



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  
Department of Minerals & Natural Resources

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

<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 30-015-31043
<sup>4</sup> Property Code 25525	<sup>5</sup> Property Name Rio Cinco "26" State	<sup>6</sup> Well No. 1

<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
D	26	17S	28E		1220	North	660	West	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 Unres Empire Morrow South					<sup>10</sup> Proposed Pool 2 Foot 2 2 20				

<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 3611'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 10,900'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date 5/05/00

<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#	425'	450 sks	Surface
12 1/4"	9 5/8"	36#	2,100'	900 sks	Surface
8 3/4"	5 1/2"	17#	10,900'	900 sks	6000'
				1300 sks	Tie back to 95/8"

<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.

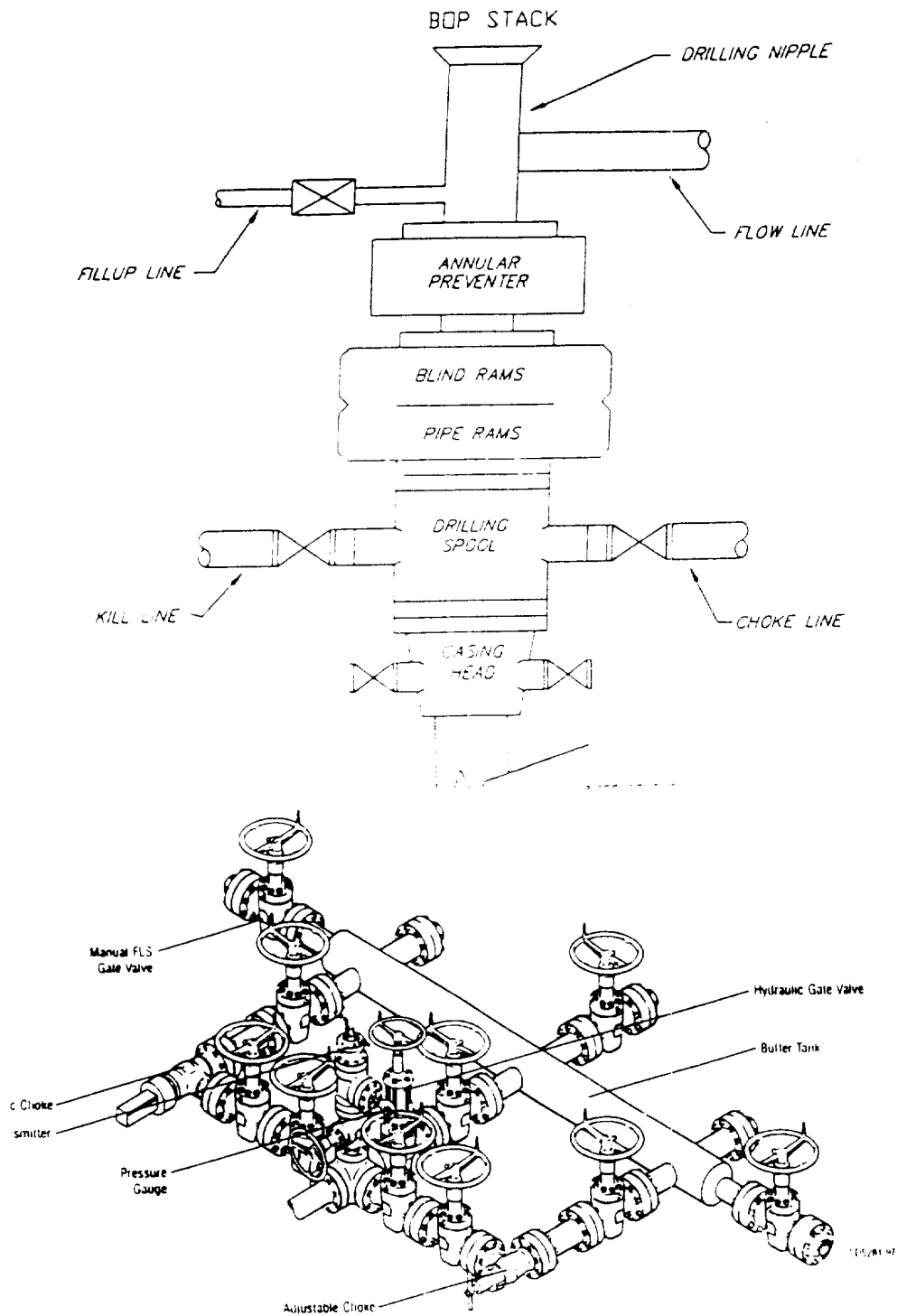
1. Drill 17 1/2" hole to  $\pm$  425'. Run 13 3/8" csg. and cement to surface w/450 sks. cement.
2. Drill 12 1/4" hole to  $\pm$  2,100'. Set 9 5/8" csg. and cement to surface w/900 sks cement.
3. Drill 8 3/4" hole to  $\pm$  10,900'. Run 5 1/2" csg. and cement to  $\pm$  6000' w/900 sks cement.

