

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

Form C-101
Revised March 12, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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 Corp. 14000 Quail Springs Parkway - Suite 600 Oklahoma City, OK 73134		² OGRID Number 25773
⁴ Property Code 28419		³ API Number 30-025-35634
⁵ Property Name Toro "22" State		⁶ Well No. 4

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
F	22	19S	35E		1650	North	1880	West	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

⁹ Proposed Pool 1

¹⁰ Proposed Pool 2

Scharb, Klein Ranch, Wolfcamp, SE

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3752'
¹⁶ Multiple N	¹⁷ Proposed Depth 11,300	¹⁸ Formation Wolfcamp	¹⁹ Contractor Patterson	²⁰ Spud Date 7/23/01

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#	600'	480 sks	Surface
11"	8 5/8"	32#	5,100'	1800 sks	Surface
7 7/8"	5 1/2"	17#	11,300'	925 sks	7,000'

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 $\pm$ 600'. Run 13 3/8" csg. and cement to surface w/480 sks cement.
2. Drill 11" hole to $\pm$ 5,100'. Set 8 5/8" csg. and cement to surface w/1800 sks cement.
3. Drill 7 7/8" hole to $\pm$ 11,300'. Run 5 1/2" csg. and cement to 7,000' w/925 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: 7/16/2001 Phone: 405-749-5263

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

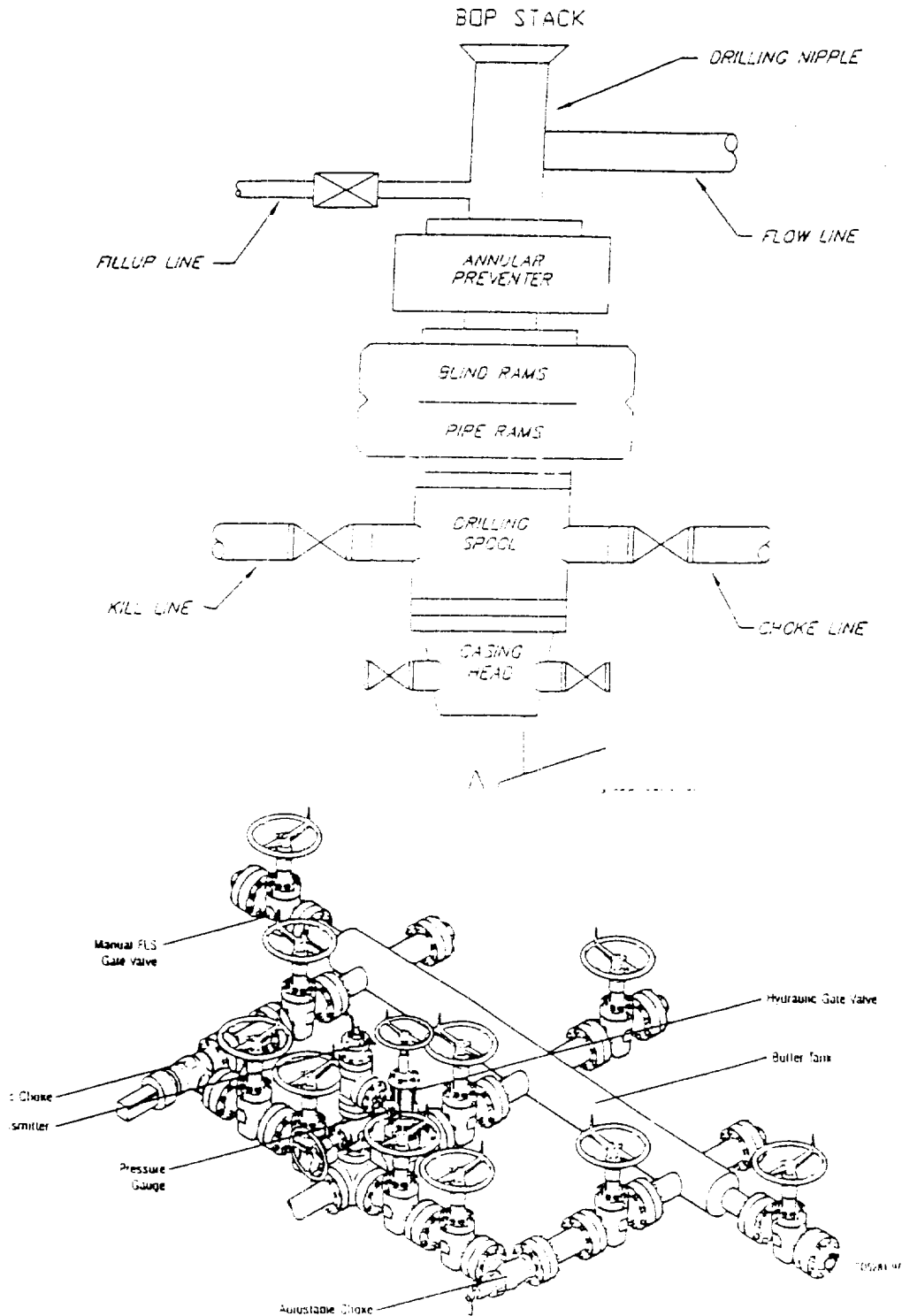
Condition of Approval:

