

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTMIN OIL, GAS, COAL, GEOTHERMAL  
SUBMIT IN T  
Other Instru  
Reverse sideFORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

C/SF

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

NM- 61349

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

5. FARM OR LEASE NAME, WELL NO. 17604  
Quahada Ridge "6" Federal #1

## 9. API WELL NO.

30-015-28645

## 10. FIELD AND POOL, OR WILDCAT

Heardville Bend, East  
Quahada Ridge Delaware SE11. SEC., T., R., M., OR BLE.  
AND SURVEY OR AREA

Sec. 6 T23S-R29E

## 12. COUNTY OR PARISH

Eddy

NM

## 2. NAME OF OPERATOR

Louis Dreyfus Natural Gas Corp. (Kent Sams)

## 3. ADDRESS AND TELEPHONE NO.

14000 Quail Springs Parkway Suite 600  
Oklahoma City, Oklahoma 73134 Ph. 405-749-5259

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 660' FNL &amp; 430' FWL Sec. 6 T23S-R29E

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 4 1/2 Miles Northeast of Loving New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

430'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2640'

## 16. NO. OF ACRES IN LEASE

934

## 17. NO. OF ACRES ASSIGNED

40

## 19. PROPOSED DEPTH

6550'

## DIST. 2

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3107' GR.

## 22. APPROX. DATE WORK WILL START\*

08/15/95

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

R-111-P Potash

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	J-55 13 3/8"	54.5	350'	475 Sx. Circulate to surface
12 1/4"	J-55 8 5/8"	24 & 32	2700'	825 Sx. Circulate to surface
7 7/8"	J-55 5 1/2"	15.5 & 17	6550'	900 Sx Top Cement 2200'

1. Drill 17 1/2" hole to 350'. Run and set 350' of 13 3/8" J-55 8-R ST&C csg. Cement with 475 Sx. Class "C" + 2% CaCl, circulate cement to surface.
2. Drill 12 1/4" hole to 2700'. Run and set 2700' of 8 5/8" J-55 24 & 32 # ST&C casing. Cement with 600 Sx. 50/50 POZ Class "C", tail in with 225 Sx Class "C" + 2% CaCl circulate cement to surface.
3. Drill 7 7/8" hole to 6550'. Run and set 6550' of 5 1/2" J-55 15.5 7 17# 8-R LT&C casing. DV tool at 4200' cement 1st stage with 500 Sx. 50/50 POZ Class "H" + additives, 2nd stagewith 400 Sx. 50/50 POZ Class "H" + additives. Top of cement 2200' 500' into 8 5/8" casing.

Post FD-1  
9-29-95  
New Loc & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Joe T. Lucco

TITLE Agent

DATE 07/14/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHEDApplication approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would be subject to approval or stipulations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

B/G. /beat J Lucco

TITLE

Acting STATE Director

DATE

9-6-95

\*See Instructions On Reverse Side

P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-28645	30670	<del>QUAHADA RIDGE DELAWARE SOUTHEAST</del>
Property Code	Property Name	Well Number
	QUAHADA RIDGE "6" FEDERAL	11
OGRID No.	Operator Name	Elevation
25773	LOUIS DREYFUS NATURAL GAS CORP.	3107

### 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 LOT 4	6	23 S	29 E		660	NORTH	430	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 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

