

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

RECEIVED
Bureau of Land Management
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.
NYS-07928 P. 12:02

6. If Indian, Allottee or Tribe Name
070 FARMINGTON, NM

7. If Unit or CA Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
Hancock #2

2. Name of Operator
Louis Dreyfus Natural Gas Corp

9. API Well No.
30-045-06652

3. Address and Telephone No.
14000 Quail Springs Parkway, Suite 600 Phone (405) 749-1300

10. Field and Pool, or Exploratory Area
West Kutz, P.C.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650' FSL & 1650' FWL
NE SW Sec. 12-27N-12W

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 <small>(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log Core.)</small>

3. Describe Proposed Completed Operation, including 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 and recomplete Pictured Cliffs, as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1-1/2" tbg. PU 2-3/8" tbg & packer. RIH w/2-3/8" & packer to test for csg leak.
- B. TOH w/tbg & packer. PU 4-3/4" bit & DCs. RIH w/2-3/8" tbg & BHA to CO. Run fluid caliper to determine cement volume. TOH w/tbg & BHA.
- C. PU & RIH w/3-1/2" 9.3# J55 tbg string (+ 1775'), land @ + 1770'. RU BJ. Establish circulation w/2% KCL water & cement 3-1/2" tbg string w/90 sacks 50/50 Poz Cl B + add (designed to raise cement to surface). RD BJ. WOC.
- D. Load & test 3-1/2" tbg. RU WL. Run CBL & compensated neutron/GR logs. RIH w/2-1/8" hollow carrier gun to perforate Pictured Cliffs @ 1702-1720(*), 4 spf. Total 73 holes. (*Actual perms will be verified w/cased hole logs).
- E. RD WL. RU BJ. RIH w/2-3/8" tbg to spot 250 gals 15% HCL acid across perms. TOH w/tbg. Breakdown new perms via 3-1/2" tbg @ 6-8 BPM @ ± 1000 psi. Flush w/2% KCL water. Frac via 3-1/2" tbg @ 60 BPM & ± 2600 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 and start fluid recovery on choke control.
- F. Recover load water. Clean-out sand. Test as necessary.
- G. RIH w/2-3/8" production tubing. PU & RIH w/ 3/4" rods & 1-1/4" BHP. RD MO. WOU.
- H. Build pad & install pump unit. 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 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

NMOCD

*See Instructions on Reverse Side

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 1997 OCT 22 A 10:57
 FEDERAL BUREAU OF INVESTIGATION
 WASHINGTON, D.C.

RECEIVED
 NOV 6 1997
 OIL CON. DIV.
 DIST. 3