Attached ☐

MP

Exhibit 6

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



Typical Choke Manifold Designed for Land Drilling Applications

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <u>30-025-35634</u>	Pool Code <u>55650</u>	Pool Name <u>Scharb;</u> <u>Klein Ranch; Wolfcamp, SE</u>
Property Code <u>28419</u>	Property Name TORO "22" STATE	Well Number 4
GRID No. <u>025773</u>	Operator Name LOUIS DREYFUS NATURAL GAS CORPORATION	Elevation 3752'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	22	19 S	35 E		1650	NORTH	1880	WEST	LEA

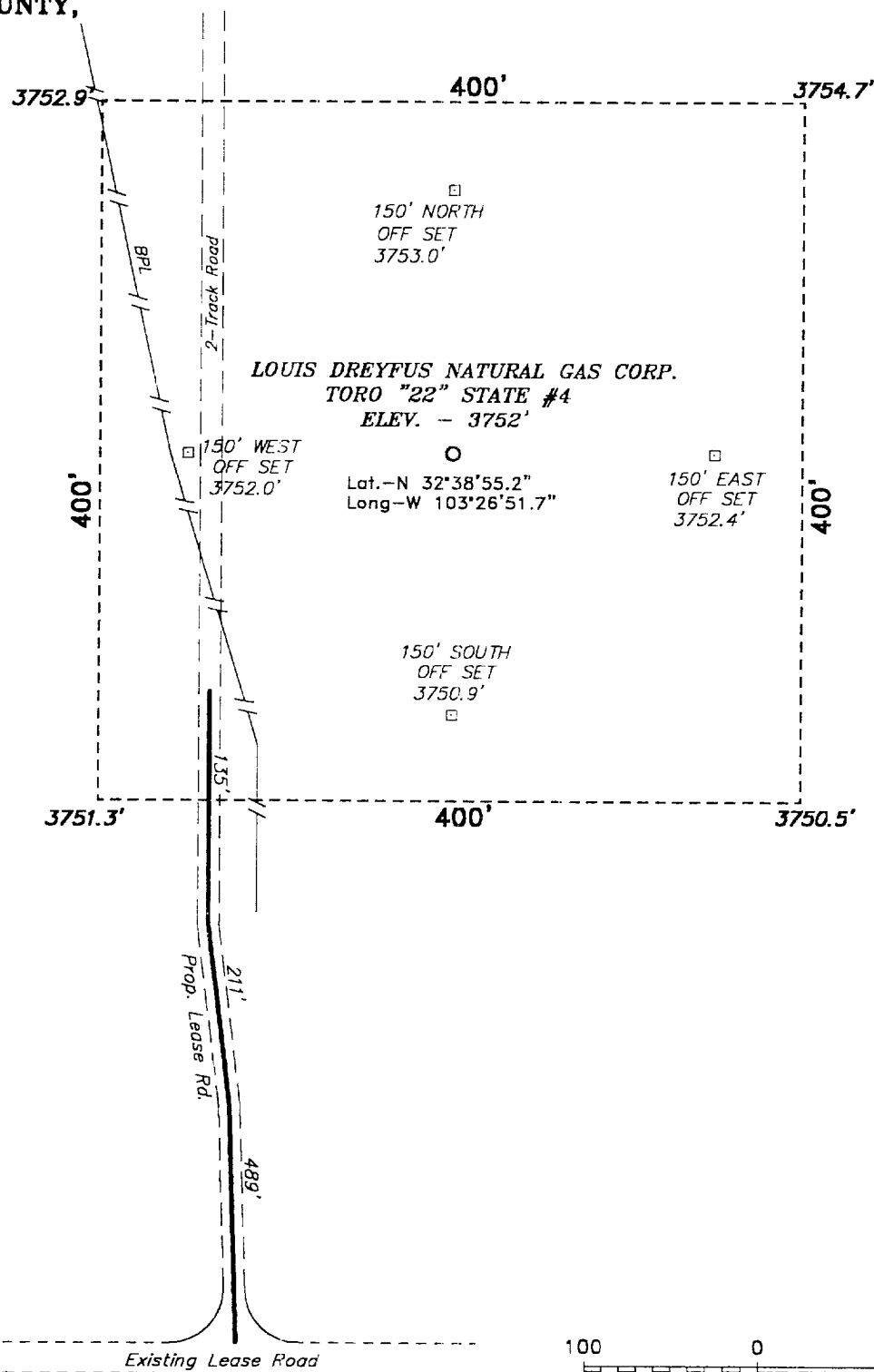
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

