

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
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 Zone
97 OCT 29 PM 2:00

6. If Indian, Allottee or Tribe Name
070 EASTINGTON, NM

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 31-31

2. Name of Operator

Louis Dreyfus Natural Gas Corp

9. API Well No

30-045-24963

3. Address and Telephone No

14000 Quail Springs Parkway, Suite 600

Phone (405) 749-1300

10. Field and Pool, or Exploratory Area

West Kutz, P.C.

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

790' FNL & 1520' FEL

NW NE 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

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☒ 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 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.)

Establish market accessibility, recomplete to Fruitland Coal & commingle with Pictured Cliffs, as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1" tbg & LD. RU WL. PU & RIH w/4-1/2 CIBP & set @ 1627' over PC perfs. Load csg & test to 3500 psi. RIH w/csg gun to perforate the Fruitland Coal as follows: 1556-70 2 spf; 1606-14' 4 spf; Total 62 holes.
- B. RD WL. RU BJ. Acidize/balloff Fruitland Coal perfs via 4-1/2" csg w/500 gals 15% HCL acid w/90 - 7/8" 1.3 SG ballsealers. Estimated rate 8 - 10 BPM @ \pm 1000 psi. Flush w/2% KCL water. Surge balls off perfs & wait for balls to fall below perfs. Prepare to frac. Treat via 4-1/2" csg @ 40 BPM & \pm 1650 psi surface treating pressure. Pump 40,000 gal 70QN2 foam (30# linear gel) & \pm 75,000# 20/40 Arizona Sand.
- C. Clean-up frac load. Swab and/or CO as needed.
- D. PU sand line drill. RIH to knock out CIBP @ 1627' & tag to PBTD.
- E. PU & RIH w/2-3/8" tbg w/production assembly. Set SN @ \pm 1555'. PU & RIH w/ 3/4" rods & 1-1/4" BHP. ND BOP & NU wellhead. RDMO WOU.
- F. Set surface separator, water tank and meter loop. Build pad & install pump unit. Hang well on. Start pump unit. Clean up frac load. Turn well to sales.

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

Signed *[Signature]* Title Engineer Date 10/20/97

(This space for Federal or State office use)

Approved by *[Signature]* /S/ Duane W. Spencer Title Date OCT 31 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 any statement to any Federal department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

*See Instructions on Reverse Side