

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

5. Lease Designation and Serial No. **NY 30791 16**
6. If Indian, Allottee or Tribe Name **OTO FARM, POCOM, NM**

SUBMIT IN TRIPLICATE

| | | |
|---|--|--|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other Well | | 7. If Unit or CA, Agreement Designation |
| 2. Name of Operator Louis Dreyfus Natural Gas Corp | | 8. Well Name and No. Hancock 1 |
| 3. Address and Telephone No. 14000 Quail Springs Parkway, Suite 600 Phone (405) 749-1300 | | 9. API Well No. 30-045-06668 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 660' FEL NE SE Sec. 12-27N-12W | | 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 | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input checked="" type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

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 4-1/2" casing in open hole section to surface & recomplete 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 (+1900'), land @ 1898'. RU BJ. Establish circulation w/2% KCL water & cement 4-1/2" csg string w/335 sacks 50/50 Poz Cl B + add (designed to raise cement to surface). RD BJ WOC.
- C. Load & test csg. RU WL. RIH w/CBL & Comp Neutron/GR logs. RIH w/csg gun to perforate U. Pictured Cliffs @ 1774-90' (*) 4 spf, Total 81 holes. (*Actual perfs to be verified w/new logs). RD WL.
- D. RU BJ. RIH w/tbg to spot 200 gals 15% HCL across perfs. TOH w/tbg. Breakdown new perfs via 4-1/2" csg @ 6-8 BPM @ ± 1000 psi. Flush w/2% KCL water. Continue treatment to frac Upper PC. Frac Upper PC via 4-1/2" csg @ 60 BPM & ± 1500 psi surface treating pressure. Pump ± 53,000 gals 70QN2 foam (25# linear gel) and 100,000# 20/40 Arizona Sand. RD BJ. Wait 2 hours & start fluid recovery on choke control.
- E. RIH w/2-3/8" tbg & CO to TD. TOH w/tbg. PU TA & RIH w/2-3/8" production tbg.
- F. PU & RIH w/3/4" rod string & 1-1/4" BHP. RDMO WOU. Build pad & install pump unit. 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 **NOV 04 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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.