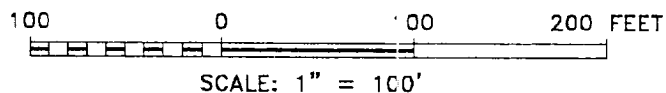
	OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. <u>Carla Christian</u> Signature <u>Carla Christian</u> Printed Name <u>Regulatory Technician</u> Title <u>July 15, 2001</u> Date SURVEYOR CERTIFICATION I hereby certify 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>July 12, 2001</u> Date Surveyed <u>W.D. No. 1683</u> Signature & Seal of Professional Surveyor <u>W.D. No. 1683</u> Certificate No. <u>9977</u> L. Jones 7977 Basin Surveys
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SECTION 22, TOWNSHIP 19 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 62/180 AND CO.
RD. H37, GO SOUTHEAST ON H37 FOR 1.2 MILE
THROUGH CATTLE GUARD; THENCE EAST FOR 750
FEET TO A 2-TRACK ROAD AND PROPOSED LEASE
ROAD.



Louis Dreyfus Natural Gas Corp.

REF: Toro "22" State #4 / Well Pad Topo

THE TORO "22" STATE No. 4 LOCATED 1650' FROM
THE NORTH LINE AND 1880' FROM THE WEST LINE OF
SECTION 22, TOWNSHIP 19 SOUTH, RANGE 35 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 1683

