

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

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 TRIPPLICATE

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)

810' FNL &amp; 1665' FEL

NW NE Sec. 12-27N-12W

5. Lease Designation and Serial

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hancock 8R

9. API Well No.

30-045-21832

10. 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

☐

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

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.)

(1) 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.)\*

Abandon L. Pictured Cliffs perfs, isolate &amp; squeeze csg failure &amp; perf, breakdown &amp; fracture stimulate U. Pictured Cliffs as follows:

A. MI RU CU. ND wellhead &amp; NU &amp; test BOP.

B. TOH w/1" tbg.

C. RU wireline. Run gauge ring &amp; junk basket. TIH w/4-1/2" wireline. Set CIBP @ 1772'. TOH.

D. PU &amp; TIH w/4-1/2" packer on 2-3/8" tbg. Load hole w/2% KCL &amp; set packer @ 1700' Pressure test CIBP to 1000 psi. Pressure test csg-tbg annulus to 500 psi. If csg fails, isolate failure, establish rate &amp; squeeze w/Class B cement w/2% CaCl2. Release pkr, pull up 2 stands, reverse circulate w/2 tbg volumes of 2% KCL water, &amp; reset packer. Pressure up on squeeze to 500 psi. WOC 12 hours.

E. Release pkr &amp; TOH. PU 3-7/8" bit, sub &amp; 4-1/2" csg scraper on 2-3/8" workstring. CO to top of CIBP. TOH.

F. Perf U. Pictured Cliffs from 1758-1770' w/3-1/8" HCS w/2spf. Total 24 holes.

G. TOH. PU & TIH w/2-3/8" tbg, spot acid & pad flush. Use  $\pm$  350' 2-7/8" frac string below csg leak, if frac pressure doesn't hold.

H. RU BJ. Breakdown perfs w/600 gals 15% HCL. Fracture stimulate the U. Pictured Cliffs sand w/70Q nitro foam w/30# linear gel &amp; approx 100,000# sand. RD BJ.

I. CO w/3-7/8" bit, sub &amp; 2-3/8" tbg to CIBP. When sand &amp; water production diminish, TIH w/2-3/8" 4.7# 8rd EUE tbg w/SN one joint off bottom. Land tbg near 1700'. Obtain final pilot gauge. Run 3/4" rod string &amp; 1-1/4" BHP.

NU BOP NU wellhead / RD MO.

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

Signed

Title

Engineer

Date

10/20/97

(This space for Federal or State (if 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