: 182 sxs cmt

Top of 4-1/2" liner @ 3272'

THL Liner top hanger and packer

7" 23#, K55 @ 3450'

1st stage: 180 sxs cmt

est. TOC unknown

Tubing: 2-3/8" 4.7#, J55 @ 7408'

4-1/2", 10.5#, K55, ST&C (84 jts, 3272' - 7008')

4-1/2", 11.6#, J55, ST&C (12 jts on btm, 7008'-7568')

500 sacks cmt

PBTD: 7564'

Notes:

- good circulation during cmt job
- No cmt reversed off liner top
- No fill tagged with SL (SL run 12/14/99)
- Fluid level @ 6975'

updated: 8/23/99 jad