

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 - 078415

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

3. Address and Telephone No.

P.O. BOX 3092 HOUSTON, TX 77253

281-366-4491

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

2400' FNL

1560' FEL

Sec. 9 T 29N R 8W

UNIT G

8. Well Name and No.

Roelofs

3

9. API Well No.

30-045-23292

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

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 request permission to recomplete the subject well into the Mesaverde formation and downhole commingle production with the existing Dakota formation as per the attached procedure.

RECEIVED
DEC 22 1999
OIL & GAS UNIT
DEC 9

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

Signed

Mary Corley

Title

Sr. Business Analyst

Date

11-29-1999

(This space for Federal or State office use)

Approved by

Title

Date

12/20/99

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

AMOCO

Recompletion & Downhole Commingling Procedure Roelofs #3

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 7511'. Inspect tbg while POOH.
6. TIH with bit and scraper for 4-1/2" casing.
7. RU WL unit and lubricator. TIH and set CIBP at 5650'. Load hole with 2% KCL.
8. Run CBL over MV interval (4700' - 5500') to ensure zonal isolation across the MV. Fax CBL results to James Dean @ 281-366-7143. If cement coverage is inadequate for the recompletion, perform squeeze job based on CBL results.
9. Pressure test casing to 1500 psi.
10. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.
PL/Lower MF Perforations: 5138', 5142', 5170', 5180', 5185', 5285', 5292', 5365', 5370', 5388', 5392', 5422', 5432', 5438', 5465', 5475'
11. RU frac equipment. Pad and 3 lb/gal stages will be tagged with radioactive tracer by Protechnics. 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. Maintain surface pressures ≤ 3000 psi during frac job to stay within 80% of the 7" casing burst rating.
Contingency: If injection pressures are too high and no break back is seen with the 500 gal HCL acid, prepare and pump balloff procedure.
13. Flowback frac immediately.
14. RU WL and set CIBP between Point Lookout and Cliffhouse at 5000'.
Contingency: If fill in casing prevents CIBP from being set at 5000', bottom 5 perforations (Upper Menefee) can be eliminated and the CIBP set further uphole.
15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
CH/Upper MF Perforations: 4770', 4775', 4780', 4785', 4810', 4830', 4895', 4905', 4912', 4932', 4940'
(Continued on reverse side)

Roelofs #3

Sec 9, T29N, R8W

API #: 30-045-23292

GL: 6463'

History:

Completed in 5/79

Original Dakota Perforations

7442 - 7462' 2 spf

7478 - 7480' 2 spf

7666 - 7676' 2 spf

est. TOC @ surface (circ)

9-5/8" 36#, K55 ST&C @ 229'
250 sacks cmt

est. TOC unknown

Top of 4-1/2" liner @ 3366'
-TIW liner hanger

7" 23#, K55, LT&C @ 3502'
775 sxs cmt
* 7" shoe sqz'd 2 times with 100 sxs cmt

est. TOC @ liner top

Tubing: 2-3/8" 4.7#, K55 EUE 8rd @ 7511'

4-1/2", 10.5#, K55, ST&C (79 jts, 3366'-6938')
4-1/2", 11.6#, N80, LT&C (25 jts on btm, 6938'-7700')
350 sacks cmt

PBTD: 7690'

4-1/2" Cement Job Notes:

- good circulation during cmt job
- reversed 1 bbl cmt off liner top

Note:

High tubing-casing differential pressure (175 psi) indicates probably
fill over water-loading in the Dakota

Update: 8/4/99 JAD

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-223292		Pool Code 72319 & 71599	Pool Name Blanco Mesaverde & Basin Dakota
Property Code 00990	Property Name Roelofs		Well Number 3
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY		Elevation 6463' 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	9	29N	8W		2400	NORTH	1560	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
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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**

	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 <i>Mary Corley</i>
	Printed Name Mary Corley
	Position Sr. Business Analyst
	Date 11/29/1999
	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>
	10/01/1978
	Date of Survey
	Signature & Seal of Professional Surveyor Fred B. Kerr, Jr.
	Certificate No. 3950