

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

5. Lease Designation and Serial No.

SF-080776

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mansfield A

#1

9. API Well No.

3004523295

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan

New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Patty Haeefe

3. Address and Telephone No.

P.O. Box 800, Denver, CO 80201

(303) 830-4988

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

1460' FSL

1110' FWL

Sec. 25 T 30N R 10W

Unit L

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 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 requests permission to recomplete this well to the Mesaverde and to downhole commingle the Dakota and the Mesaverde per the attached procedures. DHC approval is pending from the NMOC.

RECEIVED
MAY - 1 1996
OIL CON. DIV.
DIST. 3

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

Signed

Patty Haeefe

Title

Staff Assistant

APPROVED

(This space for Federal or State Office use)

Approved by

Title

Conditions of approval, if any:

APR 26 1996
Date

DISTRICT MANAGER

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.

NMOC

(E) Need DHC order - See Instructions on Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Branco Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23295		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000818	Property Name Mansfield A		Well Number 1
OGRID No. 000778	Operator Name Amoco Production Company		Elevation 6062'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	25	30N	10W		1460	South	1110	West	San Juan

11 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 Acres 315.76	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

16				RECEIVED MAY - 1 1995 OIL CON. DIV. DIST. 3	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
					Signature Patty Haeefe Patty Haeefe Staff Assistant	Title 4/16/96
1110'	1460'				18 SURVEYOR 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 belief.	
					Date of Survey 10/16/78	Signature and Seal of Professional Surveyer: on file 3950 Certificate Number

SJOET Well Work Procedure

Mansfield A 1

Version: #1
Date: April 16, 1996
Budget: Recompletion
Work Type: Perf-Frac

Objectives:

1. Recomplete MV/Downhole commingle DK and MV
2. Land TBG mid-lower DK perfs
3. Place well back on production

Pertinent Information:

Location:	1460'FSLx1110'FWL; Sect. 25L-T30N, R10W	Horizon:	DK/MV
County:	San Juan	API #:	30-045-23295
State:	New Mexico	Engr:	Kutas
Lease:	Federal SE 080776	Phone:	H--(303)840-3700
Well Flac:	97949501		W--(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	50%	DK Prod. Before:	150 MCFD
Estimated Cost:	\$150,000	DK Antic. Prod.:	150 MCFD
Payout:	2.8 years	Anticipated MV Prod.:	350 MCFD
Max Cost -12 Mo. P.O.		Anticipated Total Prod.:	500 MCFD
PV15:			
Max Cost PV15:			

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	4410-4880'
Ojo Alamo:		Point Lookout:	4880-4968'
Kirtland Shale:		Mancos Shale:	
Fruitland:		Gallup:	
Pictured Cliffs:		Graneros:	
Lewis Shale:		Dakota:	6990-TD
Cliff House	4250-4410'	Morrison:	

Bradenhead Test Information:

Test Date: 8/93 DK Tubing: 294 Casing: 541 BH: 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: No Flow.

1. MIRSU. Lower TBG and tag for fill (2 3/8" TBG SA 7009' w/SN at 1 jt. off bottom; PBD at 7132'). Tally out of hole
2. RU HES W.L.. Run gauge ring to ensure clean casing. Set CIBP at 5500'. Pressure test CSG to 3000 psi. Run GR/CCL/CBL from 5500' to TOL at 3356'. Tie into Gearhart IDL-GR log dated 3/15/79 for depth control.
3. RU perforating equipment. Perforate PLO pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" Penetration).
4. Break down perforations using 2% KCl water/500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
5. RU fracture stimulation equipment. Fracture stimulate PLO pay according to frac schedule A. Flowback well as soon as stimulation equipment is disconnected and moved off. Flow well back starting with 1/4" choke gradually increasing to 1/2" choke. Flow well back overnight or over weekend. Record flowing and shut-in pressures, choke size, and liquid recoveries.
6. TIH w/ wireline and tag for fill. If sand fill is below next perf interval(s) then set wireline CIBP between MN and PLO. Clean out fill prior to proceeding with completion if needed to set CIBP.
7. Once CIBP is set, pressure test to ensure good seal.
8. RU perforating equipment. Perforate MN pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" Penetration).
9. Break down perforations using 2% JCL water/500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
10. RU fracture stimulation equipment. Fracture stimulate MN pay according to frac schedule A. Flow back well as soon as stimulation equipment is disconnected and out of the way. Flow well back starting with 1/4" choke gradually increasing to 1/2" choke. Flow well back overnight or over weekend. Record flowing and shut-in pressures, choke size, and liquid recoveries.
11. TIH w/ wireline and tag for fill. If sand fill is below next perf interval(s) then set wireline CIBP between CH and MN. Clean out fill prior to proceeding with completion if needed to set CIBP. Once CIBP is set, pressure test to ensure good seal.
12. RU perforating equipment. Perforate CH pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" Penetration).
13. Break down perforations using 2% KCl water/500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
14. RU fracture stimulation equipment. Fracture stimulate CH pay according to frac schedule A. Flow back well as soon as stimulation equipment is disconnected and out of the way. Flow well back starting with 1/4" choke gradually increasing to 1/2" choke. Flow well back overnight or over weekend. Record flowing and shut-in pressures, choke size, and liquid recoveries.
15. TIH w/ tubing x bit and scraper. Clean out fill and CIBPs to PBD at 7132'. LD BxS.
16. TIH and land 2 3/8" production tubing at approximately 7100' (w/1/2 mule shoe on bottom w/ seating nipple one joint up). Swab well in if necessary. RDMOSU.
17. Obtain gas and water samples. SI well pending equipment hook up. Turn well over to production.

If problems are encountered, please contact:

Mike Kutas

(W) (303) 830-5159

(H) (303) 840-3700

(P) (303) 553-6334

Amoco Production Company

ENGINEERING CHART

SUBJECT MANSFIELD A 1 - DK

MV Recompletion (DH com) EVAL

Sheet No. _____

Of _____

File _____

Appn _____

Date 1/25/76

By G.M.K.

