

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

LOUIS DREYFUS NATURAL GAS CORP.

3. Address and Telephone No.

(405) 749-1300

14000 Quail Springs Parkway, Ste. 600, Okla. City, OK 73134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

904' FSL & 1620' FWL Sec. 18-27N-11W

940

N

5. Lease Designation and Serial No.

SF078895

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FEDERAL COAL 18-24

9. API Well No.

30-045-28397

10. Field and Pool, or Exploratory Area

West Fork of Red River  
Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

12. 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

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other 592 ft perfs.  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or 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.)\*

See attached Drilling Report.

RECEIVED  
JAN 31 1997

OIL CON. DIV.  
DIST. 3

97 JAN 21 PM 2:34  
RECEIVED  
RLM  
OIL CON. DIV., NM

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

Signed

Raylene Smith

Title Production Analyst

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD  
Date 1/23/97

JAN 29 1997  
Date

FARMINGTON DISTRICT OFFICE

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.

Hold C-104 for Plot C

\*See Instruction on Reverse Side

NMOCD

**LOUIS DREYFUS NATURAL GAS CORP**

**RECOMPLETION SUMMARY**

**FEDERAL COAL 18-24**

904' FSL & 1620' FWL  
SEC 18,T-27N, R-11W  
SAN JUAN COUNTY, NM  
GR ELEV: 6127'

LDNGC WI: 50.00% NRI: 41.2500%

PROP. NO. 404995-001  
AFE. NO. 1213  
AFE: ETC-\$60,000.

- 12-15-96 Day 1; MIRU Aztec Well Service unit. ND well head. NU BOP. Lowered tbg & tagged bottom @ 1864'. POOH w/54 jts of 2 3/8", J-55 tbg (1754.94'), 3 perfed sub, SN & MA (32.75'). RIH wa 5 1/2" cement retainer & 52 jts 2 3/8" tbg. Set cement retainer @ 1702'. RU BJ Services & squeezed Fruitland Coal perfs @ 1723 to 1746' w/100 sxs Class "B" cement w/10% gypsum & 2% Cacl. Pumped @ 1500 psi @ 3 BPM. Squeezed to 2000 psi. Reversed out tbg & POOH w/tbg. RD BJ Services. SDFW.  
TDC-\$5,075. CWC-\$5,075.
- 12-17-96 Day 2; RIH w/a 4 3/4" bit, bit sub, 4-3 1/2" DC, cross over and 48 jts of 2 7/8" tbg. Drilled up cement retainer @ 1702'. Drill 10' of cement under retainer. Pulled 1 stand of tbg & SDFN.  
TDC-\$6,054. CWC-\$11,129.
- 12-18-96 Day 3; Drill out cement & cleaned out well bore to 1937' POOH w/tbg, DC's & bit. MIRU Blue Jet Wireline truck. Perforated Picture Cliffs formations @ 1776' to 1780' (4') & 1787' to 1800' (13') w/2JSPF (36 holes) with a 4" casing gun. RD Blue Jet. RIH w/2 7/8" and a 5 1/2" Baker Model "R" packer to 1720'. SDFN. Will frac in the AM.  
TDC-\$3,457. CWC-\$14,586.
- 12-19-96 Day 4; MIRU BJ frac trucks. Blew hole dry w/N2. Set packer @ 1751'. Opened bypass valve & spotted 250 gals of 15% HCL acid & flushed w/2% KCL water. Formation broke down @ 1580 psi. Started pumping frac gel @ 16.8 BPM, slowed to 14.7 BPM, slowed to 10.8 BPM, slowed to 6.4 BPM. Shut down. ISDP-240 psi. Fracd well w/70% gel foam pad & pumped a total of 73,700 lbs of 20/40 Arizona mesh sand ramped from 1 to 4 PPG. Flushed to perfs w/2% KCL water. Avg. Press-1918 psi, Avg. rate-21.4 BPM. ISDP-570 psi, 5 min-540 psi, 10 min-520 psi; 15 min-520 psi, 20 min-500 psi. Pumped a total of 220K SCF of N2. TLTR-335 BBLs. RDBJ. Opened well to flowback after 3 1/2 hr SI. Flowed back on 1/4" choke @ 200 psi. Flowed 40 bbls in 6 1/2 hrs then died. TLTR-295.  
TDC-\$33,133. CWC-\$47,719.
- 12-20-96 Day 5; RD flowback manifold. Released pkr & POOH with 2 3/8" tbg with a notched collar on bottom. Tagged sand fill @ 1843'. Pumped 120 bbls of 2 % KCL wtr but could not establish circ. POOH with 2 3/8" tbg. RU Blue Jet wireline truck. Ran tracer survey from 1843' to 1500'. RD wireline. RIH with 2 3/8" tbg with notched collar to 1780'. SNFN.  
TDC-\$3,262. CWC-\$50,981.
- 12-21-96 Day 6; MIRU BJ Pump truck (N2). Circd out sand & wtr to 1946' w/64,070 SCF N2. RD BJ. ND BOP. Bottom of seat nipple @ 1776'. NU wellhead. RU to swab. Made 36 swab runs & recovered 27 BW. Fluid level staying around 1500'. No gas. CSG press 40 psi. SDFN TLTR - 388 BBLs.  
TDC-\$3,876. CWC-\$54,857.