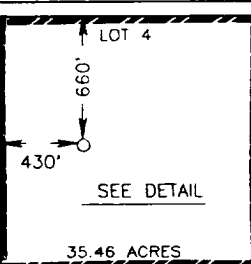
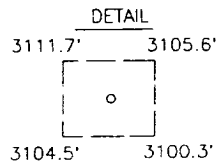
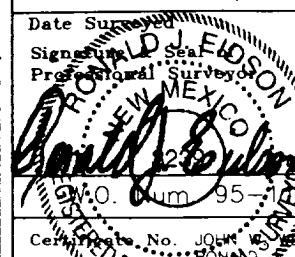
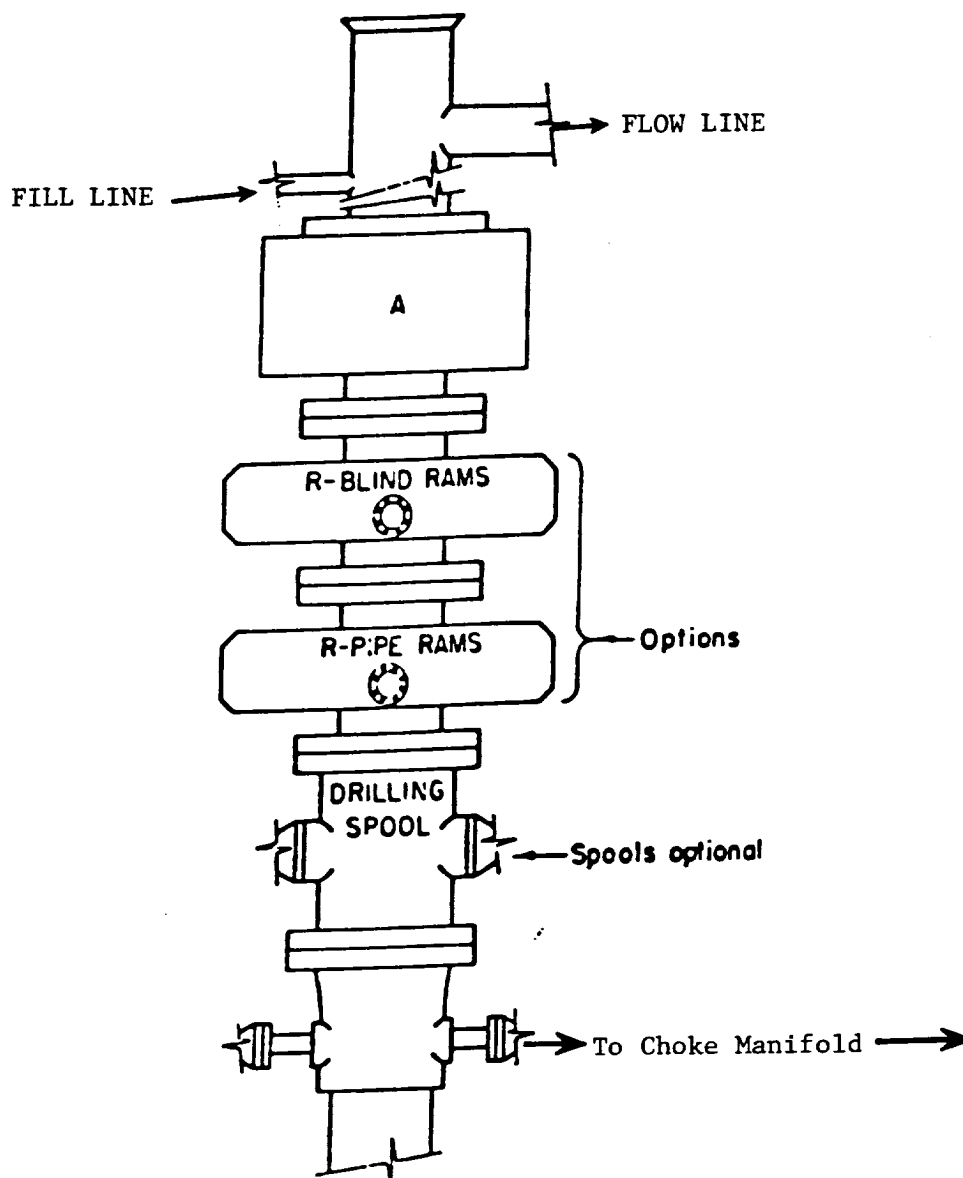
 <p>LOT 4</p> <p>430'</p> <p>660'</p> <p>SEE DETAIL</p> <p>35.46 ACRES</p>	<p>LOT 3</p> <p>39.06 ACRES</p>	<p>LOT 2</p> <p>39.87 ACRES</p>	<p>LOT 1</p> <p>39.87 ACRES</p>	<p align="center"><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p align="right"><i>Joe T Janica</i></p> <hr/> <p align="right">Signature</p> <hr/> <p align="right">Joe T. Janica</p> <hr/> <p align="right">Printed Name</p> <hr/> <p align="right">Agent</p> <hr/> <p align="right">Title</p> <hr/> <p align="right">07/14/95</p> <hr/> <p align="right">Date</p> <hr/>
<p>LOT 5</p> <p>35.45 ACRES</p>	<p align="center">DETAIL</p> <p align="center">  </p>			<p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p align="right">JUNE 29, 1995</p> <hr/> <p>Date Surveyed</p> <hr/> <p>Signature</p> <hr/> <p>Professional Surveyor</p> <hr/> <p align="right">DAM</p>
<p>LOT 6</p> <p>36.05 ACRES</p> <p>LOT 7</p> <p>36.05 ACRES</p>				<div style="text-align: center;">  </div> <hr/> <p>Certificate No. JOHN EIDSON 676</p> <p>JOHN EIDSON 3239</p> <p>JOHN EIDSON 12641</p>

EXHIBIT "A"



