

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

6. Lease Designation and Serial No.

SF-080597

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Arnold Federal A 1

9. API Well No.

3004528959

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 Attention:
Amoco Production Company Kelly Stearns

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-4457

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
960' FNL 1190FWL Sec. 27 T 30N R 8W

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 Temporary Pit

- ☐ 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 intends to recomplete the subject well to the Mesaverde formation and dually produce the Mesaverde with the existing Dakota zone per the attached procedures.

Amoco also requests approval to construct a temporary 15'x15'x5' (maximum size) blow pit for return fluids. This pit will be reclaimed upon completion of this operation.

RECEIVED
APR 26 1994
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
04 APR -7 AM 11:34
OIL CON. DIV. NM

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

Signed Kelly Stearns Title Business Analyst Date 04-05-1994

(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any:

APPROVED

APR 19 1994

MANAGER

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 statement or representation as to any matter within its jurisdiction.

RECOMPLETION PROCEDURE

Arnold Federal A 1

April 1, 1994

1. Test anchors. MIRUSU.
2. TOOH with 2 3/8" tbg.
3. Set 7" RBP at 4500'. Dump sx sand on top. Pressure test packer to 3500 psi.
4. Perf limited entry into Lewis Shale at the following intervals. 2 JSPF - 120 degree phase using a 3 1/8" HSC-Ported guns with Schlumbergher's CNL dated 7-26-93.
5. Break down perfs with KCL water. Use a PPI tool spaced every two feet.

PERFORATIONS:

4265', 4290' (6 holes)

6. Fracture according to the attached schedule A. (Foam frac)
7. TIH with RBP. SA 4230. Spot sx sand on top.
8. Perf limited entry into Lewis Shale at the following intervals. 1 JSPF - 120 degree phase using a 3 1/8" HSC-Ported guns with Schlumbergher's CNL dated 7-26-93.
9. Break down perfs with KCL water. Use a PPI tool spaced every two feet.

PERFORATIONS:

4035', 4055', 4075', 4095', 4118', 4140', 4160', 4180' (8 holes)

10. Fracture according to the attached schedule B. (Foam frac)
11. Shutin 4 hrs. Flow back the well on 1/4 choke 8 hrs. Switch to 1/2" choke and flow until pressure subsides.
12. Clean out to RBP with N2. Retrieve the bridge plug. Perform flow test thru 1/2 choke until psi subsides, maximum 24 hours. Contact Michelle Monteaux at (303) 830-4535 with results.
13. If flow test show positive results perform Attached Procedure II(dual well). If tests are negative perform Procedure III. (PXA Lewis Shale)

PROCEDURE II
'Dualize' to MV/DK

14. Clean out to RBP at TOOH with RBP at 4500'.
15. Check for fill. Clean out with Nitrogen Foam, if necessary.
16. TIH with 7" PKR and 1 1/2" tbg. Set PKR at 4800'. Land tbg at 7220'. with a mule shoe on bottom and seating nipple one joint off bottom.
17. TIH with 2 3/8" tbg, contact Michelle Monteaux for depth.
18. Return DK side to production. Turn MV over to Navajo Dam Team to set facilities and hook up well.

PROCEDURE III
PXA Lewis Shale

13. Set cement retainer at 3950'.
14. Squeeze perfs from 4035' to 4290' with 100 sx class B + 0.6% Halad - 32% cement. Sting out of retainer reverse out any excess cement and TOOH with tbg.
15. WOC 24 hours. Drill out retainer and cement. - *PSI test*
16. Check for fill. Clean out with Nitrogen Foam, if necessary.
17. TIH with 1 1/2" tbg land at 7220'.
18. Return well to production