

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

☐ AMENDED 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 CORP. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		<sup>2</sup> OGRID Number 025773
		<sup>3</sup> API Number 30-025-34711
<sup>4</sup> Property Code 24885	<sup>5</sup> Property Name Toro 27	<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
E	27	19S	35E		1650	North	660	West	Lee 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 wildcat; Klein Ranch (Wolfcamp)									
<sup>10</sup> Proposed Pool 2									

<sup>11</sup> Work Type Code	<sup>12</sup> Well Type Code	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code	<sup>15</sup> Ground Level Elevation
N	0	Rotary	P	3735'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
N	11,500'	Wolfcamp		

<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# J-55	600'	500	Surface
12 1/4"	9 5/8"	36# J-55	5100'	2600	Surface
7 7/8"	5 1/2"	17# P-110	11500'	435	9500'

<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  $\pm 600'$ . Set 13 3/8" csg. @ 600'. Cement to surface w/500 sks. cement.
2. Drill 12 1/4" hole to  $\pm 5100'$ . Run 9 5/8" csg. to 5100'. Cement to surface w/2600 sks. cement.
3. Drill 7 7/8" hole to  $\pm 11500'$ . Set 5 1/2" csg. @ TD. Cement to  $\pm 9500'$  w/435 sks. cement.

See attached "Exhibit 6" for BOP program.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Title:

Date:

Terrye D. Bryant

Regulatory Technician

9/10/99

Phone:

(405) 749-5287

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILLIAM<sup>6</sup>  
DISTRICT I SUPERVISOR

Title:

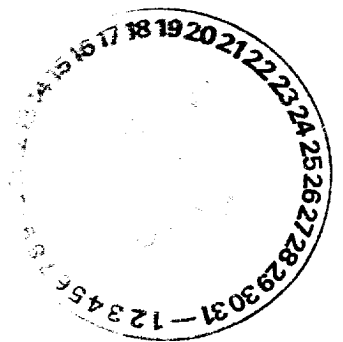
Approval:

Conditions of Approval:

Attached ☐

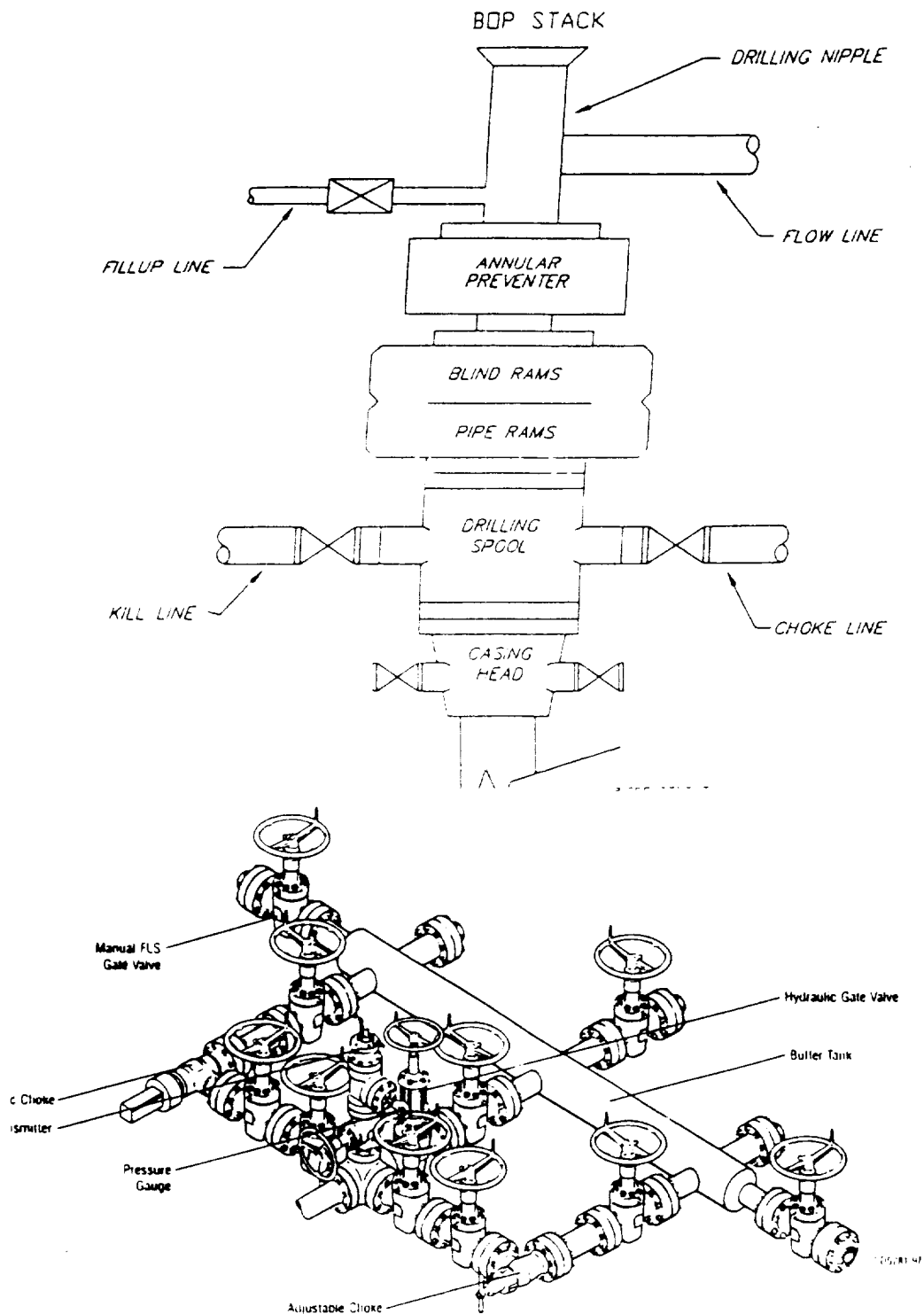
Expiration Date:

SEP 24 1999



## Exhibit 6

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



Typical Choke Manifold Designed for Land Drilling Applications

