Form 3160-5 (December 1989)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

#### USA SF - 080112

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

6. If Indian, Allottee or Tribe Name

- Get ALLENATION					
SUBMIT IN	7. If Unit or CA, Agreement Designation				
Type of Well OIL WELL WELL OTHER Name of Operator	R Mary C	1000 m	8. Well Name and No.  Gooch 3  API Well No.		
moco Production Company	<sup>2</sup> 30-045-23476				
Address and Telephone No.  O. Box 3092 Houston, TX 772533		(281) 366-4491	Basih Dakota/Branco Area Mesaverde		
Location of Well (Footage, Sec., T., R., M., or Survey D  90' FNL & 1850' FEL Sec. 32 T2	8N R8W Un	nit B	11. County or Parish, State  San Juan New Mexico		
CHECK APPROPRIATE BOX(s)	TO INDICATE N				
TYPE OF SUBMISSION		TYPE OF	ACTION		
Notice of Intent	Abandon	nment	Change of Plans		
Subsequent Report	Recompl		New Construction		
Subsequent Report	Plugging		Non-Routine Fracturing		
Final Abandonment Notice	Casing R	<del>-</del>	☐ Water Shut-Off		
The state of the s	Altering	•	Conversion to Injection		
	🔀 Other		verde & Downhole Commingle		
		(Note: Report results of m Recompletion Report and	ultiple completion on Well Completion or		
Describe Proposed or Completed Operations. (Clearly work. If well is directionally drilled, give subsurface  Amoco Production Company request commingle production downhole with  The Basin Dakota (71599) & the Bland Commingling. NMOCD order R-11363	permission to co the existing Bas co Mesaverde (7	omplete the subject well in Dakota Pool as per t	into the Blanco Mesaverde and he attach procedure.		
The working, overriding and royalty in notification of this application need be	terest owners in	n the proposed commine ertified mail (return recei	gled pools are identical, therefore no pt).		
Production is proposed to be allocated production from the Dakota. That proc for the commingled well. The balance future production decline estimate for the production decline estimates.	duction shall ser of the productio	ve as a base for produc	tion subtracted from total production		
Commingling Production Downhole in	the subject well	from the proposed pool	s with not reduce the value of the total		

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

Signed Title Sr. Business Analyst

Date 07/06/00

Approved by Title Sr. Business Analyst

Date Date

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.

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 **DISTRICT II** 311 South First,, Artesia, NM 88210 DISTRICTIII

DISTRICT IV

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION** 

Form C-102 Revised October 18, 1994 Submit to Appropriate District Office State Lease · 4 Copies Fee Lease 3 Copies

State of New Mexico

Energy, Minerals and Natural Resources Department

2040 South Pacheco

Santa Fe, New Mexico 87505

2040 South Pacheco, Sante Fe, NM 87505

## 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	
OGRID No. 000778	Operator Name	AMOCO PROD	OUCTION COMPANY	Elevation 6050' GR	

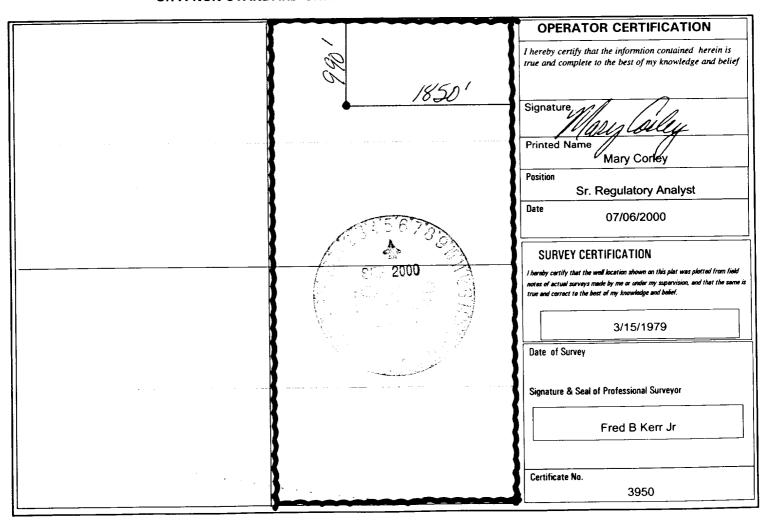
**Surface Location** 

UL or k	ot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT	В	32	28N	8W		990'	NORTH	1850'	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
				i					
Dedicated Acreas	e:	Joint or Infill	Cons	solidation Code	Order No.			<u> </u>	
306.4	1								

#### 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



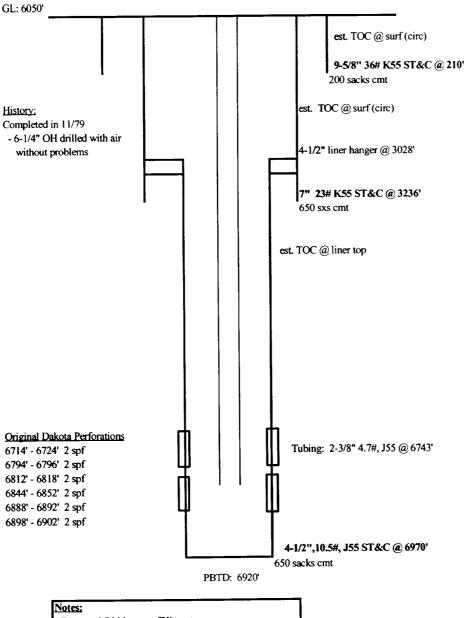
### Gooch #3 Recompletion & Downhole Commingling Procedure

#### 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 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



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

updated: 5/18/00 jad