

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|---|
| ¹ Operator Name and Address. Louis Dreyfus Natural Gas Corporation 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134 | | ² OGRID Number 025773 |
| | | ³ API Number 30 - 025 - 35032 |
| ⁴ Property Code 25896 | ⁵ Property Name Harrod "7" State Com | ⁶ Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 7 | 16S | 35E | | 660 | North | 1050 | East | Lea |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

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|--|-------------------------------|
| ⁹ Proposed Pool 1 Townsend; Morrow (Gas) | ¹⁰ Proposed Pool 2 |
|--|-------------------------------|

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|-----------------------------------|---|-----------------------------------|--|---|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S, F P | ¹⁵ Ground Level Elevation 4048' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 12,800' | ¹⁸ Formation Morrow | ¹⁹ Contractor Patterson | ²⁰ Spud Date 5/30/00 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2" | 13 3/8" | 48# | 350' | 330 sks | Surface |
| 12 1/4" | 9 5/8" | 36# | 4,700' | 1400 sks | Surface |
| 7 7/8" | 5 1/2" | 17# | 12,800' | 850 sks | 9000' |

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 17 1/2" hole to \pm 350'. Run 13 3/8" csg. and cement to surface w/330 sks cement.
2. Drill 12 1/4" hole to \pm 4,700'. Set 9 5/8" csg. and cement to surface w/1400 sks cement.
3. Drill 7 7/8" hole to \pm 12,800'. Run 5 1/2" csg. and cement to \pm 9000' w/510 sks cement.

See attached "Exhibit 6" for BOP assembly.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Carla Christian*

Printed name: Carla Christian

Title: Regulatory Technician

Date: 5/16/00

Phone: (405) 749-5263

OIL CONSERVATION DIVISION

Approved by:

Title: *CHIEF ENGINEER*

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

B
MP

