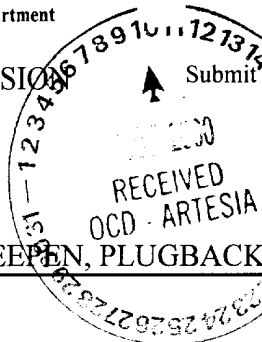


District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

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



RECOMMENDED 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 Corporation 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		<sup>2</sup> OGRID Number 025773
		<sup>3</sup> API Number 30-015-31373
<sup>4</sup> Property Code 25526 26778	<sup>5</sup> Property Name Geronimo "33" State	<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	33	17S	28E		660	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

Empire; Penn

<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 R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3679'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 10,700'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 10/13/00

Minimum WOC time 18 hrs.

<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#	525'	500 sks	Surface
12 1/4"	9 5/8"	36#	2,700'	1100 sks	Surface
7 7/8"	5 1/2"	17#	10,700'	1300 sks	Tie back to
					9 5/8"

<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  $\pm 525'$ . Run 13 3/8" csg. and cement to surface w/500 sks cement.
2. Drill 12 1/4" hole to  $\pm 2,700'$ . Set 9 5/8" csg. and cement to surface w/1100 sks cement.
3. Drill 7 7/8" hole to  $\pm 10,700'$ . Run 5 1/2" csg. and cement back 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: 10/3/00

Phone: (405) 749-5263

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR B6A

Approval Date:

OCT 11 2000

Expiration Date:

OCT 11 2000

Conditions of Approval:

Attached ☐

DISTRICT I  
1825 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 and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code <u>25526</u>	Property Name GERONIMO "33" STATE	Well Number 2
OGRID No. 025773	Operator Name LOUIS DREYFUS NATURAL GAS CORPORATION	Elevation 3679'

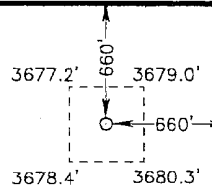
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	17 S	28 E		660	NORTH	660	EAST	EDDY

