

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL DEEPEN

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
LOUIS DREYFUS NATURAL GAS CORP.

3. ADDRESS AND TELEPHONE NO. 14000 QUAIL SPRINGS PARKWAY, SUITE 600
OKLAHOMA CITY, OK 73134 (405) 749-5287

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 1650' FSL & 790' FWL (UL L) NW/4 SW/4
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11.2 miles SW of Bloomfield, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. drilling unit
(Also to nearest drig. unit line, if any) 790' FWL lease, 1906.27

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1742'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6106' GR

5. LEASE DESIGNATION AND SERIAL NO.
NMSF-078895

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME
5965

8. FARM OR LEASE NAME, WELL NO.
MUDGE A, WELL NO. 7R

9. API WELL NO.
30-045-30039

10. FIELD AND POOL, OR WILDCAT
KUTZ PICTURED CLIFFS, WEST

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
L
Sec. 6-T27N-R11W

12. COUNTY OR PARISH 13. STATE
San Juan NM

16. NO. OF ACRES ASSIGNED TO THIS WELL
100.157.34

19. PROPOSED DEPTH 2000'
20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
12/1/99

RECEIVED
NOV 03 1999

BUREAU OF LAND MANAGEMENT San Juan
FARMINGTON FIELD OFFICE

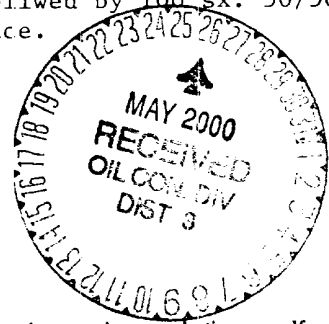
This section is subject to technical and procedural review pursuant to 43 CFR 3166.8 and appeal pursuant to 43 CFR 3166.4

PROPOSED CASING AND CEMENTING PROGRAM
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

DIAMETER OF CASING	TYPE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	REMARKS
11"	J-55 8-5/8"	24#	250'	185 sx., circulate to surface
7-7/8"	J-55 5-1/2"	15.5#	2000'	300 sx., circulate to surface

1. Drill 11" hole to ±250'. Set 8-5/8" J-55 24# csg. @ TD, circulate cement to surface w/185 sx. Cl. H + 3% CaCl2 + .25#/sk. Cello-Seal.
2. Drill 7-7/8" hole to ±2000'. Set 5-1/2" J-55 15.5# csg. @ TD. Cement w/200 sx. Halco Light + 5#/sk. Gilsonite + 1/4#/sk. Flocelle followed by 100 sx. 50/50/POZ A + 2% Gel + 0.5% Halad-322. Circulate cement to surface.

See attached "Exhibit A" for BOP program.



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: [Signature] TITLE: Regulatory Technician DATE: 11/2/99

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:

APPROVED BY: /s/ Jim Lovato TITLE: _____ DATE: MAY 24 2000

*See Instructions On Reverse Side

District I
 PO Box 1980, Hobbs, NM 88241-1980
 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 Resources Department

Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

RECEIVED
 NOV 03 1999

AMENDED REPORT

BUREAU OF LAND MANAGEMENT
 FARMINGTON FIELD OFFICE

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APL Number 30 045-30039		2 Pool Code 79680		3 Pool Name KUTZ PICTURED CLIFFS, WEST (GAS)	
4 Property Code 5965		5 Property Name MUDGE A			6 Well Number A-97R
7 OGRID No. 025773		8 Operator Name LOUIS DREYFUS NATURAL GAS			9 Elevation 6106

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	6	27N	11W		1650	SOUTH	790	WEST	SAN JUAN

11 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

12 Dedicated Acres 167.34 200 SW/4	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Terry D. Bryant</i> Signature Terrye D. Bryant Printed Name Regulatory Technician Title November 2, 1999 Date</p>
	<p>18 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>JULY 19 1999 Date of Survey <i>Cecil B. Tollis</i> Signature and Seal of Professional Surveyor CECIL B. TOLLIS Certificate Number 9672</p>

