Form 3169-5 (JUNE 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIV Florm APPROVED

BL Dudget Bureau No. 1994-013

Expires. March 31, 1993

BUREAU OF LAND MANAGEMENT

| 4 | J. — | |
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| | NM035921 | |

| Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. |
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| Use "APPLICATION FOR PERMIT" for such proposals |
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| SUBMIT IN TRIPLICATE | 7 If Unit or CA, Agreement Designation | |
| Oil Gas Well Other | 8 Well Name and No Federal 30-44 | |
| Name of Operator Louis Dreyfus Natural Gas Corp | 9 API Well No 30-045-24814 | |
| 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. | |
| B Location of Well (Footage, Sec., T., R., M., or Survey Description 990' FSL & 990' FEL | 11 County or Parish, State San Juan Co., NM | |
| SE SE Sec. 30-27N-11W | Sair Juan Co., INVI | |

| CHECK APPROPRIATE BOX | (s) TO INDICATE NATURE OF NO | TICE, REPORT, OR OTHER DATA | | | | | |
|---|---|--|-------------|--|--|--|--|
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | | | |
| X Notice of Intent | Abandonment | Change of Plans | | | | | |
| | X Recompletion | New Construction | مَد | | | | |
| Subscindent Report | Plugging Back | Non-Routine Fracturing | B .7 | | | | |
| | Casing Repair | Water Shut-Off | 99 | | | | |
| Final Abandonm Vice 5 198 | 7 Altering Casing | Conversion to Injection | | | | | |
| | Other | Dispose Water | 22 | | | | |
| OIL COM, D | JINYZ Z | (Note: Report results of multiple completions and Well Completion or Recompletion Report and Log from 1st | × 4 | | | | |
| 3 Describe Proposed Completed Operations (Clearly state all persisent de | etails, and give pertinent dates, including estimated dat | ite of starting any proposed work. If well is directionally drille | | | | | |
| Describe Proposed Completed Operations (Clean State all perhabent 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.)* | | | | | | | |
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Establish pipeline contract & recomplete Lower Fruitland Coal & commingle with Upper Coal, as follows:

- A. MIRU WOU. Load hole w/2% KCL water. ND WH & NU BOPs. TOH w/1" tbg & LD. PU sand line drill to knock out CIBP @ 1660', tag to next CIBP @ 1703'.
- B. RU WL. RIH w/csg gun to perf the Lower Fruitland Coal as follows: 1678-89 4 spf; Total 45 holes.
- C. RD WL. RIH w/2-7/8" tbg & packer. Set packer @ 1650'. Load backside and apply ± 1000 psi. RU BJ. Acid/balloff Lower Fruitland Coal perfs via tbg w/500 gals 15% HCL acid & 65 7/8" 1.3 SG ballsealers. Estimated rate & pressure 8 10 BPM @ ± 1500 psi. Flush w/2% KCL water. Surge balls & allow to fall below perfs. Prepare to frac. Treat via 2-7/8" tbg @ 30 BPM & ± 4000 psi surface treating pressure. Pump ± 32,000 gals 60QN2 foam (30# Borate XL liquid phase) and + 60,000# 20/40 Arizona sand. RD BJ. Wait 2 hours & start load recovery on choke.
- D. Clean-up frac load. Swab and/or CO as needed.
- E. TOH w/2-7/8" tbg. PU & RIH w/2-3/8" tbg w/production assembly. Set SN @ \pm 1670'. PU & RIH w/3/4" rods & 1-1/4" BHP. ND BOP & NU wellhead. RDMO. WOU.
- F. Set surface seperator, water tank & meter loop. Build pad & install pump unit. Hang well on. Start pump unit. Clean up frac load. Turn well to sales.

| HOLD C-19 A For the | altrasa | (g) | | |
|---|--------------|----------|----------------|-----------------------|
| 14. I hereby certify that he foregoing is true and correct Signed | liile | Engineer | Đate | 10/20/97 |
| (This space for Federal of Side office use) /S/ Duane W. | Spencer late | | Date OC | 1 3 ₁ 1997 |
| Conditions of approval, if any | | | | · |