

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT *30-045-28918*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Louis Dreyfus Natural Gas Corp. *25773*

3. ADDRESS OF OPERATOR  
14000 Quail Springs Pkwy., Ste. 600, Oklahoma City, Ok 73134

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
2173' FN & 1315' FE (S1/2NE1/4)  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
11.8 miles southwest of Bloomfield, New Mexico

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 957'

19. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6079' GR

22. APPROX. DATE WORK WILL START\*  
November 9, 1992

| PROPOSED CASING AND CEMENTING PROGRAM |                |                 |               |
|---------------------------------------|----------------|-----------------|---------------|
| SIZE OF HOLE                          | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
| 12 1/4                                | 8 5/8          | 24#             | 250'          |
| 7 7/8                                 | 5 1/2          | 15.5#           | 1900'         |

5. LEASE DESIGNATION AND SERIAL NO.

SF 079116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hancock *13604*

9. WELL NO.

42

10. FIELD AND POOL, OR WILDCAT *71629*

Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

G  
Sec 12, T 27 N, R 12 W

12. COUNTY OR PARISH

San Juan

13. STATE

N. Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL

*1320*

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

November 9, 1992

EXHIBITS ATTACHED:

"A" Location and Elevation Plat

"B" Drilling Program

"C" BOP Diagram

"D" Surface Use Plan

"E" Proposed Location & Access/  
Existing Facilities

"F" Drill Pad Layout, Cuts & Fills,

"G" Drill Rig Layout

I HEREBY CERTIFY THAT I HAVE THE NECESSARY AUTHORIZATIONS TO OPERATE THIS WELL.  
Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by:  
Surety Bond No. 400G08912  
Land Bond No. 0GB215

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *[Signature]* TITLE District Operations Manager DATE 11/5/92

(This space for Federal or State use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

NOV 23 1992

TITLE

DATE NOV 18 1992

CONDITIONS OF APPROVAL, IF ANY:

OIL CO. DIV.

AREA MANAGER

\*See Instructions On Reverse Side

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.

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

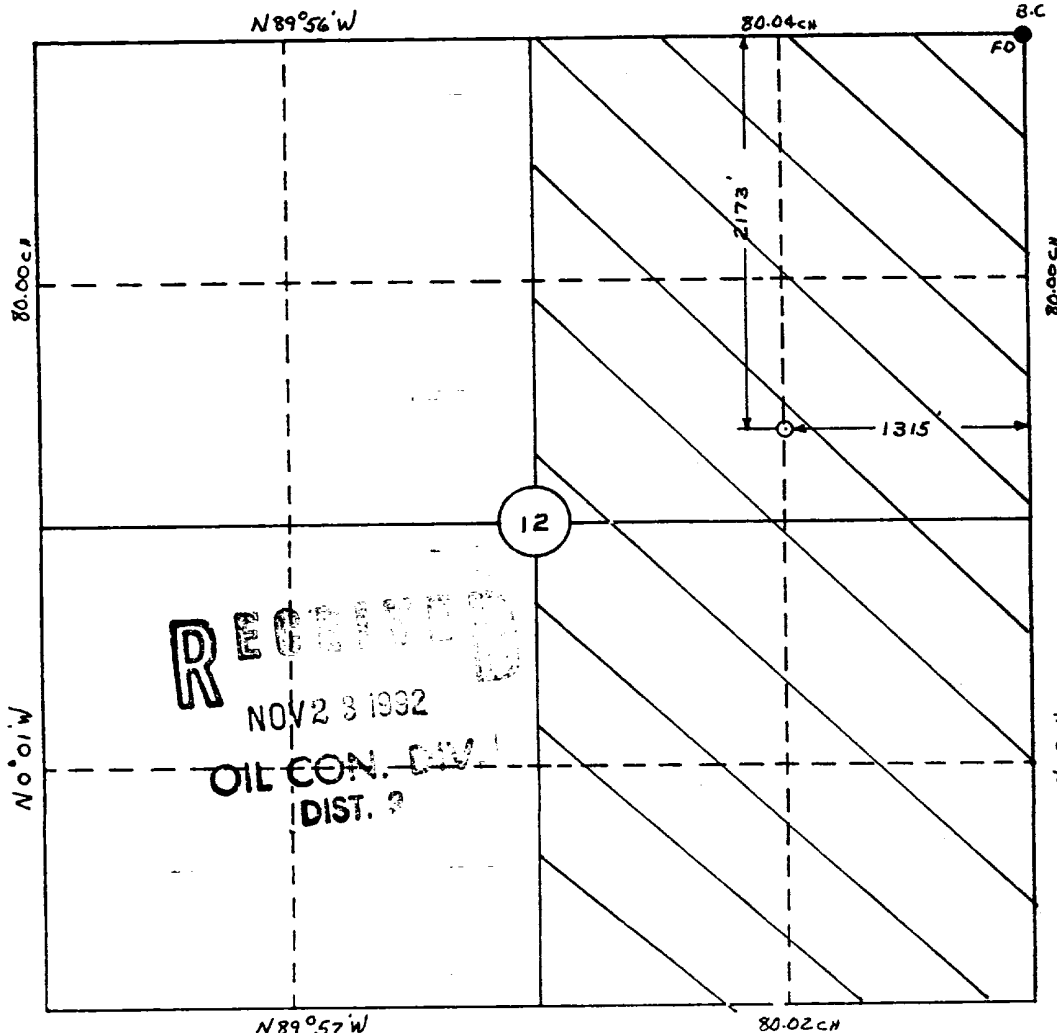
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|  |  |                                     |  |   |                       |
|--|--|-------------------------------------|--|---|-----------------------|
| Operator<br><b>LOUIS DREYFUS NATURAL GAS CORPORATION</b>   |  |                                     | Lease<br><b>HANCOCK 12</b>             |   | Well No.<br><b>42</b> |
| Unit Letter<br><b>H</b>  | Section<br><b>12</b>                         | Township<br><b>27 N.</b>            | Range<br><b>12 W.</b>                  | County<br><b>SAN JUAN Co, N. MEXICO</b> |                       |
| Actual Footage Location of Well:<br><b>2173</b> feet from the <b>NORTH</b> line and <b>1315</b> feet from the <b>EAST</b> line   |  |                                     |  |   |                       |
| Ground level Elev.<br><b>6079.4</b>  | Producing Formation<br><b>Fruitland Coal</b> | Pool<br><b>Basin Fruitland Coal</b> | Dedicated Acreage:<br><b>320</b> Acres |   |                       |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?<br/> <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____<br/>           If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____<br/>           No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p> |  |                                     |  |   |                       |

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



## OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

*R. L. Flowers, Jr.*

Printed Name

R. L. Flowers, Jr.

Position

District Operations Manager

Company

Louis Dreyfus Natural Gas Corp.

Date

November 5, 1992

## SURVEYOR CERTIFICATION

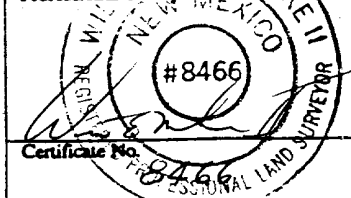
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

10-30-92

Date Surveyed

WILLIAM E. MAHNKE II

Signature &amp; Seal of Professional Surveyor



Topographic map of the Hancock 42-12 area. The map shows contour lines, roads, and various wells. A dashed line indicates a boundary or path, with a handwritten note "Blossfield 8.5 mi." and an arrow pointing towards the top left. The map includes labels for "Hancock 42-12", "Blossfield 8.5 mi.", "Gallegos Windmill", and "Drill Hole". The map is oriented with North at the top.