

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)

917' FNL & 1125' FEL Sec. 23 T28N R9W Unit A

5. Lease Designation and Serial No.

SF - 07112

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren A LS 2

9. API Well No.

30-045-07353

10. Field and Pool, or Exploratory Area

Blanco MV & Aztec P C

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 **Downhole Commingle**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

(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 convert the subject well from a dual completion to a single completion and commingle production downhole in the Blanco Mesaverde and Aztec Pictured Cliffs Pools as per the attach procedure.

NMOCD Form C-107A is being submitted separately for authority to downhole commingle the Blanco Mesaverde and the Aztec Pictured Cliffs.



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

Signed

Mary Corley

Title **Sr.Regulatory Analyst**

Date **10/03/00**

(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

NMOCD

Warren A LS #2 Refrac and Downhole Commingle 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.
5. TOH and LD 1-1/4" short string set at 2508'.
6. TOH with 2-3/8" long string set at 4804'.
7. RIH and mill up Baker 'EJG' packer set at 2638'.
8. RU WL. RIH with 7-5/8" CIBP. Set CIBP at 2590'.
9. RIH with 3-1/2" frac string and packer. Set packer at 2350'.
10. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
11. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Flush frac with 2% KCL foam.
12. Flowback frac immediately.
13. Release packer and POOH with 3-1/2" frac string.
14. TIH with tubing and bit. Cleanout fill and drill bridge plug set at 2590'. Cleanout fill to PBTD at 4864'.
15. TIH with 2-3/8" production tubing. Land production tubing at 4800'.
16. RU SL. RIH and pull blanking plug. Test well for air.
17. ND BOP's. NU WH. Return well to production and downhole commingle MV and PC production.

Warren A LS #2

Sec 23, T28N, R9W

API # 30-045-07353

History:

Completed in 12/57

PC - mud drilled

MV - air drilled

Tubing: 1-1/4" 2.4#, K55 @ 2508'

PC Perforations

2416' - 2440' 2 spf

2448' - 2468' 2 spf

frac'd w/ 98m gal H₂O
and 34m # sand

Liner top squeezed with
150 sxs cement

MV Perforations

4422' - 4438' 2 spf

4480' - 4488' 2 spf

4572' - 4594' 2 spf

4641' - 4660' 2 spf

4684' - 4709' 2 spf

4717' - 4727' 2 spf

4750' - 4764' 2 spf

4767' - 4801' 2 spf

PBTD: 4864'

est. TOC @ surface (circ)

10-3/4" 32# Armco S.W. @ 162'
150 sxs cmt (circulated)

Est. TOC @ 1300' (1957 temp surv)

Garrett circ. sleeve in tbg @ 2477'

Burns Liner Hanger @ 2518'

7-5/8" 26#, J55 @ 2564'
250 sxs cmt

Baker Model "EGJ" packer at 2638'

Est TOC @ 2518' (1957 temp surv)

Tubing: 2-3/8" 4.7#, K55 @ 4804'

5-1/2" liner, 15.5#, J55 @ 5693'
433 cu ft cmt

NOTES:

updated: 9/29/00 jad