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: <u>Carla Christian</u>		OIL CONSERVATION DIVISION	
Printed name: Carla Christian		Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b> B6X <b>DISTRICT II SUPERVISOR</b>	
Title: Regulatory Technician		Title:	
Date: 3/21/00		Approval Date: 3-23-00	Expiration Date: 3-23-01
Phone: (405) 749-5263		Conditions of Approval: Attached <input type="checkbox"/>	

## Exhibit 6

### TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC



Typical Choke Manifold Designed for Land Drilling Applications

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised February 10, 1994  
Instruction on back  
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 76400	Pool Name Empire Morrow South
Property Code	Property Name RIO CINCO "26" STATE	Well Number 1
OGRID No. 025773	Operator Name LOUIS DREYFUS NATURAL GAS CORPORATION	Elevation 3611'

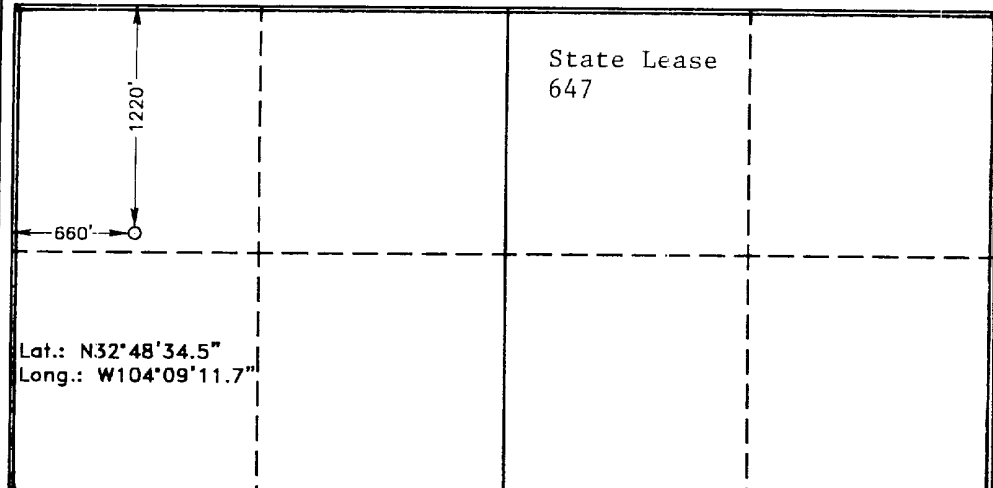
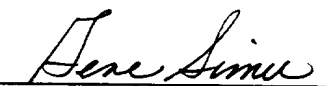
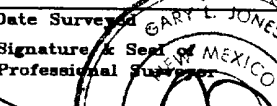
**Surface Location**

