

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.  
NM 03523

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well       Gas Well       Other

8. Well Name and No.

Federal # ~~2431~~ 31 #24

2. Name of Operator

Louis Dreyfus Natural Gas Corp

9. API Well No.

30-045-28834

3. Address and Telephone No.

14000 Quail Springs Parkway, Suite 600      Phone (405) 749-1300

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

1200' FSL & 1800' FWL  
SE SW Sec 31-27N-11W

11. County or Parish, State

San Juan Co., NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                  |                          | TYPE OF ACTION                      |                         |
|-------------------------------------|--------------------------|-------------------------------------|-------------------------|
| <input checked="" type="checkbox"/> | Notice of Intent         | <input type="checkbox"/>            | Abandonment             |
| <input type="checkbox"/>            | Subsequent Report        | <input checked="" type="checkbox"/> | Recompletion            |
| <input type="checkbox"/>            | Final Abandonment Notice | <input type="checkbox"/>            | Plugging Back           |
|                                     |                          | <input type="checkbox"/>            | Casing Repair           |
|                                     |                          | <input type="checkbox"/>            | Altering Casing         |
|                                     |                          | <input type="checkbox"/>            | Other                   |
|                                     |                          | <input type="checkbox"/>            | Change of Plans         |
|                                     |                          | <input type="checkbox"/>            | New Construction        |
|                                     |                          | <input type="checkbox"/>            | Non-Routine Fracturing  |
|                                     |                          | <input type="checkbox"/>            | Water Shut-Off          |
|                                     |                          | <input type="checkbox"/>            | Conversion to Injection |
|                                     |                          | <input type="checkbox"/>            | Dispose Water           |

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed 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.)\*

- A. MIRU WOU. Load hole with 2% KCl water. ND wellhead and NU BOP's. RU wireline. PU and RIII with 4 1/2" CIBP to set at 1,530 ft. Load casing and test to 3,000 psi.
- B. RIII with casing gun to perforate the Upper Fruitland Coal from 1482 ft to 1486 ft and 1488 ft to 1498 ft at 4 spf.
- C. RD wireline. RU pumps to acidize and breakdown perfs. Pump 500 gallons 15% HCl acid and 85 ballsealers via casing. Flush with 2% KCl water. Surge balls off perfs and wait for balls to fall below perfs. Frac via casing with 32,000 gallons 70% Nitrogen Foam (30# linear gel liquid phase) carrying 60,000 lbs 20/40 Arizona Sand. RD frac pumps.
- E. Clean up frac load, swab, clean out sand as required.
- F. PU & RIII with 2 3/8" production tubing. Set SN at 1480 ft. ND BOP's and NU wellhead. PU and RIII with 3/4" rods and 1 1/4" BHP. RDMO WOU.
- G. Set and hook up surface equipment. Turn well to sales.

RECEIVED  
OCT 17 1997  
OIL CON. DIV.  
DIST. 3

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

Signed Duane W. Spencer

Title Production Foreman Date 10-9-97

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title \_\_\_\_\_ Date OCT 15 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