

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)

**990' FNL & 1850' FEL Sec. 32 T28N R8W Unit B**

5. Lease Designation and Serial No.

**USA SF - 080112**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Gooch 3**

9. API Well No.

**30-045-23476**

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 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 Pool as per the attach procedure.

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

The working, overriding and royalty interest owners in the proposed commingled pools are identical, therefore no notification of this application need be submitted via certified mail (return receipt).

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 **07/06/00**

(This space for Federal or State office use)

Approved by

Title **Engineer**

Date **SEP 11 2000**

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

**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 30-045-23476	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 000608	Property Name Gooch	Well Number 3
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6050' GR

**Surface Location**

UL or lot no. UNIT B	Section 32	Township 28N	Range 8W	Lot. Idn	Feet from the 990'	North/South Line NORTH	Feet from the 1850'	East/West Line EAST	County San Juan
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**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: 306.41		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**

	<b>OPERATOR CERTIFICATION</b>
	<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. Regulatory Analyst
	Date 07/06/2000
	<b>SURVEY CERTIFICATION</b>
	<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>
	3/15/1979
	Date of Survey
	Signature & Seal of Professional Surveyor
	Fred B Kerr Jr
	Certificate No. 3950

## Gooch #3 Recompletion & Downhole Commingling Procedure

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### 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 6743'.
6. TIH with bit and scraper for 4-1/2" casing to 5000'.
7. TIH with tubing-set CIBP. Set CIBP at 4900'. Load hole with 2% KCL.
8. RU WL. Run CBL over MV interval (4100' - 4850') to ensure zonal isolation across the MV.
9. Pressure test casing to 1500 psi.
10. RIH with 3-1/8" casing guns. Perforate Lower Menefee/Point Lookout formation (correlate to GR log).  
4558', 4560', 4590', 4595', 4608', 4612', 4620', 4625', 4630', 4645', 4655', 4675',  
4685', 4715', 4745', 4760'
11. RU frac equipment and install wellhead isolation tool. 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. Immediately after frac job, RU WL unit and lubricator.
14. RIH and set CIBP between Cliffhouse and Menefee at 4475'.
15. RIH with 3-1/8" casing guns. Perforate Upper Menefee formation (correlate to GR log).  
4205', 4218', 4242', 4248', 4273', 4277', 4308', 4313', 4353', 4358', 4385', 4395',  
4420', 4425'
16. RU frac equipment and install wellhead isolation tool. 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 set at 4475' and 4900'.  
Cleanout fill to PBTD at 6920'.
20. TIH with 2-3/8" production tubing. Land production tubing at 6700'.
22. ND BOP's. NU WH. Return well to production and downhole commingle MV and DK production.

## Gooch #3

Sec 32, T28N, R8W

API: 30-045-23476

GL: 6050'

### History:

Completed in 11/79

- 6-1/4" OH drilled with air  
without problems

### Original Dakota Perforations

6714' - 6724' 2 spf

6794' - 6796' 2 spf

6812' - 6818' 2 spf

6844' - 6852' 2 spf

6888' - 6892' 2 spf

6898' - 6902' 2 spf

est. TOC @ surf (circ)

9-5/8" 36# K55 ST&C @ 210'

200 sacks cmt

est. TOC @ surf (circ)

4-1/2" liner hanger @ 3028'

7" 23# K55 ST&C @ 3236'

650 sxs cmt

est. TOC @ liner top

Tubing: 2-3/8" 4.7#, J55 @ 6743'

4-1/2", 10.5#, J55 ST&C @ 6970'

650 sacks cmt

PBTD: 6920'

### Notes:

- Reversed 5 bbls cmt off liner top
- Good circulation throughout cmt job
- 250 psi lift pressure

updated: 5/18/00 jad