

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

CISF
BLM
S&L
P



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	⁵ Property Name Saragossa "16" State	³ API Number 30-015-31174
		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
D	16	23S	26E		660	North	660	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
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3363'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,000'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson	²⁰ Spud Date 7/31/00

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#	10,825'	100 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.

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 10,825'. Run 4 1/2" liner and cement 300' inside 7" with 100 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: <i>Carla Christian</i>		OIL CONSERVATION DIVISION	
Printed name: Carla Christian		Approved by: <i>James W. Beum</i> BOX	
Title: Regulatory Technician		Title: <i>District Supervisor</i>	
Date: 6/01/00		Approval Date: JUN 05 2000 Expiration Date: JUN 05 2001	
Phone: (405) 749-5263		Conditions of Approval: Attached <input checked="" type="checkbox"/>	

* Operator to comply with any FRA requirements that may apply

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088

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
		Carlsbad South (Morrow) PM
Property Code	Property Name	Well Number
	SARAGOSA "16" STATE	1
OGRID No.	Operator Name	Elevation
025773	LOUIS DREYFUS NATURAL GAS CORPORATION	3363'

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	16	23 S	26 E		660	NORTH	660	WEST	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	Joint or Infill	Consolidation Code	Order No.
320	N		

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

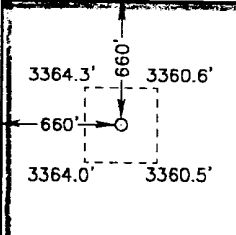
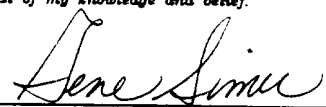
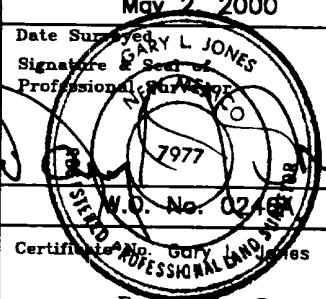
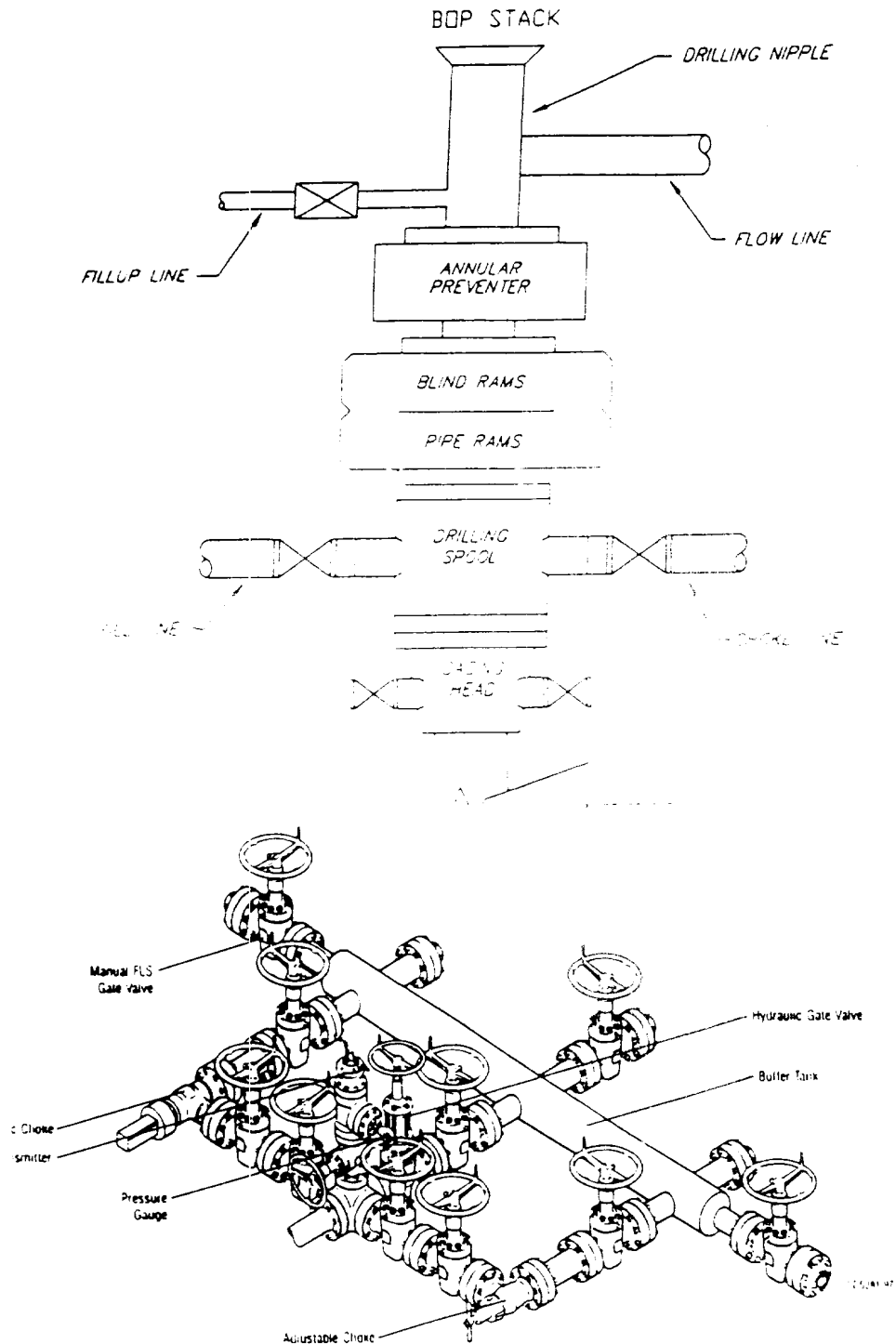
 Lat.: N32°18'35.9" Long.: W104°18'16.9"				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <u>Gene Simer</u> Printed Name <u>District Operations Mgr.</u> Title <u>05/19/00</u> Date
State Lease #LG-1443				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>May 2 2000</u> Date Surveyed <u>GARY L. JONES</u> Signature Professional Surveyor  W.O. No. 02468 Certificate No. 7977 BASIN SURVEYS

