

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-078039

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Barnes LS #1A

9. API Well No.

3004522397

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan

NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Attention:

Amoco Production Company

Dallas Kalahar

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-5129

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

800 FNL

1500FEL

Sec. 24 T 32N R 11W

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 **WORKOVER**

- ☐ 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.)*

PLEASE SEE ATTACHED FOR PROCEDURES

RECEIVED
DEC - 8 1994
OIL CON. DIV.
DIST. 3

NOV 21 PM 2:07
OIL CON. DIV. NM

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

Signed

Dallas Kalahar / SQ

Title

Staff Business Analyst

Date

10-01-1994

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED

DEC 05 1994

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.

WORKOVER PROCEDURE
BARNES LS 1A

August 17, 1993 (1st version)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. TOH with tubing.
4. TIH with RBP and set at 4450'.
5. Pressure test 7" casing to 3500 psig. If leaks exist inside 7" casing, locate them and contact Paul Edwards in the Denver office before proceeding.
6. Reset RBP to 5375', cap with sand.
7. Using lubricator, TIH with 3 1/8" casing gun and perforate the following intervals with 2 JSPF, 120 degree phasing and 15 g charges. Depths are correlated from Gearhart-Owen's Cement Bond Log dated 78/05/25.

MV Point Lookout Perforations

| | | |
|-------------|-------------|-------------|
| 5145' - 47' | 5153' - 58' | 5236' - 47' |
| 5256' - 72' | 5294' - 96' | 5306' - 08' |
| 5338' - 40' | 5342' - 46' | 5356' - 58' |

8. TIH with frac string and packer. Set packer at 5100' and frac according to the attached frac schedule for the Point Lookout.
9. TIH with RBP and set at 4900', cap with sand.
10. Using lubricator, TIH with 3 1/8" casing gun and perforate the following intervals with 2 JSPF, 120 degree phasing and 15 g charges.

MV Cliffhouse Perforations

| | | |
|-------------|---------------|-------------|
| 4500' - 07' | 4599' - 4603' | 4606' - 12' |
| 4620' - 24' | 4803' - 17' | 4823' - 26' |
| 4838' - 56' | 4859' - 61' | 4865' - 75' |

11. Frac down casing according to the attached frac schedule for the Cliffhouse.
12. TIH with RBP and set at 3100', cap with sand.
13. Run a GR/CBL from 3100' to surface and determine top of cement for 7" casing.
14. Perf 2 squeeze holes within 100' of the TOC.
15. Establish circulation to surface, calculate annular volume with a dye, and pump 200% of annular volume of cement. Note returns to surface.
16. WOC at least 24 hours.
17. Drill out cement to RBP.
18. Pressure test squeeze perfs to 500 psig.
19. Resqueeze until pressure test holds, and cement is to surface.
20. Clean out with nitrogen to PBTD (5625'), retrieve all RBPs.
21. Land 2 3/8" tubing at 5275' with a seating nipple one joint off bottom and continue to flow back load until well is capable of producing against 350 psi.
22. Tie well back into surface equipment and turn over to production.