District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

[X] AMENDED REPORT ✓

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address.	1 OGRID Number
LOUIS DREYFUS NATURAL GAS CORP. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	025773
	1 API Number 30 - 025-34423

4 Property Code	5 Property Name	6 Well No.
23412	TORO 33 STATE	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
G	33	19S	35E		1650	North	1650	East	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
Wildcat Morrow	

11 Work Type Code	12 Well Type Code	13 Cable/Rotary	14 Lease Type Code	15 Ground Level Elevation
N	G	R	S	3695'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
N	12,800'	Morrow		12/15/98

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#	620'	600	Surface
11"	9 5/8"	36#	5300'	1790	Surface
7 7/8"	5 1/2"	17#	12900'	1300	5000'

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 ±620'. Run 13 3/8" casing and cement to surface with 400 sxs. BJ Lite w/6% gel, 1/4#/sx. cello flake and 2% calcium chloride. Follow w/200 sxs. class C with 2% calcium chloride.
2. Drill 11" hole to ±5300'. Run 9 5/8" casing and cement to surface w/1590 sxs. BJ Lite containing 6% gel, 5 lb/sx. salt and 1/4#/sx. cello flake. Follow w/200 sxs. class C with 2% calcium chloride.
3. Drill 7 7/8" hole to ±12900'. Set 5 1/2" casing and cement to 9 5/8" string.

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: Terrye D Bryant

Printed name: Terrye D. Bryant

Title: Regulatory Technician

Date: 12/2/98

Phone: (405) 749-5287

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY

Title:

Approval Date: 9 1998

Expiration Date:

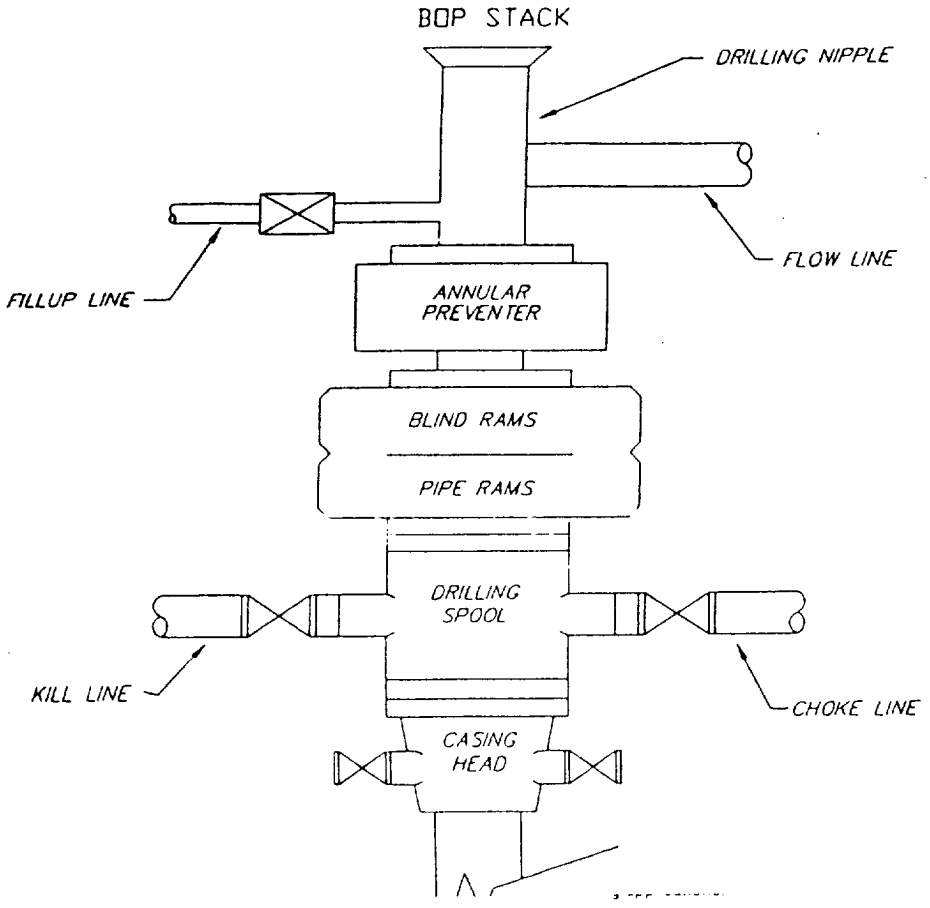
Conditions of Approval:
Attached ☐

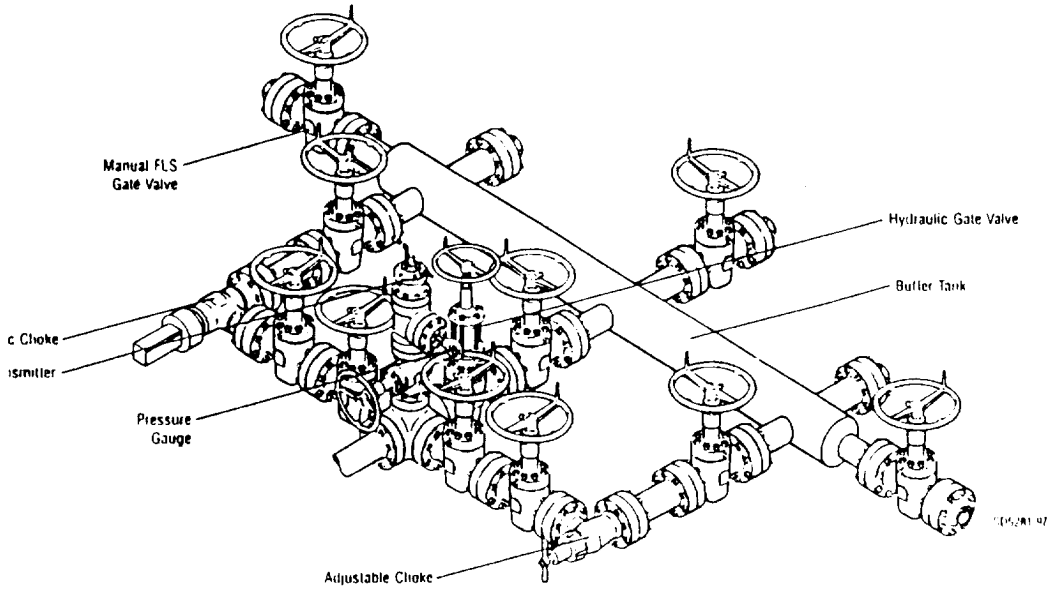
Permit Expires 1 Year From Approval Date Unless Drilling Underway

9/8

Exhibit 6

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





Typical Choke Manifold Designed for Land Drilling Applications