12-22-96 Day 7; SITP-85 psi; SICP-85 psi; Blew tbg pressure off & started swabbing. Initial fluid level @ 1400'. 200 of fluid entry overnite. Made 4 swab runs & dried up tbg. Made hourly runs w/200' of entry per hour. Made 30 swab runs & recovered 20 BW. SICP-150 psi. TLTR-368 BBls. SDFN.  
TDC-\$1,376. CWC-\$56,224.

12-23-96 Day 8; SITP-110 psi; SICP-180 psi; Blew tbg press off & started swabbing. Initial fluid level @ 1200'. Made 4 swab runs & recovered 3 BW. SICP-175 psi. TLTR-365 BW. SDFS.  
TDC-\$800. CWC-\$57,024.

12-24-96 Day 9; SITP-190 psi; SICP-2000 psi; Had 500' of entry overnite. Made 38 swabs runs & well started flowing. Left well flowing to tank overnite. Swabbed 17 bbls & flowed 28 BW overnite w/ no choke & 120 psi csg pressure. TLTR 337 bbls.  
TDC-\$1,696. CWC-\$58,720.

12-25-96 Day 10; Well flowng on 1/2" choke nipple to tank. Flowed back 22 bbls of water. FTP-45 psi; csg press-130 psi; Est. Gas Rate-360 MCFD. TLTR-315 BW.  
TDC-\$670. CWC-\$59,390.

12-26-96 Day 11; Well flowed to tank overnite on a 1/2" choke nipple. Flowed back 27 BW w/est gas rate @ 400 MCFD. TLTR-288 BBLS; FTP-50 psi; Csg-130 psi.  
TDC-\$670. CWC-\$59,390.

12-27-96 Day 12; RD pulling unit. Hauled out frac tanks. FTP-50 psi; Csg-130 psi. Well flowed to tank overnite on a 1/2" choke nipple. Flowed back 21 BW w/est gas rate @ 400 MCFD. TLTR-267 BBLS;  
TDC-\$1,044. CWC-\$60,434.

12-28-96 Day 13; FTP-50 psi; Csg press - 130 psi. Well flowed to tank overnite. Recovered 25 BW, w/est gas rate @ 400 MCFD. TLTR-242 BW.  
TDC-\$140. CWC-\$60,574.

12-29-96 Day 14; FTP-50 psi; Csg press - 130 psi. Well flowed to tank overnite. Recovered 23 BW w/estgas rate @ 400 MCFD. TLTR-219 BW.  
TDC-\$380. CWC-\$60,954.

12-30-96 Day 15; FTP-45 psi; Csg press - 115 psi. Well flowed to tank overnite on a 1/2" choke. Recovered 16 BW w/est gas rate @ 360 MCFD. TLTR-203 BW. Will put on sales line today.  
TDC-\$190. CWC-\$61,144.

12-31-96 Day 16; Put well on line @ 11 am, 12-30-96. Made 200 MCF & 13 BW overnite. TLTR - 190 BW.  
TDC-\$40. CWC-\$61,14.

01-01-97 Day 17; Well flowing dn sales line but logged off w/wtr. Blew to tank for 2 hours and recovered 5 BW. FTP-58 psi. Csg press 120 psi. Made 169 MCF. TLTR-185 BW.  
TDC-\$40. CWC-\$61,224.