

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0331649-A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Louis Dreyfus Natural Gas Corp. 25773		7. UNIT AGREEMENT NAME 12027	
3. ADDRESS AND TELEPHONE NO. Suite 600 14000 Quail Springs Parkway Oklahoma City, OK 73134		8. FARM OR LEASE NAME, WELL NO. Ram Ewe Federal # 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2080' FSL & 990' FEL Sec. 33 T22S-R26E Eddy Co. NM At proposed prod. zone Same		9. API WELL NO. 30-015-28568	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Unit (C) 5 Mi Southwest of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Happy Valley-Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 330' (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33 T22S-R26E	
16. NO. OF ACRES IN LEASE 440		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 990'		19. PROPOSED DEPTH 5100'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 06/01/95	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) GR. 3313		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	K-55 13 3/8"	54.5	500	400 Sx. Class "C" Circulate to
11"	J-55 8 5/8"	24	1650	600 Sx. Class "C" CIRCULATE
7 7/8"	K-55 5 1/2"	15.5	5100	1st stage 350 Sx. 50/50 POZ C1
				2nd " 450 (TIE BACK) "

1. Drill 17 1/2" hole to 500'. Run and set 500±' of 13 3/8" K-55 54.5# ST&C casing. Cement with 400 Sx Class "C" + 2% CaCl. Circulate cement to surface.
2. Drill 11" hole to 1650'. Run and set 1650±' of 8 5/8" J-55 24# ST&C casing. Cement with 425 Sx of 50/50 POZ tail in with 225 Sx of class "C" + 2% CaCl Circulate cement to surface.
3. Drill 7 7/8" hole to 5100'. Run and set 5100±' of 5 1/2" K-55 15.5# LT&C casing. Cement 1st stage with 350 Sx 50/50 POZ "H" cement. Circulate cement to surface. 2nd stage with 450 Sx 50/50 POZ "H"

RECEIVED

JUN 26 1995

New Loc & API OIL CON. DIV.

DIST 2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on proposed 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.

SIGNED Joe T. Janice TITLE Agent DATE 04/28/95
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY: **APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED**APPROVED BY Shannon J Shaw TITLE Acting AREA MANAGER DATE JUN 21 1995

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1990

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 88211-0716

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28568	Pool Code 29665	Pool Name HAPPY VALLEY-DELAWARE
Property Code	Property Name RAM EWE FEDERAL	Well Number 5
OGRID No. 25773	Operator Name LOUIS DREYFUS NATURAL GAS CORP.	Elevation 3313

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	33	22 S	26 E		2080'	SOUTH	990'	EAST	EDDY

