

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

RECEIVED  
BLM

SEP - 7 AM 10:29

070 EASTINGTON, NM

5. Lease Designation and Serial No.

NM14916

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

VALENCIA CANYON UT #27

9. API Well No.

3003921595

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL GAS

11. County or Parish, State

RIO ARRIBA NEW MEXICO

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

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

1140 FSL 790 FWL

Sec. 22 T 28N R 4W UNIT M

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

- ☐ 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.)

THIS NOTICE OF INTENT REPLACES THE PREVIOUS NOTICE OF INTENT DATED 940902.

AMOCO PROPOSES TO TEMPORARILY SHUT IN THE PICTURED CLIFFS AND RECOMPLETE TO THE FRUITLAND COAL AND PERFORM A PRESSURE TRANSIENT TEST ON THE SUBJECT WELL. THE PROPOSED TESTING IS TO FURTHER DEFINE THE RESERVOIR PROPERTIES AND DETERMINE THE POTENTIAL OF FUTURE DEVELOPMENT OPPORTUNITIES.

AS PART OF THIS TESTING, AMOCO REQUESTS PERMISSION TO VENT THE PRODUCED GAS TO THE ATMOSPHERE, IF THE PIPELINE COMPANY CAN NOT ACCEPT THE GAS DURING THE FLOW BACK PORTION OF THE TEST.

IN ORDER TO RECOMPLETE AND TEST THIS WELL BEFORE NOVEMBER 1ST, AMOCO REQUESTS IMMEDIATE APPROVAL.

RECEIVED  
SEP 12 1994  
OIL CON. DIV.  
DIST. 3

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

Signed

*Wayne Branam*

Title

BUSINESS ANALYST

Date

09-06-1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

APPROVED  
SEP 08 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 communications as to any matter within its jurisdiction.

## FRUITLAND RECOMPLETION

VCU #27 PC  
22M-28N-4W  
Orig. Comp. 6/78  
TD = 4425', PBTD = 4343'

*There is no reported TOC for the 4 1/2" casing. Sufficient cement was run to circulate to surface but a CBL will be run to ensure zonal isolation.*

*This well will be recompleted in the Fruitland and tested. The PC will be isolated during the recompletion and testing.*

1. Contact Federal or State agency prior to starting repair work.
2. Install and/or test anchors.
3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
4. Blow well down, kill well if necessary with 2% KCL.
5. Nipple down well head, nipple up and pressure test BOP's.
6. Trip in the hole with bit and scraper to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
7. RU lubricator. Run a CBL/GR/CCL from PBTD to 3990', correlate to original Density log run by Wireline Services/Gearhart-Owen on 4-26-78.\_ Report TOC to Lara before preceding.
8. Trip in the hole with wireline RBP and set at +/- 4115'. Spot sand on RBP. (Top PC perf = 4122'). Pressure test casing to 3000 psi.
9. Swab fluid level down to 4000'.
10. Perforate, under balanced, the Fruitland with a 3 1/8" casing gun, 8 JSPF, 60 deg. phasing and 16 gm charge (.38" hole, 15.46" penetration). Record pressures immediately after perforating.

### **PERFORATE FRUITLAND**

<b>4004-08'</b>	<b>4016-22'</b>	<b>4037-40'</b>	<b>4049-54'</b>
<b>4069-72'</b>	<b>4076-84'</b>	<b>4088-94'</b>	

11. Fracture stimulate the Fruitland according to the attached procedure.
12. Clean out sand with N2 to RBP at 4115'.
13. TIH with a packer and set at 3950'. Sting into packer and land 2 3/8" tubing at 4094' with a seating nipple one joint off of bottom.
14. Proceed with Pressure Transient Test as outlined on the attached procedure.

*If problems are encountered, please contact:*

*Lara Kwartin: (W) (303) 830-5708; (H) (303) 343-3973; (Pager) (303) 553-6332*

**TESTING PROCEDURE**  
**Pressure Transient Test**

August 31, 1994

Valencia Canyon Unit #27  
Fruitland Coal  
Section 22 28N-04W

The objective of this testing is to conduct a pressure transient test to determine reservoir permeability, pressure, and wellbore skin.

Procedures

Need to flow back well after frac to clean wellbore of all fluids and remaining nitrogen. If possible, track volumes of nitrogen recovered from frac for material balance purposes.

- 1) Shut-in well for 1 week to stabilize near wellbore pressures.
- 2) Inject air at a constant injection rate of 1.00 MMSCFD, for no more than 7 days. Monitor surface injection pressure, do not exceed a surface pressure of 2000 psig.
- 3) Inject air at a constant injection rate of 2.00 MMSCFD, for no more than 14 days. Monitor surface injection pressure, do not exceed a surface pressure of 2000 psig.
- 4) TIH with electronic pressure gauges and install surface pressure recorder to simultaneously record pressures. Initiate recording at least 3 hours prior to stopping air injection.
- 5) Stop air injection and shut-in well. Conduct a pressure fall-off test for a minimum of 14 days.
- 6) Configure surface facilities to measure gas volume and composition during flow back.
- 7) TOH with electronic pressure gauges.
- 8) Flow well back for 30 days while monitoring surface pressures and rates. Obtain produced gas composition at least once an hour, for the first day of flowback, then once a day for the remainder of the first week of flowback. Following, monitor composition on a weekly basis.

If gas venting period exceeds 30 days or gas flaring is deemed necessary, contact governmental authorities (BLM, NMOCD or Carson National Forest)

*Report any problems to Cris Zogorski at:*  
*(303) 830-4118 work*  
*(303) 751-2218 home*

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790FWL

Sec. 22 T 28N R 4W

UNIT M

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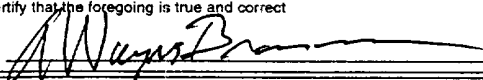
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AMOCO PROPOSES TO RECOMPLETE TO THE FRUITLAND PER THE ATTACHED PROCEDURE.

RECEIVED  
M M  
64 SEP -6 AM 10:02  
070 FRUITLAND, NM

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

Signed



Title

BUSINESS ANALYST

Date

09-02-1994

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Approved by

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Title

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\* See Instructions on Reverse Side

BLM/DO

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