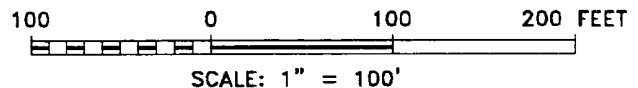
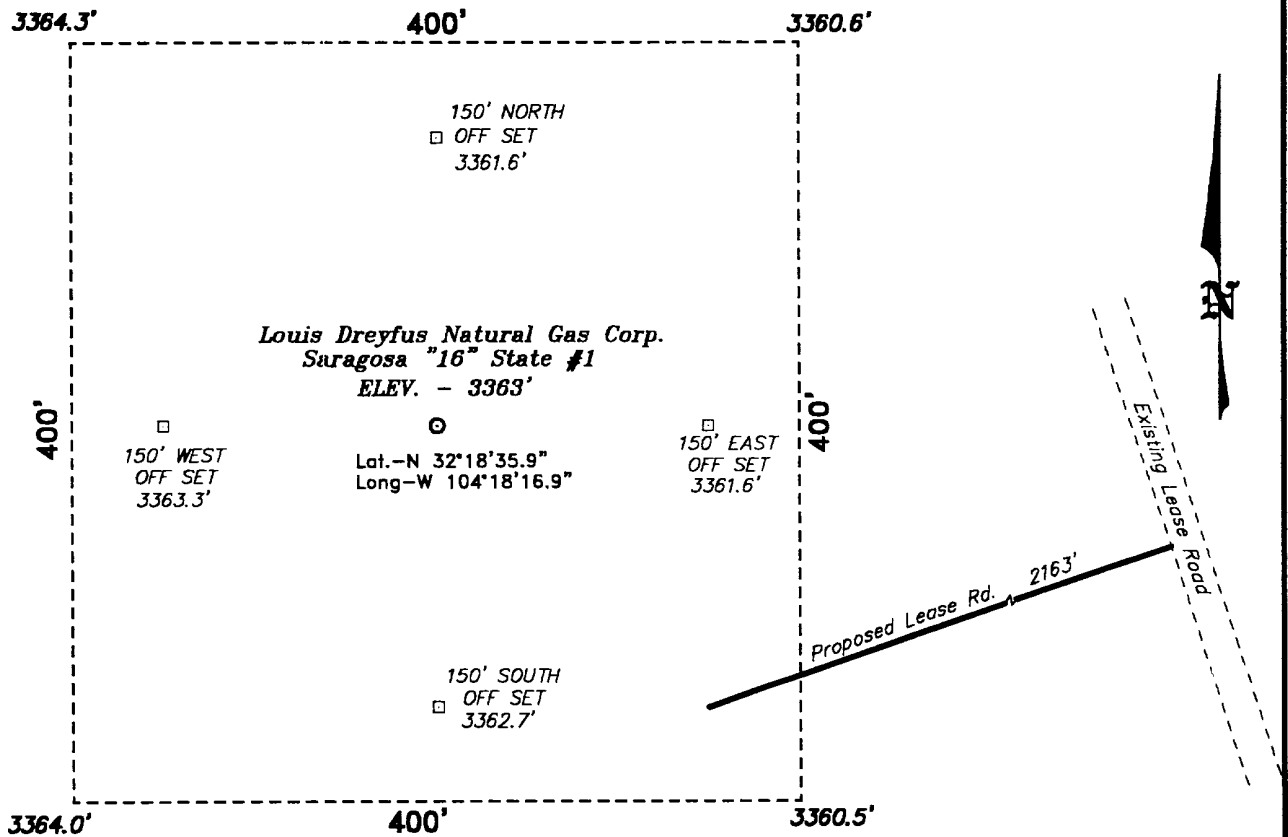
Exhibit 6

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



Typical Choke Manifold Designed for Land Drilling Applications

**SECTION 16, TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



Directions to Location:

FROM THE US HWY 62/180 AND CO. RD. 403 JUNCTION. GO WEST ON CO. RD. 403 APPROX. 1 MILE TO A POINT WHICH LIES APPROX. 1.5 MILE SOUTH OF THE PROPOSED WELL LOCATION.

