

(June 1990)

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-077231A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Shaw Gas Com

1

9. API Well No.

3004509526

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan

New Mexico

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Pat Archuleta

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5217

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

1105' FNL

1650' FEL

Sec. 14 T 30N R 9W

UNIT B

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 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 this well per the attached procedures.

If you have any technical questions contact Mark Rothenberg at (303) 830-5612

RECEIVED  
BLM  
97 MAY - 7 PM 1:49  
070 FRACTIONATION, NM

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

Signed

*Pat Archuleta*

Title

Staff Assistant

Date

05-06-1997

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

Date

MAY - 9 1997

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

**Suggested Procedure:**

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Record SITP and CP. Blow down well. Kill with water if necessary.
3. TOH with 2 3/8" tubing. NDWH. NUBOP.
4. TIH with tubing and mill. Mill to PBTD (5173') and TOH.
5. Load hole with water if possible and run GR/CBL/CCL log from PBTD to at least 3900' (make sure that 5 1/2" casing has been entered).
6. Relay logs to Mark Rothenberg at (303) 830-4726 continuous log.
7. If logs do not adequately determine actual casing configuration or if later decided, run a casing inspection log over same interval.
8. Based on logging results, perforate at determined depths and breakdown perforations with acid and a PIP tool.
9. Unload hole and flow test well.
10. If good flow tests, clean out to PBTD and land 2 3/8" tubing at 5060' (SN 1 jt off bottom, 1/2 mule shoe on bottom).
11. If poor flow tests, frac well down tubing according to frac procedure A.
12. Flow back frac as soon as possible on 1/4" choke until pressure and sand production subsides the switch to a 1/2" choke.
13. Clean well out to PBTD.
14. TIH and land 2 3/8" tubing at 5060' (SN 1jt off bottom, 1/2 mule shoe on bottom).
15. RDBOP. RUWH. RDMOSU.
16. Turn over to production.

**NOTES:**

- This well had a 5" liner run from 4310-5173 in 1955 and was cemented in place.
- In 1956 a 5 1/2" casing string tapered to 5" was run but was probably not screwed in to old liner and was cemented in place. This gap between casing strings was probably the "hole" found in 1996.
- The well was perforated from 4990-5173 in 1955 but not frac'd.
- The well was then perforated over intervals on wellbore sketch and frac'd.

This well was an excellent producing well and should be capable of producing 800+ mcf/d if we can connect to the original frac. The first objective is to understand the true wellbore configuration and the casing integrity (a casing leak was probably the original reason why the production dropped). Secondly, it would be nice to connect to the original frac by simply perforating and using a PIP/acid breakdown. If not successful then we will try a mini-frac and will be forced to drop lots of balls during the frac to attempt to stimulate the entire interval.

**IN ORDER FOR A SUCCESSFUL WORKOVER, CONSTANT COMMUNICATION BETWEEN MARK ROTHENBERG AND THE OPERATION SPECIALIST WILL BE NECESSARY. LAST SECOND CHANGES SHOULD BE EXPECTED DURING THIS WORKOVER.**

*If problems are encountered, please contact:*

*Mark Rothenberg  
(W) (303)830-5612  
(H) (303)841-8503  
(P) (303)553-6448*