

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

Operator Name and Address. Louis Dreyfus Natural Gas Corp. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		OGRID Number 025773
Property Code 23411	Property Name TORO 21 STATE COM	API Number 30-025-34492
		Well No. 1Y

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
H	21	19S	35E		2310	North	735	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
Proposed Pool 1 Wildcat Devonian					Proposed Pool 2 Wildcat Morrow				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3752
Multiple Y	Proposed Depth 14,000'	Formation Devonian	Contractor Nabors Drilling Co.	Spud Date 8/26/98

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
12 1/4"	9 5/8"	40#	5200'	1200	Surface
8 1/2"	7"	23#	14000'	1100	5000'

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.

- Drill 17 1/2" hole to $\pm 620'$. Run 13 3/8" casing and cement to surface with 400 sxs. BJ Lite w/6% gel, 1/4#/sxs. cello flake and 2% calcium chloride. Follow with 200 sxs. class C w/2% calcium chloride.
- Drill 12 1/4" hole to $\pm 5200'$. Run 9 5/8" casing and cement to surface with 1,000 sxs. BJ Lite containing 6% gel, 5 lb/sxs. salt and 1/4/sxs. cello flake. Follow with 200 sxs. class C w/2% calcium chloride.
- Drill 8 1/2" hole to $\pm 14000'$. Set 7" casing and cement to 9 5/8" string. See attached "Exhibit 6" for BOP assembly.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Terrye D. Bryant

Title:

Regulatory Technician

Date:

8/21/98

Phone:

(405) 749-5287

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNATURE OF CHRIS WILLIAMS

Title:

DISTRICT SUPERVISOR

Approval Date:

AUG 25 1998

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

yc
mp

C-101 Instructions

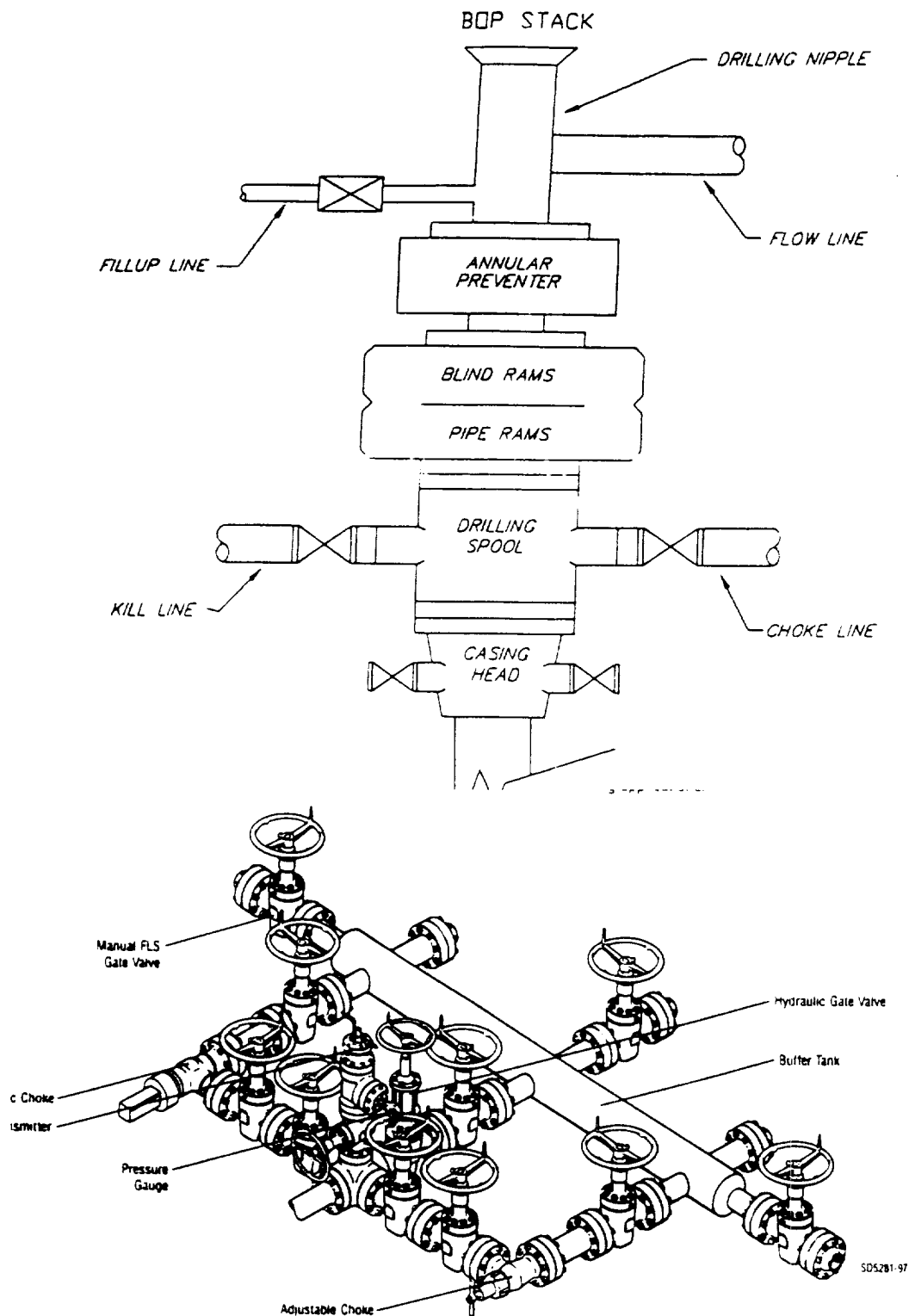
Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:
 N New well
 E Re-entry
 D Drill deeper
 P Plugback
 A Add a zone</p> <p>12 Well type code from the following table:
 O Single oil completion
 G Single gas completion
 M Multiple completion
 I Injection well
 S SWD well
 W Water supply well
 C Carbon dioxide well</p> <p>13 Cable or rotary drilling code
 C Propose to cable tool drill
 R Propose to rotary drill</p> <p>14 Lease type code from the following table:
 F Federal
 S State
 P Private
 N Navajo
 J Jicarilla
 U Ute
 I Other Indian tribe</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> | <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> <p>20 Anticipated spud date.</p> <p>21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.</p> |
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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 1880, Hobbs, NM 88241-1880

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P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 8088, Santa Fe, N.M. 87504-2088

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34492	Pool Code	Pool Name Wildcat-Derron
Property Code 23411	Property Name TORO 21 STATE COM	Well Number 1Y
OGRID No.	Operator Name LOUIS DREYFUS NATURAL GAS CORP.	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
H	21	19 S	35 E		2310	NORTH	735	EAST	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	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>Calvin C. Daniel</u> Signature <u>Calvin C. DANIEL</u> Printed Name <u>Asst. Foreman</u> Title <u>8-21-98</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. MAY 29, 1998 Date Surveyed Signature: <u>Ronald J. Hudson</u> Professional Surveyor NEW MEXICO REGISTRATION NO. 8-13-117 Certificate No. RONALD J. HUDSON 3239