Louis Dreyfus Natural Gas Corp.

REF: Saragosa "16" State #1 / Well Pad Topo

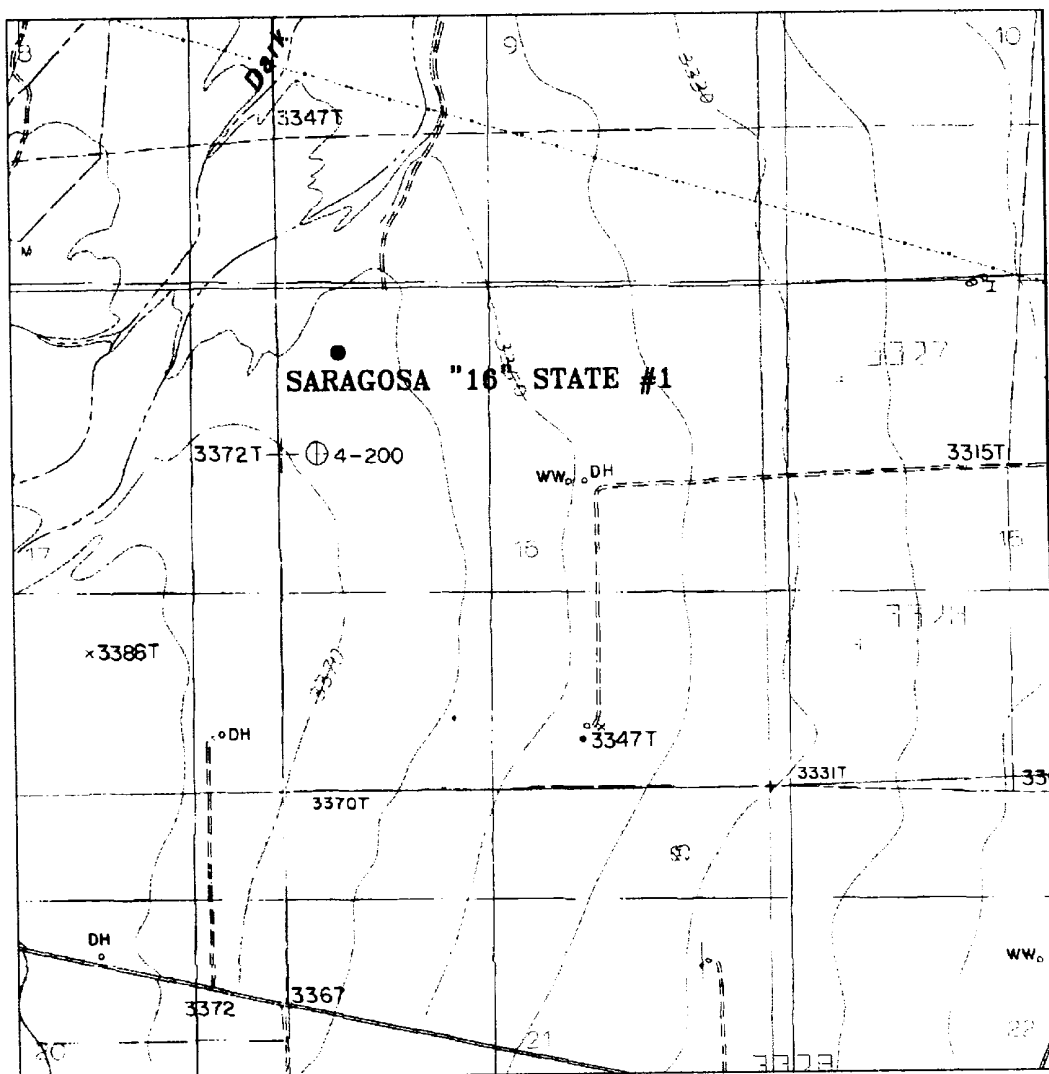
THE SARAGOSA "16" STATE No. 1 LOCATED 660' FROM THE NORTH LINE AND 660' FROM THE WEST LINE OF SECTION 16, TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 0246 Drawn By: **K. GOAD**

Date: 05-16-2000 Disk: KJG #122 — 0246A.DWG

Survey Date: 05-02-2000 Sheet 1 of 1 Sheets



SARAGOSA "16" STATE #1
 Located at 660' FNL and 660' FWL
 Section 16, Township 23 South, Range 26 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
 basin-surveys.com

W.D. Number: 0246AA - KUG #122

Survey Date: 05-02-2000

Scale: 1" = 2000'

Date: 05-16-2000

LOUIS DREYFUS
NATURAL GAS
CORPORATION