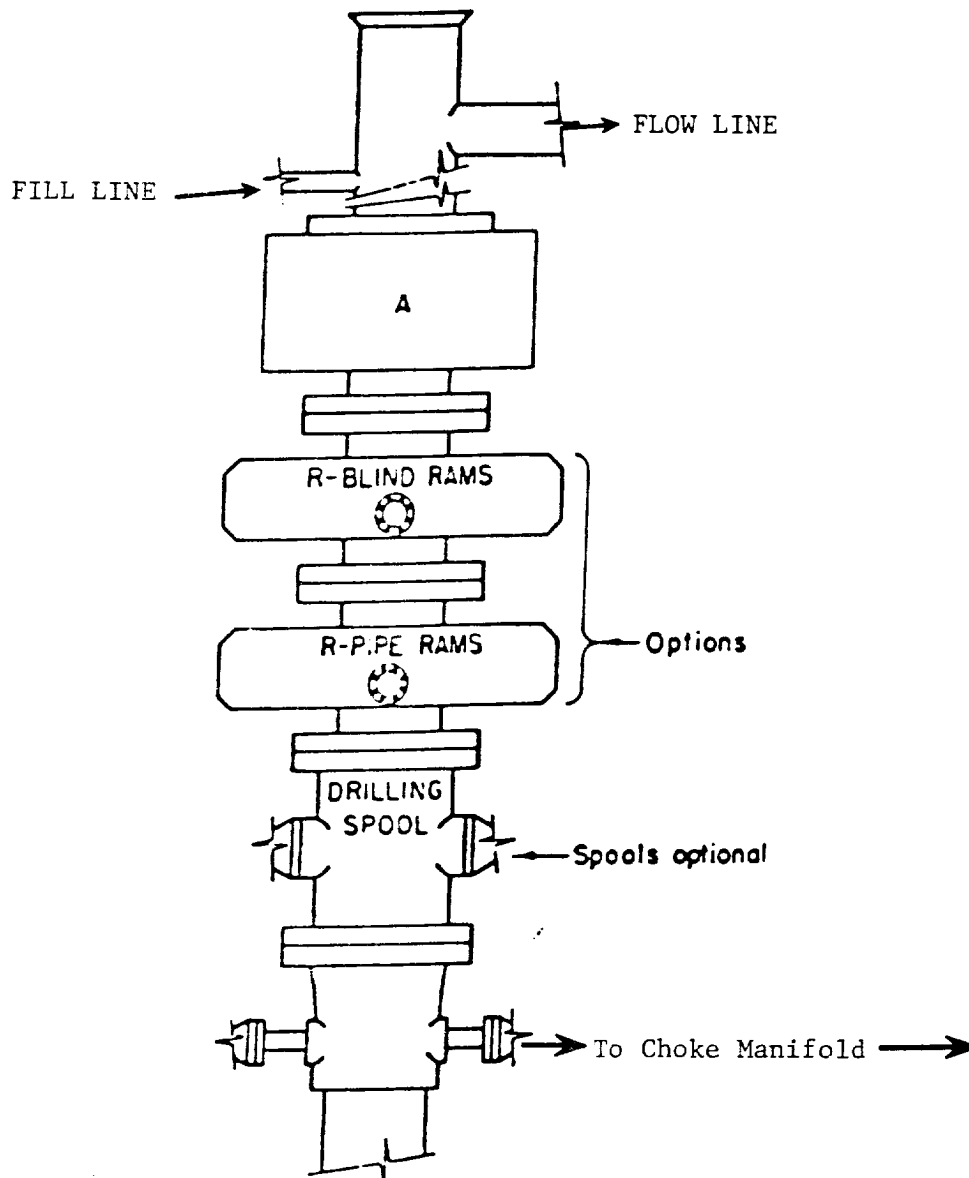
Bottom Hole Location If Different From Surface

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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Joe T Janica</i> Signature Joe T. Janica Printed Name Agent Title 05/05/95 Date</p>
	<p>SURVEYOR CERTIFICATION</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>MAY 2, 1995 Date Surveyed <i>Ronald W. Tidson</i> Signature & Seal of Professional Surveyor 5-05-95 P.O. Box 95-1150704 Certificate No. JOHN W. TIDSON 676 RONALD W. TIDSON 3039 PROFESSIONAL SURVEYOR 1254</p>

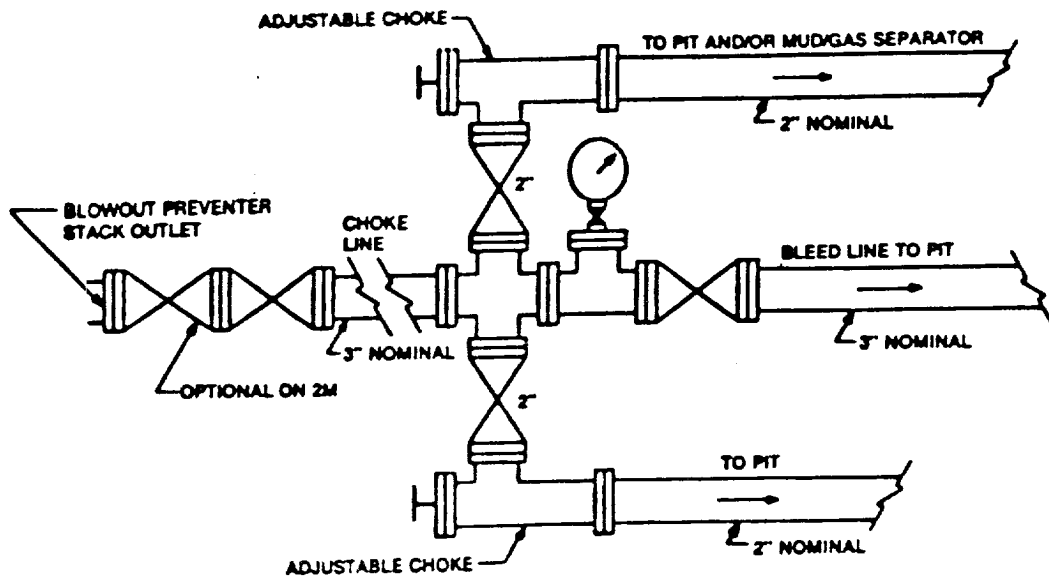
EXHIBIT "A"



ARRANGEMENT SRRA

900 Series
3000 PSI WP

EXHIBIT "E"
SKETCH OF BOP TO BE USED ON
LOUIS DREYFUS NATURAL GAS CORP.
RAM EWE FEDERAL # 5
2080' FSL & 990' FEL SEC. 33
T22S-R26E EDDY CO. NM.



