

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

5. Lease Designation and Serial No.

SF - 077123

6. Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren 4

9. API Well No.

30-045-23970

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

11. County or Parish, State

San Juan New Mexico

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)

940' FSL & 1120' FEL Sec. 13 T28N R09W Unit P

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 Blanco Mesaverde & 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 Blanco Mesaverde and commingle production downhole with the existing Basin Dakota production as per the attached procedure.

In support of our downhole commingling application we offer the following data:

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling. NMOCD order R-11363.

All working, royalty, and overriding royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application is required to be submitted via certified mail.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota. That production shall serve as a base for production subtracted from total production for the commingled well. The balance of the production will be attributed to the Blanco Mesaverde. Attached is the future production decline estimate for the Dakota.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

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

Signed

Title Sr. Business Analyst

Date 06/14/00

(This space for Federal or State office use)

Approved by

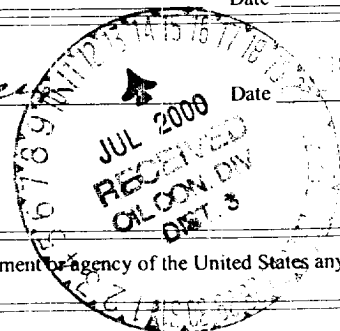
Title

Date

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



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 30-045-23970	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 001209	Property Name Warren	Well Number 4
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5931' GR

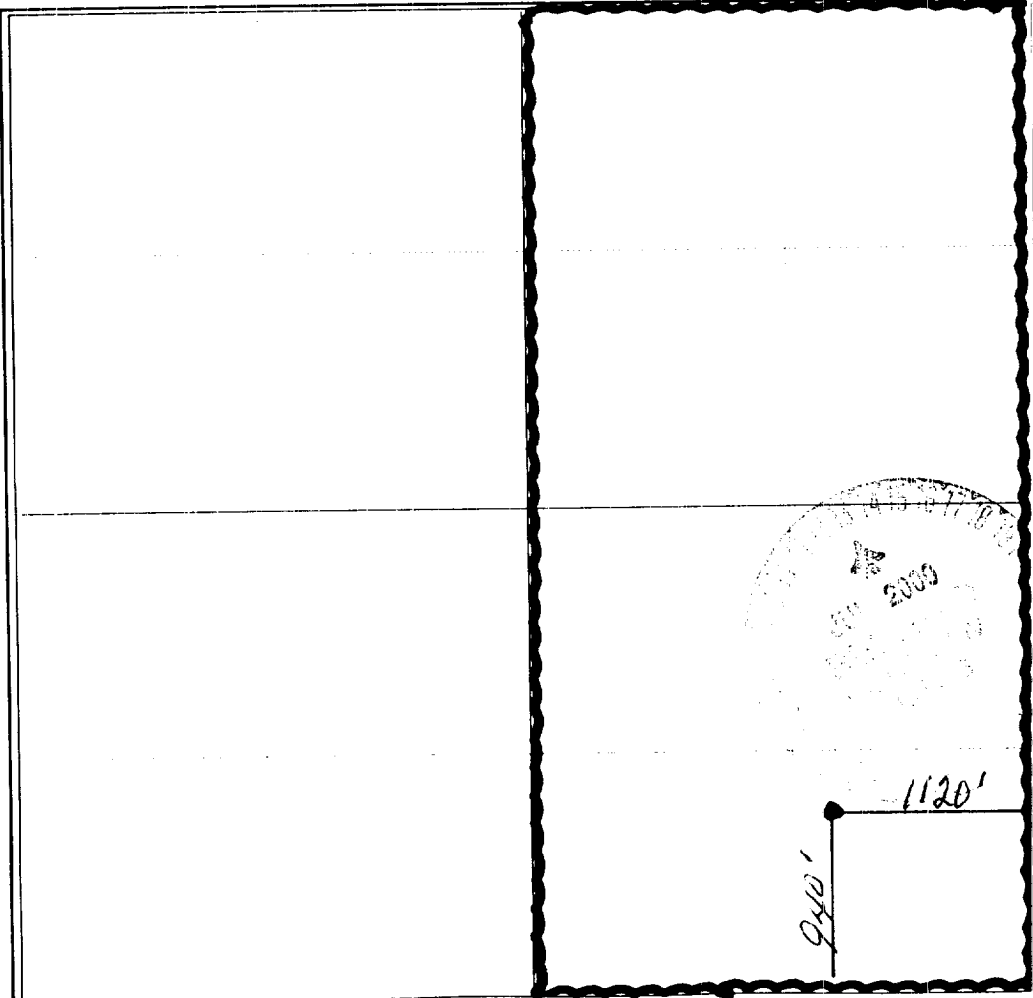
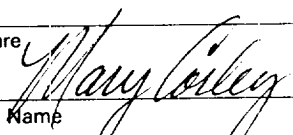
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT P	13	28N	9W		940'	SOUTH	1120'	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>
	Signature 
	Printed Name Mary Corley
	Position Sr. Business Analyst
	Date 06/14/2000
	SURVEY CERTIFICATION <i>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.</i>
Date of Survey 9/22/1979	
Signature & Seal of Professional Surveyor Fred B Kerr Jr	
Certificate No. 3950	

Warren #4 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. Pressure test to 500 psi.
5. Tag and tally OH with 2-3/8" production tubing set at 6600'.
6. TIH with bit and scraper for 4-1/2" casing to 5050'.
7. TIH with tubing-set CIBP. Set CIBP at 5050'. Load hole with 2% KCL. TOH.
8. RU WL. Run CBL over MV interval (3850' - 4950') to ensure zonal isolation across the MV.
9. Pressure test casing to 1500 psi.
10. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Point Lookout formation (correlate to GR log).

4500', 4505', 4512', 4535', 4540', 4548', 4550', 4565', 4575', 4585', 4605', 4615', 4620', 4648',
4655', 4665', 4702', 4713', 4740', 4758', 4770', 4800', 4810', 4815', 4830', 4855', 4875'

12. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
13. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
14. Immediately after frac job, RU WL unit and lubricator.
15. RIH and set CIBP between Cliffhouse and Menefee at 4425'.
16. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Cliffhouse/Upper Menefee formation (correlate to GR log).

3963', 3972', 4004', 4018', 4053', 4075', 4090', 4102', 4110', 4135', 4180', 4195', 4235',
4245', 4275', 4285', 4338', 4350', 4385', 4395'

17. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
18. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
19. Flowback frac immediately.
20. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4425' and 5050'. Cleanout fill to PBTD at 6840'. Blow well dry at PBTD.
21. TIH with 2-3/8" production. Land production tubing at 6750'.
22. ND BOP's. NU WH. Return well to production and downhole MV and DK production.