

District I
PO Box 1 80, 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
ge. 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, PLUG BACK, 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 |
| ⁴ Property Code 26003 | | ³ API Number 30-015-31174 |
| ⁵ Property Name Saragossa "16" State | | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 16 | 23S | 26E | | 660 | North | 1980 | West | Eddy |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

⁹ Proposed Pool 1

Carlsbad South (Morrow) PM

¹⁰ Proposed Pool 2

| | | | | |
|-----------------------------------|---|-----------------------------------|---------------------------------------|--|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3352 |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 12,000' | ¹⁸ Formation Morrow | ¹⁹ Contractor Patterson | ²⁰ Spud Date 8/25/00 |

Minimum WOC time 8 hrs.

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" | 54.5# | 675' | 450 sks | Surface |
| 12 1/4" | 9 5/8" | 36# | 2,000' | 900 sks | Surface |
| 8 3/4" | 7" | 26# | 10,000' | 1300 sks | 7000' |
| 6 1/8" | 4 1/2" liner | 13.5# | 12,000' | 150 sks | Tie back to 7" |

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.

This well was previously permitted at 10,825' and at a different location. Per OCC needed to be permitted again.

1. Drill 17 1/2" hole to \pm 675'. Run 13 3/8" csg. and cement to surface w/450 sks. cement.
 2. Drill 12 1/4" hole to \pm 2,000'. Set 9 5/8" csg. and cement to surface w/900 sks cement.
 3. Drill 8 3/4" hole to \pm 10,000'. Run 7" csg. and cement to 7000' w/1300 sks cement.
 4. Drill 6 1/8" hole to \pm 12,000'. Run 4 1/2" liner and cement 300' inside 7" with 150 sks cement.
- See attached "Exhibit 6" for BOP assembly.

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: 8/09/00

Phone: (405) 749-5263

OIL CONSERVATION DIVISION

Approved by:

Jim A. Bunn

Title:

District Supervisor

Approval Date:

AUG 11 2000

Expiration Date:

AUG 11 2001

Conditions of Approval:

Attached ☐