

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)

1650' FNL & 1630' FEL Sec. 34 T29N R09W Unit G

5. Lease Designation and Serial No.

SF - 079947

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Helen Jackson 1E

9. API Well No.

30-045-24940

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 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. NMOCID 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 will not reduce the value of the total remaining production.

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

Signed

Mary Corley

Title **Sr. Business Analyst**

Date **06/14/00**

(This space for Federal or State office use)

Approved by

[Signature]

Title

[Signature]

Date **AUG 01 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

NMOC

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

200 JUN 14 AM 9:35

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24940	Pool Code 71599 & 72319	Pool Name Basin Dakota & Blanco Mesaverde
Property Code 000714	Property Name Helen Jackson	Well Number 1E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5716' 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 G	34	29N	9W		1650'	NORTH	1630'	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.
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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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <i>Mary Corley</i></p> <p>Printed Name Mary Corley</p> <p>Position Sr. Business Analyst</p> <p>Date 06/13/2000</p>
	<p>SURVEY CERTIFICATION</p> <p>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.</p> <p></p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p>On File</p> <p>Certificate No.</p>

Helen Jackson #1E Recompletion 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 6610'.
6. TIH with bit and scraper for 4-1/2" casing to 4725'.
7. TIH with tubing-set CIBP. Set CIBP at 4725'. Load hole with 2% KCL. TOH.
8. RU WL. Run CBL over MV interval (3650' - 4700') to ensure zonal isolation across the MV.
9. Pressure test casing to 500 psi (frac jobs will be performed using a tapered frac string).
10. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Lower Menefee/Point Lookout formation (correlate to GR log):

4150', 4155', 4185', 4195', 4222', 4240', 4290', 4295', 4315', 4330', 4335', 4350', 4362',
4390', 4400', 4415', 4425', 4435', 4455', 4475', 4495', 4507', 4515', 4537', 4550', 4560'
11. PU 3-1/2" x 2-3/8" tapered frac string and packer. TIH and set packer at +/- 4100'. 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. Unset packer & TOH w/frac string. RU WL. RIH & set CIBP between Cliffhouse & Menefee @ 4075'.
15. RIH with 3-1/8" casing guns with Schlumberger's Prospector, select-fire charge. Perforate Cliffhouse/ Upper Menefee formation (correlate to GR log):

3755', 3768', 3805', 3820', 3828', 3838', 3855', 3867', 3910', 3930', 3940', 3965',
3985', 4002', 4010', 4040', 4055'
16. TIH with 3-1/2" x 2-3/8" tapered frac string and packer. Set packer at +/- 3700'. 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. Unset packer. TOH and LD frac string. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4075' and 4725'. Cleanout fill to PBTD at 6649'.
20. TIH with 2-3/8" production tubing. Land production tubing at 6625'.
21. ND BOP's. NU WH. Return well to production and commingle Dakota and MV.

