Form 3160-5
(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-080132

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation:

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

8. Well Name and No.: Florance D #2

2. Name of Operator: Amoco Production Company — Attention: Mike Curry

9. API Well No.: 3004511658

3. Address and Telephone No.: P.O. Box 800, Denver, Colorado 80201 — (303) 830-4075

10. Field and Pool, or Exploratory Area: Blanco Pictured Cliffs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1450' FNL 790' FWL Sec. 23 T 30N R 9W SW/4NW/4

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	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Workover - Re-frac	☐ 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 intends to re-frac the Fruitland Coal formation per the attached procedure.

RECEIVED
DEC - 1 1994
OIL CON. DIV.
DIST. 3

94 NOV -4 PM 12:51
070 FARMINGTON, NM

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

Signed Mike Curry Title Business Analyst Date 11-02-1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date NOV 16 1994

Conditions of approval, if any:

APPROVED
DISTRICT 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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

WORKOVER PROCEDURE
Fruitland Re-Frac

October 27, 1994

Florance D2
Basin Fruitland Coal
Sec. 23 30N-09W

The objective of this workover is to re-frac the Fruitland Coal formation. The previous attempt to frac this well in November of 1993 was unsuccessful, due to a high pressure drop across the packer causing it to fail. A propellant frac will be performed to isolate the upper casing from high pressure.

General Procedures

1. Check location for anchors. Install if necessary. Test anchors.

2. MIRUSU. Blow well down. Kill with 2% KCl if necessary. NDWH. NUBOP.

3. TOOH with 1 1/4" tbg and Baker Compression pkr set at 2747'.

4. Spot sand on RBP set at 3061'. TIH with tbg and RTTS pkr. Set pkr at 2800'. Pressure test casing to 2000#. TOH with pkr.

5. TIH with 2 1/8" Halliburton DynaCap expendable gun (wireline) with 63/117 deg phasing and 20.5 gram charge. Perforate underbalanced w/6 SPF at the intervals below:

   2822' - 2852' (30')
   2940' - 2970' (30')
   2992' - 3022' (30')

6. Perform pressure build-up. Evaluate data to determine if the well will naturally flow after perforating. Notify engineer with pressures

7. RU Wireline and Servodynamics and frac according to the following. Liquid level in hole should be 1500' from surface so perfs are not over-pressured.

   a) TIH with 1 1/4" tool and frac from 2822' - 2852' . TOH
   b) TIH with 1 5/8" tool and frac from 2865' - 2873'. TOH
   c) Evaluate frac radii on previous runs and determine which tool to use on following 3 runs.
   d) TIH and make the following frac runs: 2940' - 2970', 2974' - 2984', 2992' - 3022'. TOH.

8. Flow back well immediately. Circulate out fill to 3061'.

9. TIH with pkr and set at 2747'. Land tbg at 2825'. If necessary, swab well in.

10. If well is still unable to flow, notify engineer for possibility of conducting Nitrogen huff-n-puff to clean out fines.

11. NUWH. RDMOSU.

NOTE: If problems encountered, notify Cris Zogorski at
(303) 830-4118 - Work
(303) 399-8492 - Home

Amoco Production Company

ENGINEERING CHART

Sheet No ____ Of ____
File ____
Appn ____
Date 11-3
By ____

SUBJECT WELLBORE CONFIGURATION
ON ~~15-14-93~~ 11-

FLORANCE 02