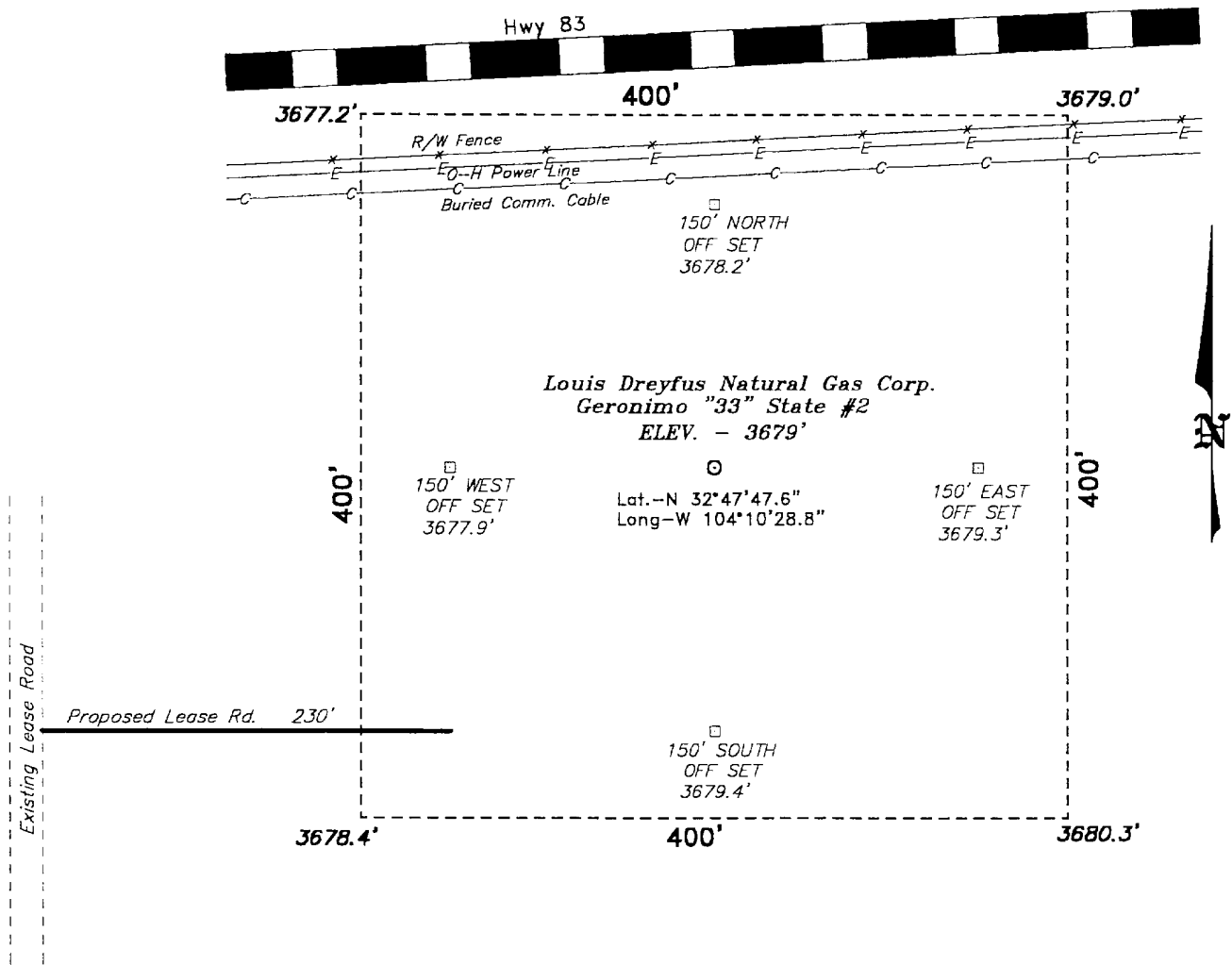
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		NM-647 Lat.: N32°47'47.6" Long.: W104°10'28.8"		<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Carla Christian</u> Signature <u>Carla Christian</u> Printed Name <u>Regulatory Technician</u> Title <u>10/3/00</u> Date
				<b>SURVEYOR CERTIFICATION</b> 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 belief. <u>September 28, 2000</u> Date Surveyed <u>W.B. No. 0549</u> Professional Surveyor 7977 Certified No. 7977 BASIC SURVEYS

SECTION 33, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF STATE HWY 83 AND STATE HWY 360, GO WEST ON HWY 83 APPROX. 2300 FEET TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 350 FEET TO THE PROPOSED LEASE ROAD WHICH LIES 230 FEET WEST OF THE PROPOSED WELL PAD.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 0549