UL or lot No. D	Section 26	Township 17 S	Range 28 E	Lot Idn	Feet from the 1220	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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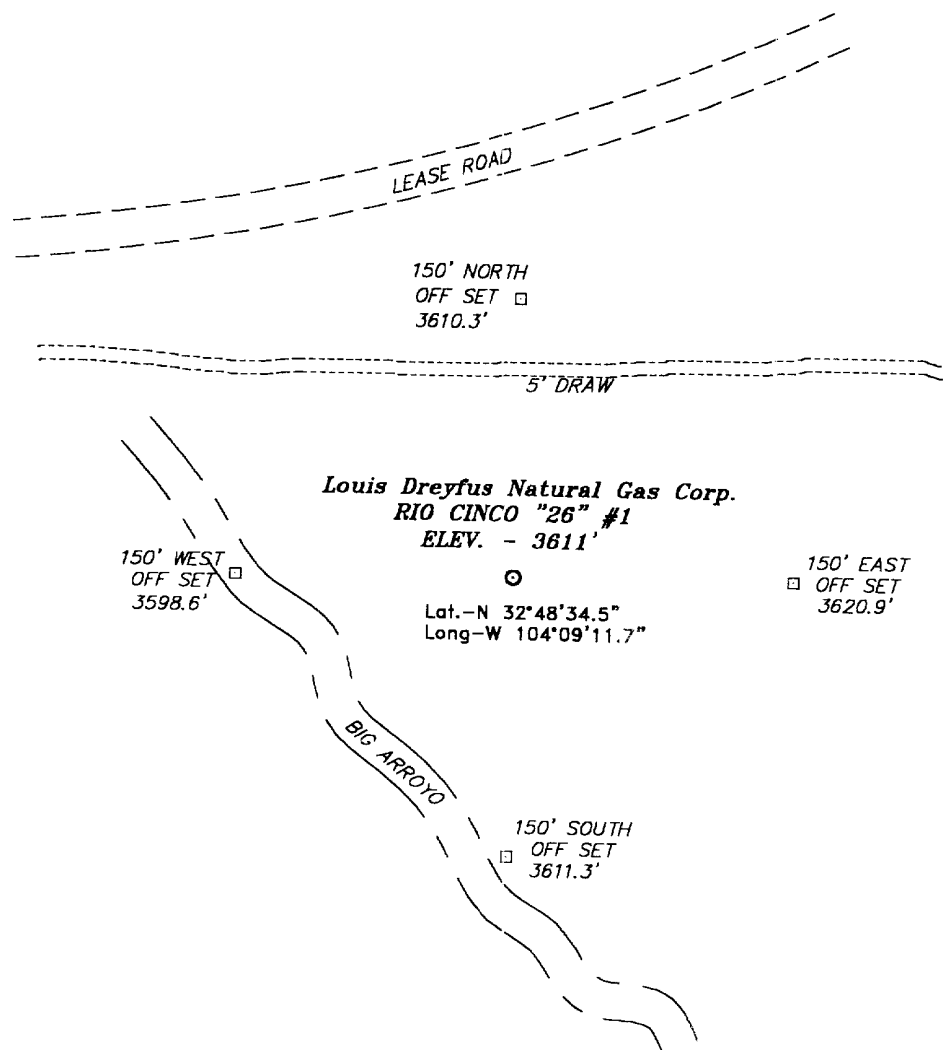
**Bottom Hole Location If Different From Surface**

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 N/A	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

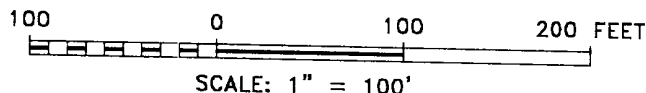
	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Gene Simer Printed Name District Operations Mgr. Title 03/16/00 Date
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown 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.  March 13, 2000 Date Surveyed  Signature & Seal of Professional Surveyor 7977 No. 01364 Certificate No. 7977 BASIN SURVEYS

SECTION 26, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 82 & STATE HWY 360, GO EAST ON US HWY 83 APPROX. 1.1 MILE TO CO. RD. 209; THENCE NORTH ON CO. RD. 209 APPROX. 3800 FEET TO A LEASE ROAD; THENCE WEST ON LEASE ROAD APPROX. 1800 FEET TO A POINT WHICH LIES APPROX. 230 FEET FROM THE PROPOSED WELL LOCATION.



