

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BLM 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

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SUBMIT IN TRIPLICATE		7. If Unit or CA. Agreement Designation
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. Hancock 12	9. API Well No. 30-045-06633
2. Name of Operator Louis Dreyfus Natural Gas Corp	10. Field and Pool, or Exploratory Area West Kutz, P.C.	
3. Address and Telephone No 14000 Quail Springs Parkway, Suite 600 Phone (405) 749-1300	11. County or Parish, State San Juan Co., NM	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' FNL & 1650' FWL SW NE NW Sec. 10-27N-12W		

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 Report	<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 and recomplete the Pictured Cliffs, as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1-1/4" tbg & LD. PU 2-3/8" tbg string. TIH w/6-1/4" mill, 4-3-1/2" DCs & tbg. Mill up junk & clean out to PBTD @ ± 1525'.
- B. PU 6-1/4" bit & DCs. RIH w/2-3/8" 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 (± 1525') and ± 20' shoe jt (to prevent drill out with limited rathole). Land csg @ ± 1523'. RU BJ. Establish circulation w/2% KCL water & cement 4-12" csg string w/145 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 logs. RIH w/csg gun to perforate Pictured Cliffs @ 1467-85' (*) 4 spf, Total 73 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 @ ± 1000 psi. Flush w/2% KCL water. Frac 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.
- F. RIH w/2-3/8" tbg & CO to TD. TOH w/tbg. PU TA & RIH w/2-3/8" production tubing.
- G. PU & RIH w/3/4" rod string & 1-1/4" BHP. RDMO WOU. Build pad & install pump unit. Hang well on. Install rental wellhead compressor. Start pump unit & turn well to sales.

14. I hereby certify that the foregoing is true and correct
Signed: [Signature] Title: Engineer Date: 10/20/97

(This space for Federal or State office use)
Approved by: [Signature] Title: Date: NOV 04 1997
Conditions of approval, if any:

The 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

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OIL CON. DIV.
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