

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
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

## 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)

1650' FSL & 990' FEL  
NE SE Sec. 11-27N-12W

7. If Unit or CA. Agreement Designation

8. Well Name and No.  
Hancock #139. API Well No.  
30-045-0665610. Field and Pool, or Exploratory Area  
West Kutz, P.C.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

☐

Notice of Completion

☐

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 applications for Well Completion or Recompletion Report and Log from 1

13. Describe Proposed Completed Operations (including status) 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 4-1/2" casing in open hole section surface &amp; recomple the Upper Pictured Cliffs, as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1" tbg & LD.
- B. PU 2-3/8" tbg string, 6-1/4" bit & DCs. RIH w/tbg & BHA to CO. Run fluid caliper to determine cement volume. TOH w/tbg & BHA. PU & RIH w/4-1/2" 10.5# J55 csg string ( $\pm 1700'$ ) and  $\pm 20'$  shoe jt (to prevent drill-out w/limited rathole.) Land @ 1693'. RU BJ. Establish circulation w/2% KCL water & cement 4-1/2" csg string w/155 sacks 50/50 Poz. CI B + add (designed to raise cement to surface) RD BJ. WOC.
- C. Load & test csg. RU WL. RIH w/CBL & compensated neutron/GR logs. RIH w/csg gun to perforate Upper Pictured Cliffs @ 1639-1649", 6 spf. Total 61 holes. (\*Actual perfs will be verified w/cased-hole logs). RD WL.
- D. RU BJ. RIH w/tbg to spot 250 gals 15% HCL across perfs. TOH w/tbg.
- E. Breakdown new perfs via 4-1/2" csg @ 6 - 8 BPM @  $\pm 1000$  psi. Flush w/2% KCL water. Frac Upper PC via 4-1/2" csg @ 60 BPM &  $\pm 1500$  psi surface treating pressure. Pump  $\pm 53,000$  gals 70QN2 foam (25# linear gel) and  $\pm 100,000$  20/40 Arizona Sand. RD BJ. Wait 2 hours & start fluid recovery on choke control.
- F. RIH w/2-3/8" tbg & CO to TD. TOH w/tbg. Tube well for rod pump.
- G. PU & RIH w/3/4" rod string & 1-1/4" BHP. RDMO WOU. Build pad & install pump unit. Install rental wellhead compressor. Hang well on. Turn 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.

\*See Instructions on Reverse Side

NMOCD