

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.

NMSF 078895

6. If Indian, Allottee or Tribe Name

Navajo

7. If Unit or CA, Agreement Designation

NM

8. Well Name and No.

Mudge A #6

9. API Well No.

30-045-06741

10. Field and Pool or Exploratory Area

Kutz - Pictured Cliffs

11. County or Parish, State

San Juan Co., NM

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

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' FNL & 990' FWL

NW NW Sec. 7-27N-11W

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

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

RECEIVED  
MAR 30 1993  
OIL CON. DIV.  
DIST. 3

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.)\*

Cement 4" casing and stimulate Pictured Cliffs, as follows:

1. MIRU WOU. Load hole w/2% KCL wtr. ND WH & NU BOPs. TOH w/1" tbg. PU 4-3/4" bit & 3-1/2" DCs. RIH w/tbg & BHA to clean out w/treated water. Run fluid caliper to determine cement volume. TOH w/tbg & BHA.
2. PU & RIH w/4" 10.46# flush jt csg string (+ 1850') & 15-20' shoe jt. Land csg as close to bottom as possible (will have limited rat hole). RU BJ. Establish circu w/2% KCL wtr & cement 4" csg string w/+ 45 sx 35:65poz + 12% gel + adds followed by 100 sx 50:50 poz + adds (designed to raise cement to surface). RD BJ. WOC.
3. Load & test csg. RU WL. RIH w/CBL & compensated neutron/GR logs. RIH w/csg gun to perf Pictured Cliffs & U PC 1800-1820' (81 holes) (Estimate) Actual perfs will be based on new logs. RD WL.
4. RU BJ. Acidize/balloff PC/Upper PC perfs via 4" csg w/1000 gals 15% HCL acid & ballsealers. Estimated rate @ 6-8 BPM at + 1000 psi. Flush w/2% KCL wtr. Surge balls off perfs & wait for balls to fall below perfs. Frac PC/Upper PC via 4" csg @ 60 BPM & + 2200 psi surface treating pressure. Pump + 50,000 gal 70Q N2 foam (20# XL base) and + 90,000# 20/40 Arizona sand & 10,000# 20/40 RCS. RD BJ. Wait 2 hours & start fluid recovery on choke control.
5. PU & RIH w/2-3/8" tbg & CO to TD w/N2. POOH w/tbg.
6. PU TA & RIH w/2-3/8" prod tbg. PU & RIH w/3/4" rod string & 1-1/4" BHP. RDMO WOU. Build pad & install pump unit. Hang well on.
7. Install rental wellhead compressor. Turn well to sales.

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

Signed

Title

Engineer

Date

03/17/98

(This space for Federal or State office use)

Approved by

Title

Date

MAR 26 1998

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

NMOC