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

W.O. Number: 0136 Drawn By: **K. GOAD**

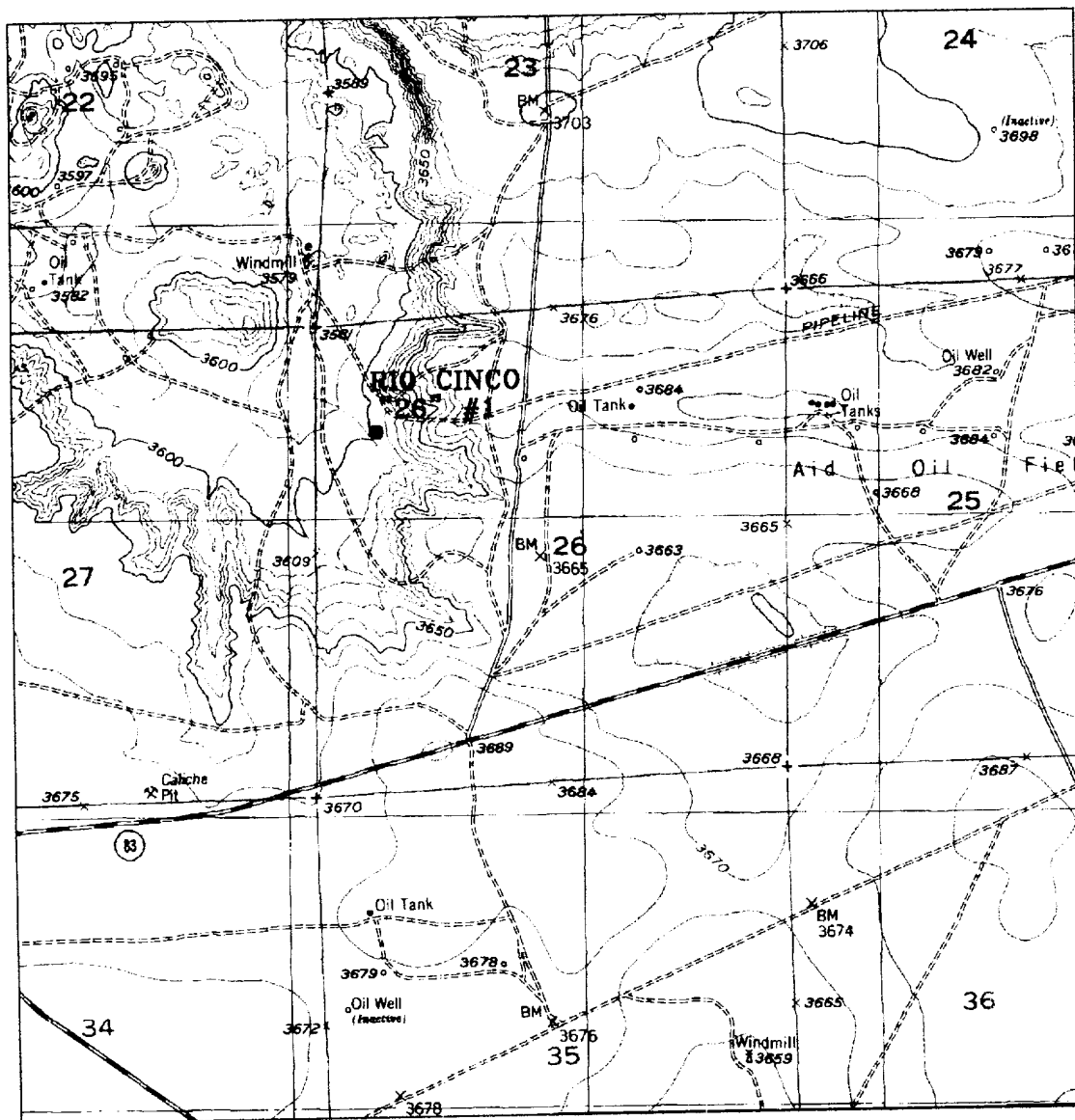
Date: 03-14-2000 Disk: KJG #122 — 0136A.DWG

**Louis Dreyfus Natural Gas Corp.**

REF: Rio Cinco "26" #1/ Well Pad Topo

THE RIO CINCO "26" No. 1 LOCATED 1220' FROM  
THE NORTH LINE AND 660' FROM THE WEST LINE OF  
SECTION 26, TOWNSHIP 17 SOUTH, RANGE 28 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 03-13-2000 Sheet 1 of 1 Sheets



# RIO CINCO "26" #1

Located at 1220' FNL and 660' FWL  
 Section 26, 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 1785  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
 basinsurveys.com

