

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 ResourcesOIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505Form C-101
Revised March 12, 1999Submit 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 025773
⁴ Property Code 020209		³ API Number 30-0 15-29351
⁵ Property Name McKITTRICK 29 FEDERAL COM.		⁶ Well No. 22

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
E	29	22S	26E		1715'	North	1160'	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

Wildcat (Penn)

¹⁰ Proposed Pool 2

Carlsbad Wolfcamp, SE

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3412'
¹⁶ Multiple No	¹⁷ Proposed Depth 10,180' PBDT	¹⁸ Formation Penn/Wolfcamp	¹⁹ Contractor	²⁰ Spud Date 1/24/00

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	16"	75#	369'	996	Surface
14 3/4"	10 3/4"	40.5#	1652'	1508	Surface
9 7/8"	7 5/8"	19.7 & 26.4#	9205'	1600	Surface
6 1/2"	5" liner	18#	8993'-11661'	370	
CIBP @ 11530', CIBP @ 11,000', CIBP @ 10,215' w/35' cement on each plug					

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.

See attached "Exhibit 6" for BOP plan. Louis Dreyfus Natural Gas Corp. plans to set a CIBP @ 10,215' w/35' of cement on top of plug. The well is currently producing from the Sheep Draw, Strawn, NE @ a depth of 10,265' - 276'. The producing formation will be plugged back and new perms done in the Penn at a depth of 9,078'-128'. Well will then be tested and evaluated. If successful completion, the well will be turned to production. If completion is not economic, the well will either be plugged back and the Wolfcamp completed at a depth of 8,578'-600' or production from the Penn and Wolfcamp will be commingled. If commingled, Louis Dreyfus will apply for an order allowing commingling.

²³ 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:

1/25/00

Phone:

(405) 749-5287

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

2-9-00

Expiration Date:

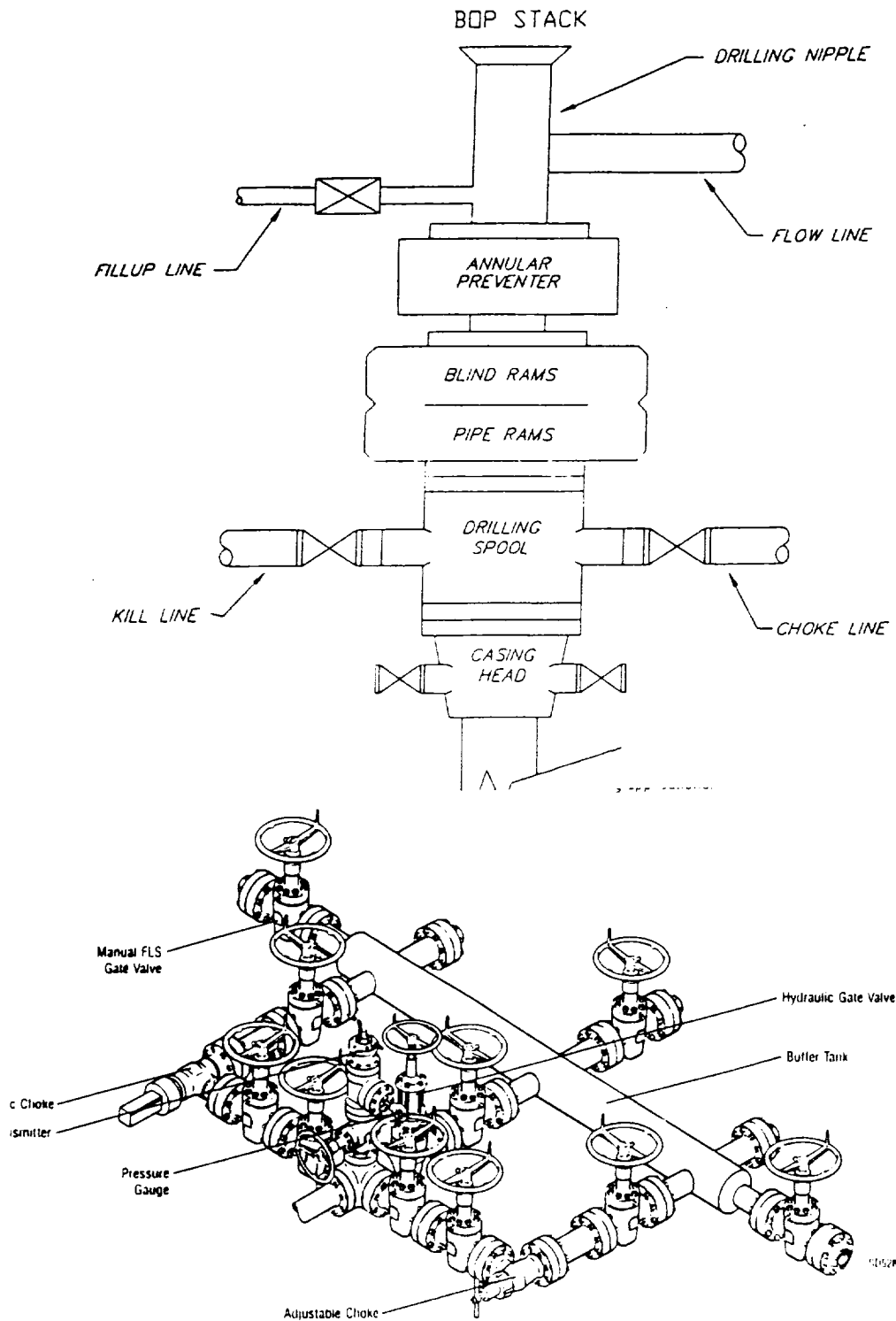
2-9-01

Conditions of Approval:

Attached ☐

Exhibit 6

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



Typical Choke Manifold Designed for Land Drilling Applications