# **ARRANGEMENT SRRA**

900 Series  
3000 PSI WP

EXHIBIT "E"  
B.O.P. SKETCH TO BE USED ON  
LOUIS DREYFUS NATURAL GAS CORP.  
QUAHADA RIDGE "6" FEDERAL # 11  
660' FNL & 430' FWL SEC. 6  
T23S-R29E EDDY CO. NM

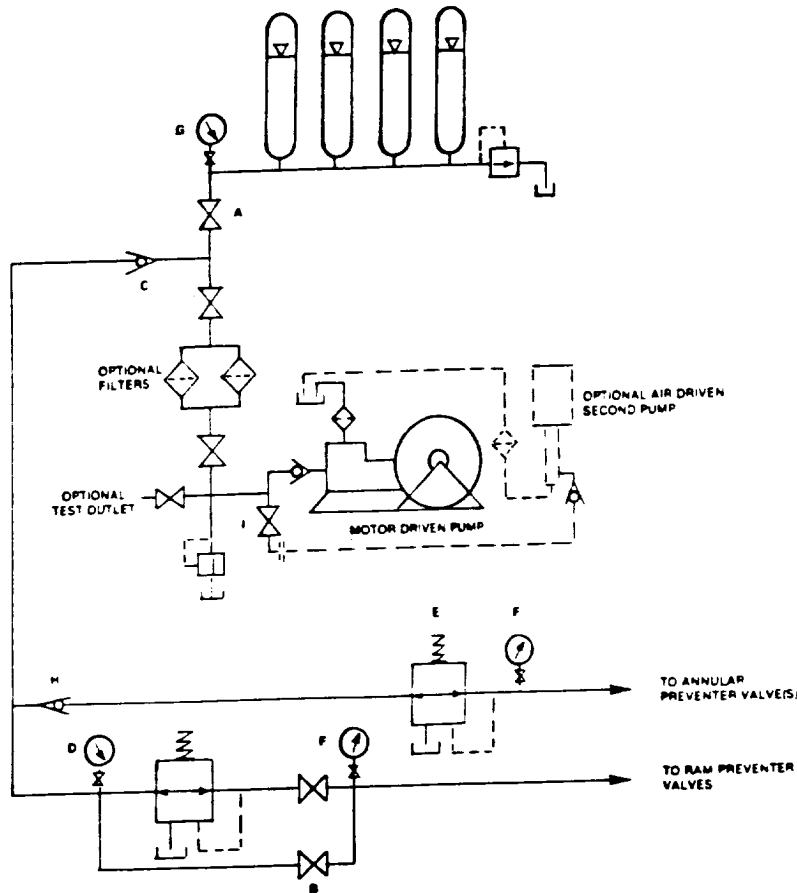


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

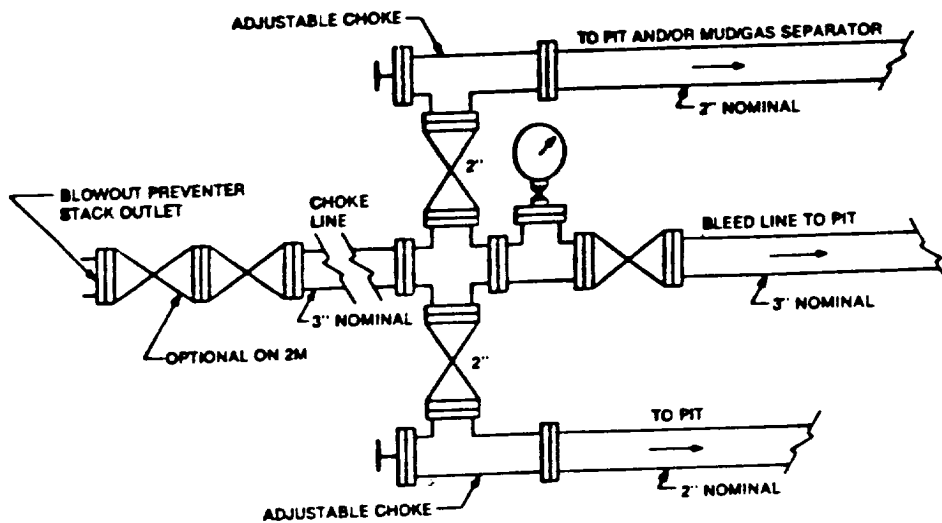


FIGURE K4-1. Typical choke manifold assembly for 2M and 3M working pressure service — surface installation.

EXHIBIT "E-1"  
 CHOKE MANIFOLD & CLOSING UNIT  
 LOUIS DREYFUS NATURAL GAS CORP.  
 QUAHADA RIDGE "6" FEDERAL # 11  
 660' FNL & 430' FWL SEC. 6  
 T23S-R29E EDDY CO. NM