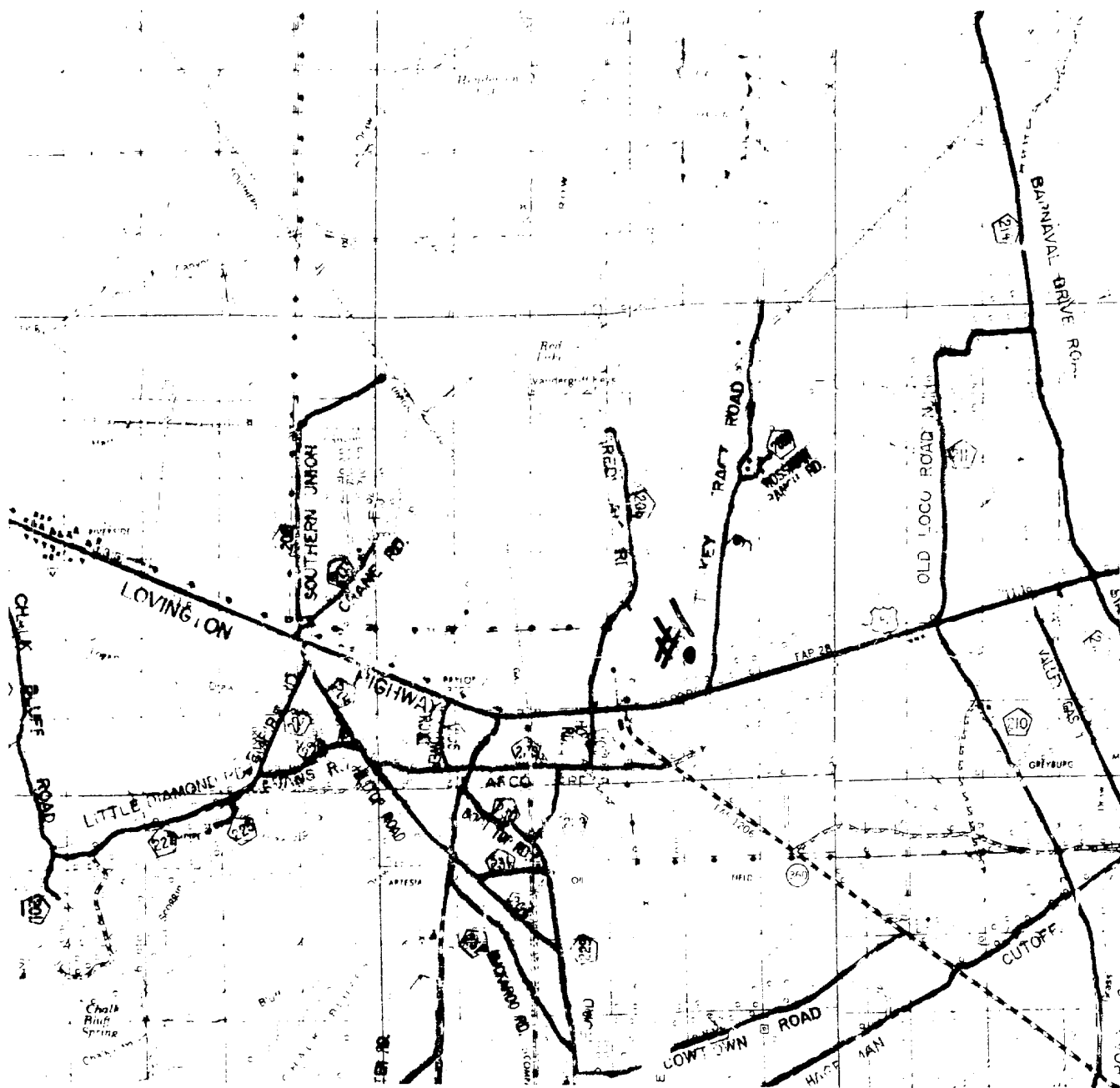
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Survey Date: 03-13-2000

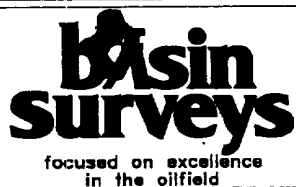
Scale: 1" = 2000'

Date: 03-14-2000

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



RIO CINCO "26" #1  
 Located at 1220' FNL and 660' FWL  
 Section 26, Township 17 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.



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

W.O. Number: 0136AA - KJG #122

Survey Date: 03-13-2000

Scale: 1" = 2 MILES

Date: 03-14-2000

LOUIS DREYFUS  
 NATURAL GAS  
 CORPORATION