Typical choke manifold assembly for 3M WP system

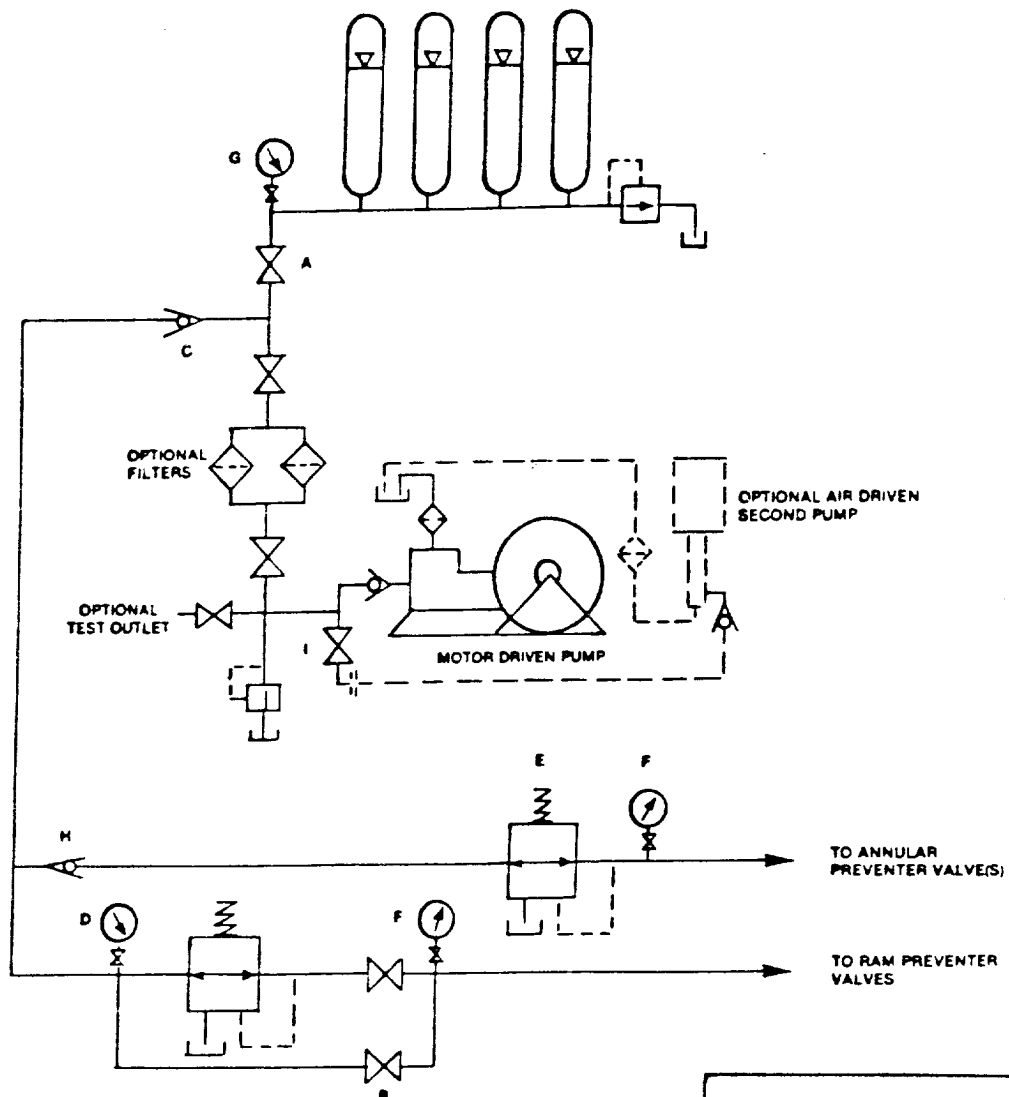


EXHIBIT "E-1"
 CHOKE MANIFOLD & CLOSING UNIT
 LOUIS DERYFUS NATURAL GAS CORP.
 RAM EWE FEDERAL # 5
 2080' FSL & 990' FEL SEC. 33
 T22S-R26E EDDY CO NM