

District I  
1625 N. French Dr., Hobbs, NM 88240

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

CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 12, 1999

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

<sup>1</sup> Operator Name and Address Louis Dreyfus Natural Gas Corp. 14000 Quail Springs Parkway - Suite 600 Oklahoma City, OK 73134		<sup>2</sup> OGRID Number 25773
		<sup>3</sup> API Number 30-0 15-32193
<sup>4</sup> Property Code 29404	<sup>5</sup> Property Name Artesia "21" State Com	<sup>6</sup> Well No. 2

<sup>7</sup> 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	21	18S	28E		990	North	660	East	Eddy

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 Illinois Camp Morrow, North (Gas)	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3596'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 10,750'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 2/22/02

<sup>21</sup> 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#	440'	450 sks	Surface
12 1/4"	9 5/8"	36#	2,800'	900 sks	Surface
7 7/8"	5 1/2"	17#	10,750'	1300 sks	Tie back to
					Nearest Producing
					Zone

<sup>22</sup> 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  $\pm$  440'. Run 13 3/8" csg. and cement to surface w/450 sks cement.
2. Drill 12 1/4" hole to  $\pm$  2,800'. Run 9 5/8" csg. and cement to surface w/900 sks cement.
3. Drill 7 7/8 " hole to  $\pm$  10,750'. Run 5 1/2" csg. and cement to 9 5/8" w/1300 sks cement.

See attached "Exhibit 6" for BOP assembly.

<sup>23</sup> 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: 2/05/2002 Phone: 405-749-5263

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUN**  
**DISTRICT II SUPERVISOR**

Title:

Approval Date: **FEB 07 2002** Expiration: **FEB 07 2003**

Condition of Approval:  
Attached ☐