

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
RECEIVED  
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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Louis Dreyfus Natural Gas Corp

3. Address and Telephone No

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

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

990' FEL & 1650' FSL

NE SE Sec. 7-27N-11W

5. Lease Designation and Serial

6. If Indian, Allottee or Tribe Name

070 FARMINGTON, NM

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mudge A3

9. API Well No

30-045-06650

10. Field and Pool, or Exploratory Area

Kutz, W.

11. County or Parish, State

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

(Note: Report results of multiple completion operations, well completion or recompletion report and log bits)

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.)\*

Cement 3-1/2" tubing in open hole section to surface & recomplete Pictured Cliffs & Upper Pictured Cliffs as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1" tbg. PU 2-3/8" tbg w/turned down collars, 4-3/4" bit, & DCs. RIH w/2-3/8" tbg & BHA to CO. Pump fluid caliper to determine hole volume. TOH w/tbg & BHA.
- B. PU & RIH w/3-1/2" 9.3# J55 tbg string (+ 1925'), land @ + 1921'. RU BJ. Establish circulation w/2% KCL water & cement 3-1/2" tbg string w/100 sacks 50/50 Poz. CI B + add (designed to raise cement to surface). RD BJ. WOC.
- C. Load & test 3-1/2" tbg. RU WL. Run CBL & Comp Neutron GR log. RIH w/perf gun to perforate Pictured Cliffs @ 1850-70", 2 spf. Total 41 holes & Upper Pictured Cliffs @ 1818-28", 4 spf. Total 41 holes (\*Actual perfs will be verified w/cased hole logs.)
- D. RD WL. RU BJ. Acidize/balloff PC & Upper PC perfs via 3-1/2" tbg w/1000 gals 15% HCL acid w/123 - 7/8" 1.3 SG ballsealers. Estimated rate 6 - 8 BPM @ + 1000 psi. Flush w.2% KCL water. Surge balls off perfs & wait for balls to fall below perfs. Prepare to frac PC & Upper PC. Frac via 3-1/2" tbg @ 60 BPM & + 2800 psi surface treating pressure. Pump + 53,000 gals 70QN2 foam (25# linear gel) & + 100,000# 20/40 Arizona Sand. RD BJ. Wait 2 hours and start fluid recovery on choke control.
- E. Recover load water. Clean out sand. Test as necessary.
- F. RIH w/2-3/8" prod tbg. ND BOP & Nu wellhead. PU & RIH w/3/4" rods & 1-1/4" BHP. RDMO WOU.
- G. Build pad & install pump unit. Install rental wellhead compressor. Hang well on. Start pump unit. Turn well to sales.

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

Signed

Title

Engineer

Date

10/20/97

(This space for Federal or State office use)

Approved by

Title

Date

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.