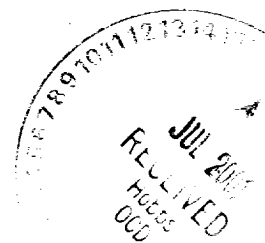
Drawn By: K. GOAD

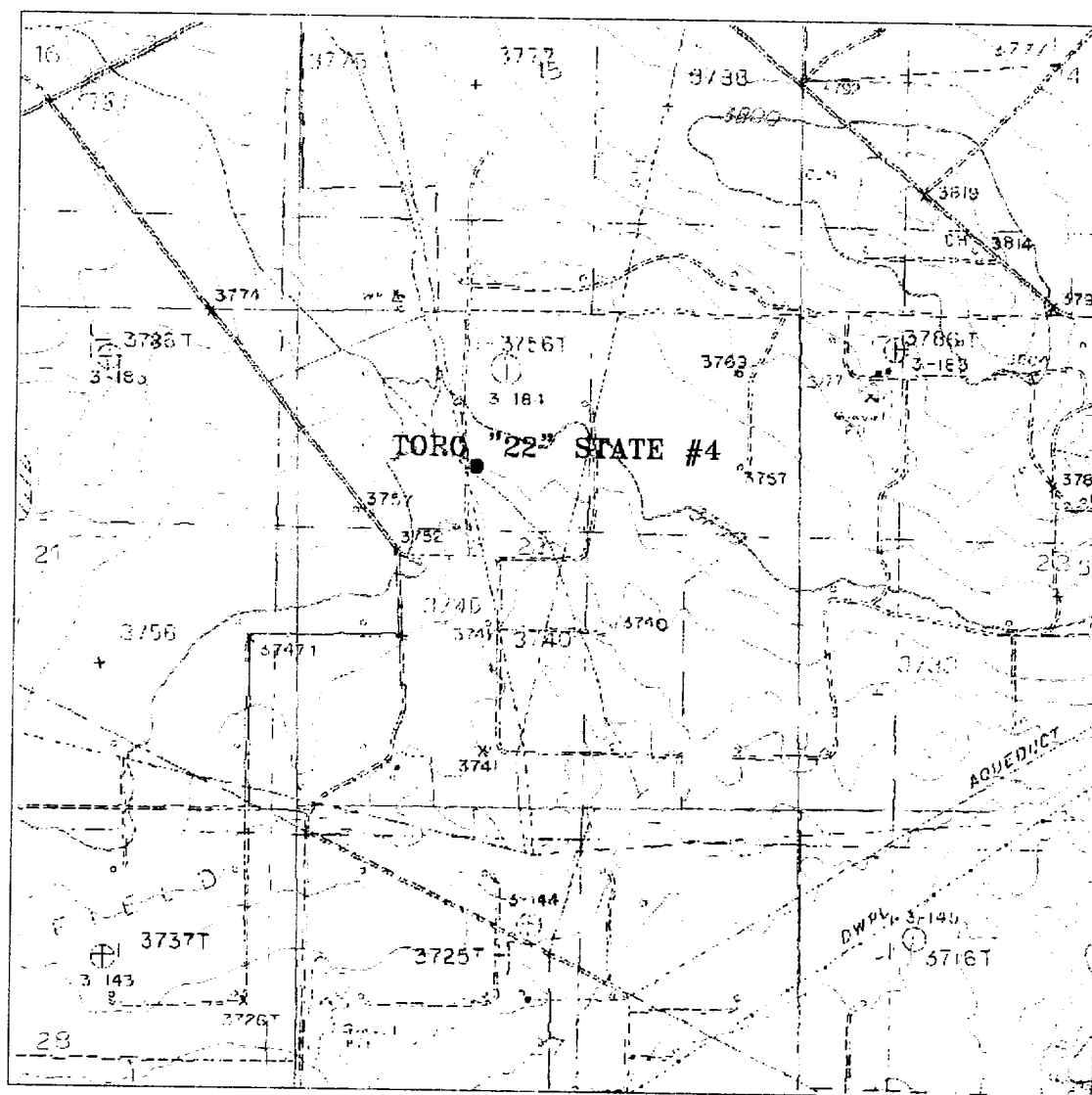
Date: 07-13-2001

Disk: KJG CD#4 - 1683A.DWG

Survey Date: 07-12-2001

Sheet 1 of 1 Sheets





TORO "22" STATE #4

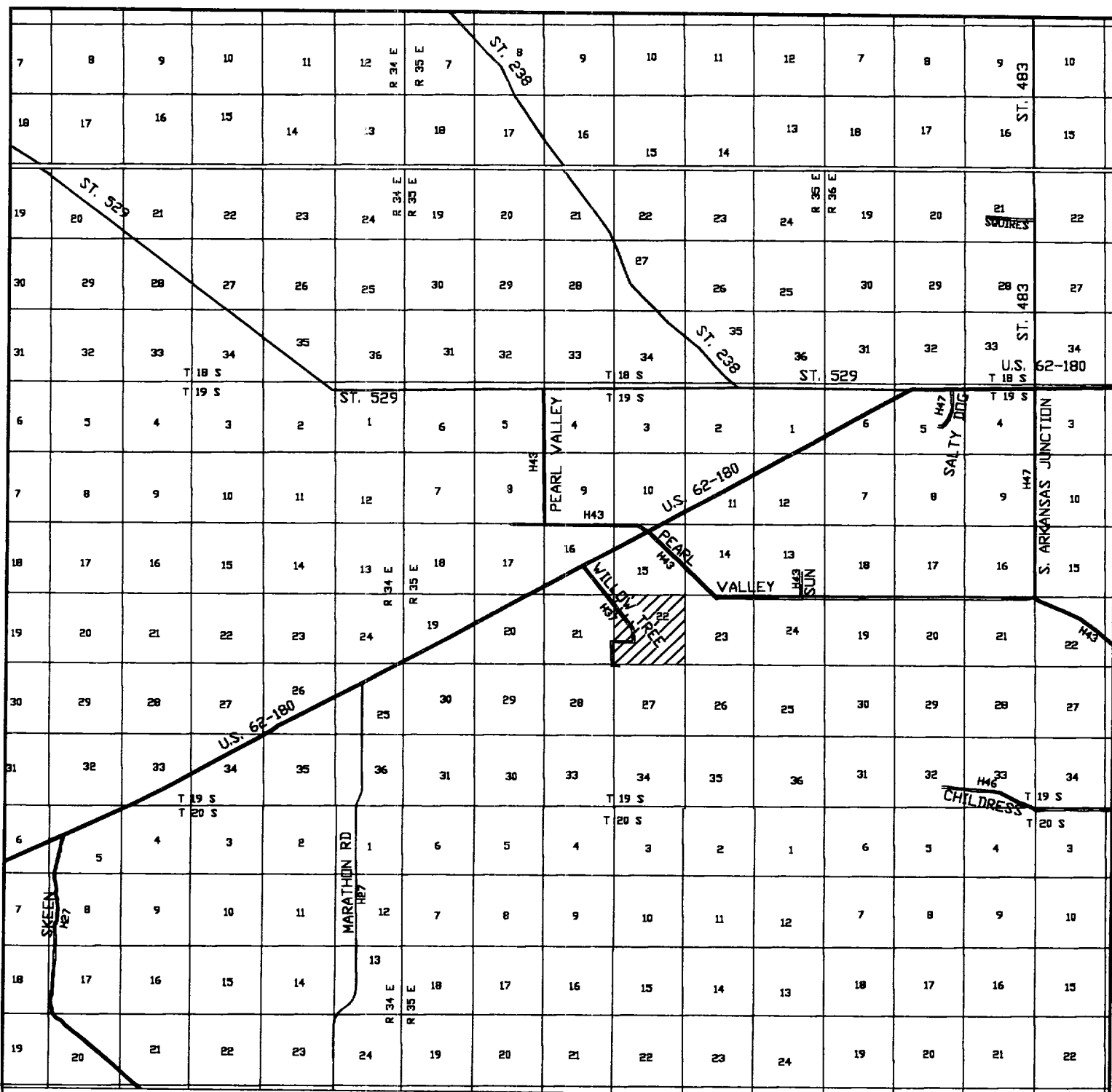
Located at 1650' FNI and 1880' FWL
 Section 22, Township 19 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1733
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number:	1683AA - KJG CD#5
Survey Date:	07-12-2001
Scale:	1" = 2000'
Date:	07-13-2001

**LOUIS DREYFUS
 NATURAL GAS
 CORPORATION**



TORO "22" STATE #4
 Located at 1650' FNL and 1880' FWL
 Section 22, Township 19 South, Range 35 East,
 N.M.P.M., Lea County, New Mexico.

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surveys

focused on excellence
 in the oilfield

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 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basin-surveys.com

W.O. Number: 1683AA - KJG CD#5

Survey Date: 07-12-2001

Scale: 1" = 2 miles

Date: 07-13-2001

LOUIS DREYFUS
 NATURAL GAS
 CORPORATION

WILL BE RELEASED
CONFIDENTIAL LOGS
INDICATED HEREIN

ABOUT THE LOGS

ELF
1/29/02