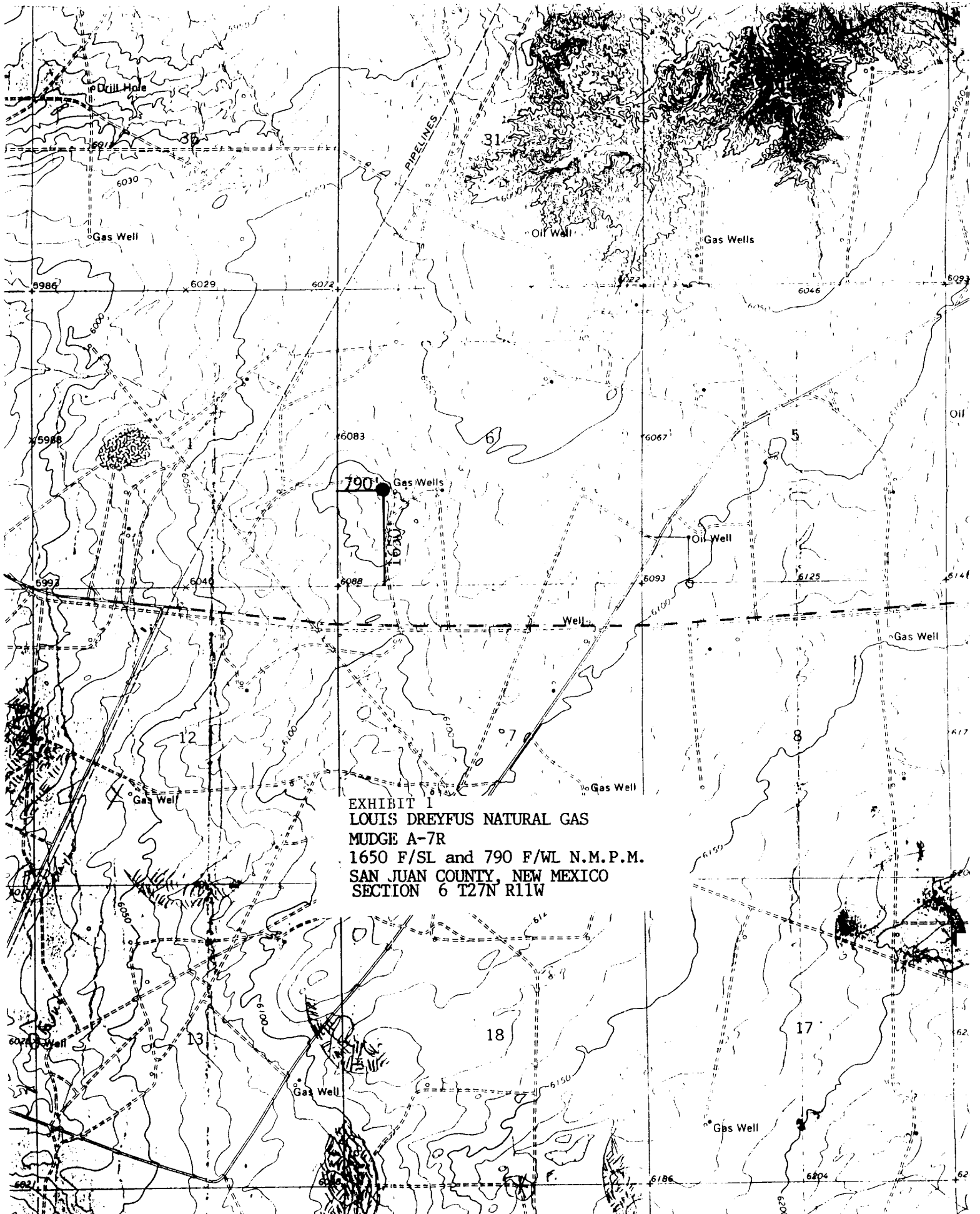
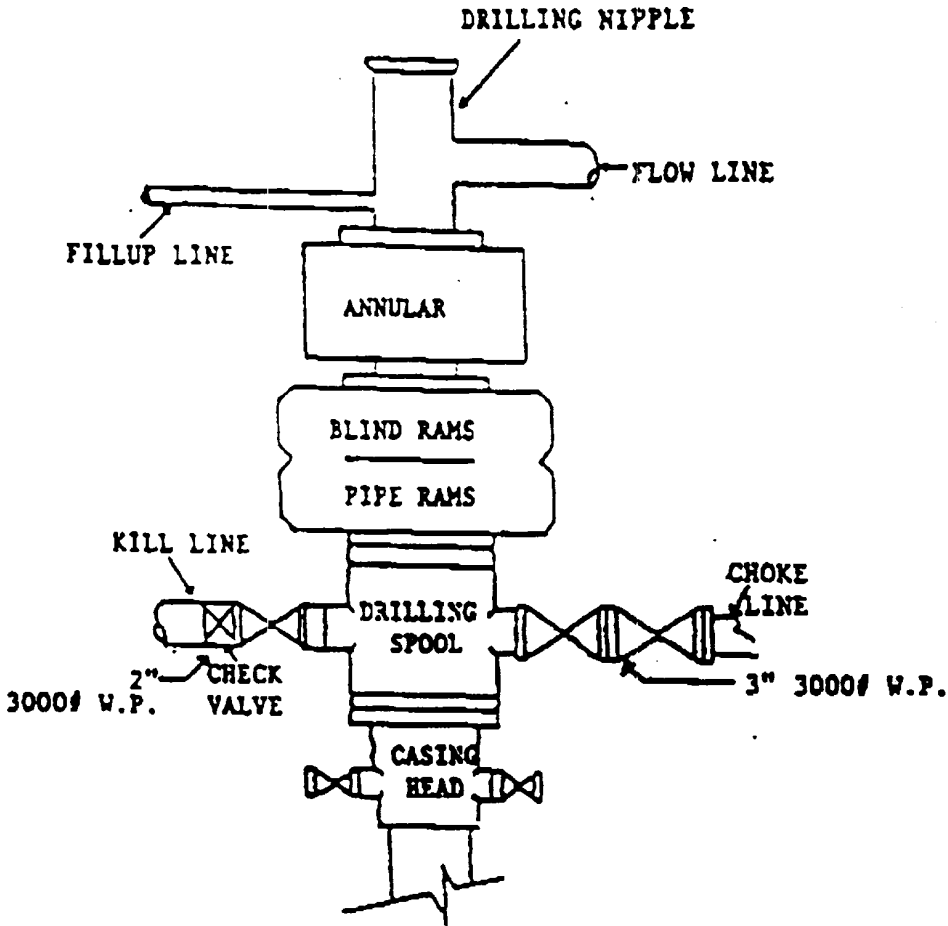
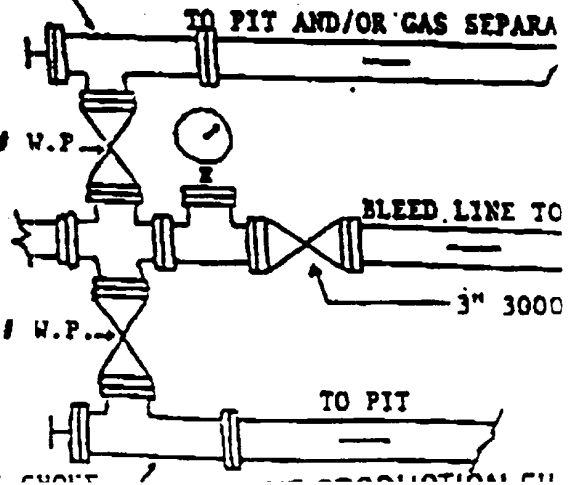


EXHIBIT 1
LOUIS DREYFUS NATURAL GAS
MUDGE A-7R
1650 F/SL and 790 F/WL N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO
SECTION 6 T27N R11W

BOP STACK



ADJUSTABLE CHOKE
2" 3000# W.P.



NOTE: BOP side outlets may be used in place of drilling spool.