Drawn By: K. GOAD

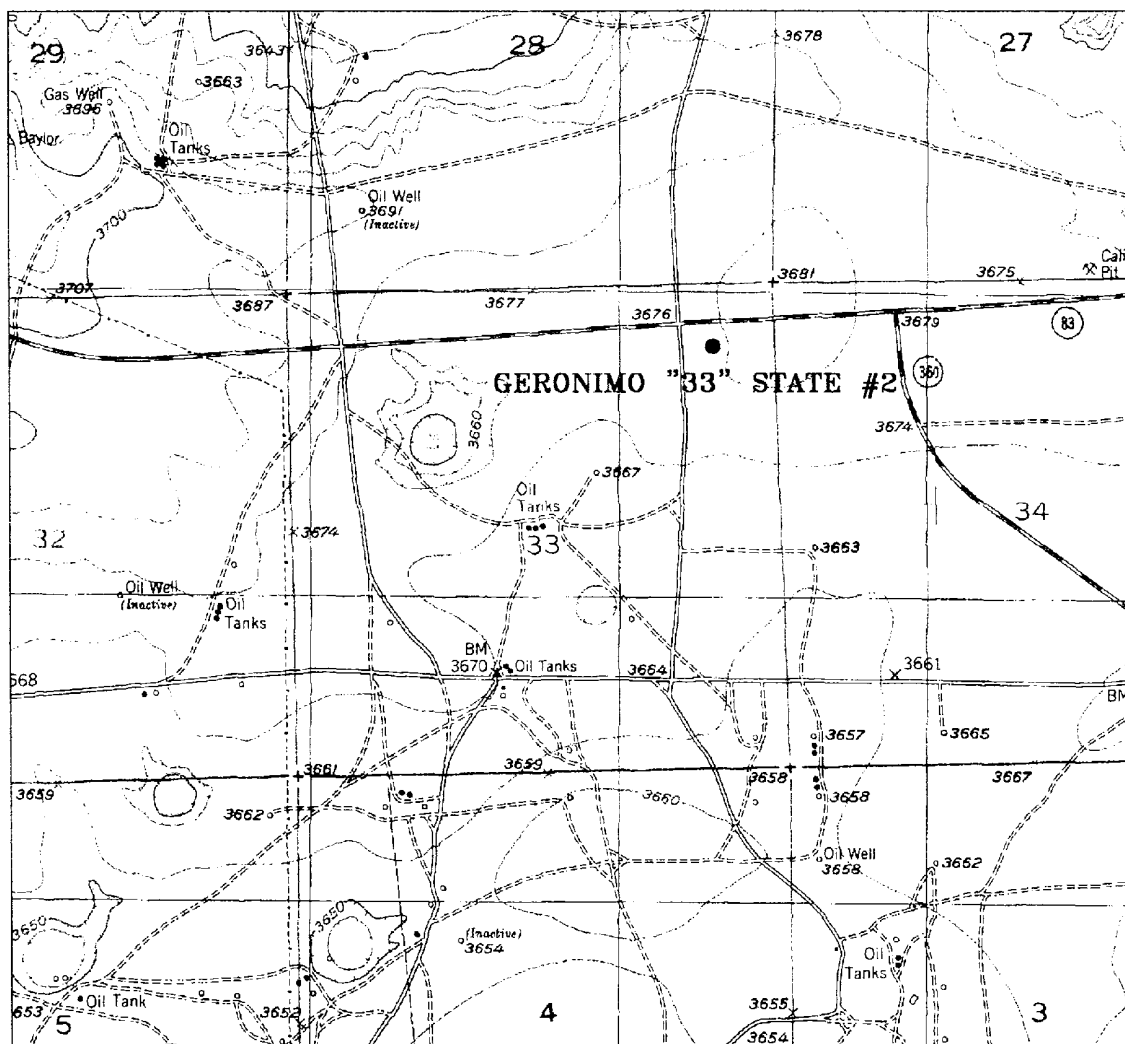
Date: 09-29-2000 Disk: KJG #122 - 0549A.DWG

**Louis Dreyfus Natural Gas Corp.**

REF: Geronimo "33" State #2 / Well Pad Topo

THE GERONIMO "33" STATE No. 2 LOCATED 660' FROM THE NORTH LINE AND 660' FROM THE EAST LINE OF SECTION 33, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 09-28-2000 Sheet 1 of 1 Sheets



**GERONIMO "33" STATE #2**  
 Located at 660' FNL and 660' FEL  
 Section 33, Township 17 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.

