

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Gail M. Jefferson

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-6157

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

830' FS: 1085FWL

Sec. 4 T 31N R 11W

Unit M

5. Lease Designation and Serial No.

SF-078051

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Neal #2

9. API Well No.

3004523950

10. Field and Pool, or Exploratory Area

Basin Dakota/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 *nw*
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Well Repair

- ☐ 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 repair the above referenced well per the attached procedures.

If you have any technical questions please contact Khahn Vu at (303) 830-4920 or myself for any administrative concerns

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

Signed

Gail M. Jefferson

Title

Business Assistant

Date

03-17-1995

(This space for Federal or State office use)

Approved by

Title

Date

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

NMOCH

APPROVED

MAR 2 1995

DISTRICT MANAGER

SJOET Well Work Procedure

Neal 2

Version: 2st
Date: March 17, 1995
Budget: Expense/Well Repair
Work Type: Un-open pay & logging

Objectives:

1. Under producing Neil A 9, is the MV for this 1/4 section. It was originally an openhole (1950), but ran a liner in 1966. It has only cummed 1.8 bcf, off sets have EUR > 3 bcf. Off sets are producing in the 300-400 mcf. This well has a good wellbore to produce the mesaverde.
2. Dakota was frac'd with 92Mlbs at 49 bpm. Lower Dakota was not perf. This workover is to have a better understanding of lower Dakota in this area.
3. The tubing is landed 50' above top perf. To clean out wellbore of fill and other items.
4. CBL/TMD logging to prep for VSP and select MV perfs.
5. Return well to production.

Pertinent Information:

| | | | |
|------------|-----------------------------------------|-----------|--------------------|
| Location: | 830' FSL & 1085' FWL - S04M, T31N, R11W | Horizon: | DK/MV |
| County: | San Juan | API #: | 30-045-23950 |
| State: | New Mexico | Engineer: | Khanh Vu |
| Lease: | Federal - SF078051 | | W - (303) 830-4920 |
| Well Flac: | 979598 | | H - (303) 980-6324 |
| Flac Lse: | 698591 | | |

Economic Information:

| | | | |
|--------------------|-----------|---------------------|----------|
| APC WI: | 50% | DK Pre-Production: | 13 MCFD |
| Estimated Cost: | \$23,577 | DK Post-Production: | 100 MCFD |
| Payout: | 7 months* | | |
| PV(15): | | | |
| Max Cost @ PV(15): | | | |

***Note:** Economics will be run on all projects that have a payout exceeding ONE year.
Assuming 100% success. This is for a better understanding of lower DK.

Formation Tops:

| | | | |
|------------------|--------|----------------|-------|
| Nacimiento: | | Point Lookout: | 5190' |
| Ojo Alamo: | 1350'* | Gallup: | 6570' |
| Kirtland Shale: | | Greenhorns: | 7230' |
| Fruitland: | | Graneros: | 7340' |
| Pictured Cliffs: | 2860'* | Dakota: | 7430' |
| Lewis Shale: | | Morrison: | |
| Cliff House: | 4460' | PBTD: | 7570' |
| Menefee: | 4798' | TD: | 7595' |

***Note:** Estimated formation tops

Bradenhead Test Information:

Test Date: 08/93 Tbg: 521 psi Int: NA Csg: 524 psi BH: 0 psi

| Time | BH | INT | CSG |
|--------|----|-----|-----|
| 5 min | 0 | 0 | 0 |
| 10 min | 0 | 0 | 0 |
| 15 min | 0 | 0 | 0 |

Comments: Blewdown immediately

Neal 2

Orig. Comp. 07/80

TD = 7595' , PBTD = 7570'

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1. Record TP, SICP, and SIBHP.
2. TOH with 2 3/8" tubing @ 7385'. Check condition of tubing.
3. TIH with RBP @ 5450', cap with sand.
4. RIH GR/CBL/TMD and log 5400-3500'(TOL).
5. Circulate sand out and TOH with RBP
6. TIH with bit and scraper and cleanout to PBTD @ 7570'.
7. Drill out cement to 7590'.
8. TOH with bit and scraper.
9. Cleanout and load hole with 10% HCl acid.
10. RU lubricator and perforate Dakota. TIH with 3 1/8" HCP gun with 12.5g, 120 degree phasing, and 2 JSP.

Dakota

7572-84'

11. TOH with perf gun.
12. WL set DTTS packer. Set DTTS at 7555'.
13. TIH with N-80 workstring and sting into DTTS.
14. Pressure up with nitrogen to 8000 psi or when pressure levels.
15. TOH with N-80 workstring.
16. TOH with DTTS.
17. TIH with 2 3/8" and landed at 7575'.
18. Tie string to surface equipment and turn over to production.

If problems are encountered, please contact:

Khanh Vu

W - (303) 830-4920

H - (303) 980-6324