**basin**  
**surveys**  
 focused on excellence  
 in the oilfield

P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
 basinsurveys.com

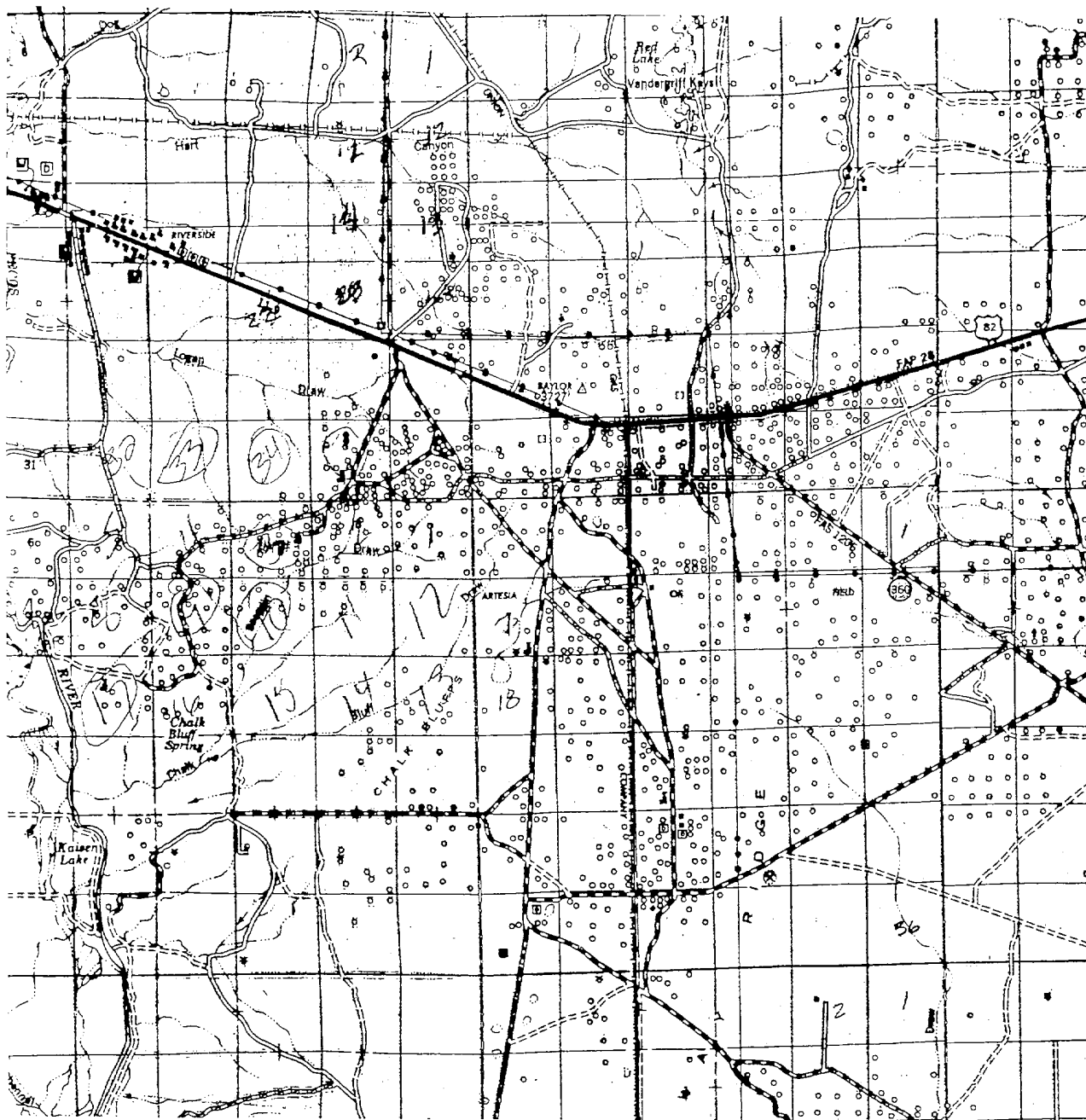
W.O. Number: 0549AA - KJG #122

Survey Date: 09-28-2000

Scale: 1" = 2000'

Date: 09-29-2000

**LOUIS DREYFUS**  
**NATURAL GAS**  
**CORPORATION**



GERONIMO "33" STATE #2  
 Located at 660' FNL and 660' FEL  
 Section 33, Township 17 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.

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 (505) 392-3074 - Fax  
[basinsurveys.com](http://basinsurveys.com)

W.O. Number: 0549AA - KJG #122

Survey Date: 09-28-2000

Scale: 1" = 2 MILES

Date: 09-29-2000

LOUIS DREYFUS  
 NATURAL GAS  
 CORPORATION