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ces must be from the outer boundaries of the Sec

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|--|--------------------------------------|--|---------------------------------------|-----------------------|
| Operator TENNECO OIL COMPANY | | Lease 33 FED COM 33 | | Well No. 1 |
| Unit Letter C | Section 33 | Township 17 South | Range 29 East | County EDDY |
| Actual Footage Location of Wells: 1980 feet from the WEST line and 850 feet from the NORTH line | | | | |
| Ground Level Elev. 75 | Producing Formation Morrow | Pool Undesignated Grayburg-Jackson(Morrow) | Dedicated Acreage 320 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

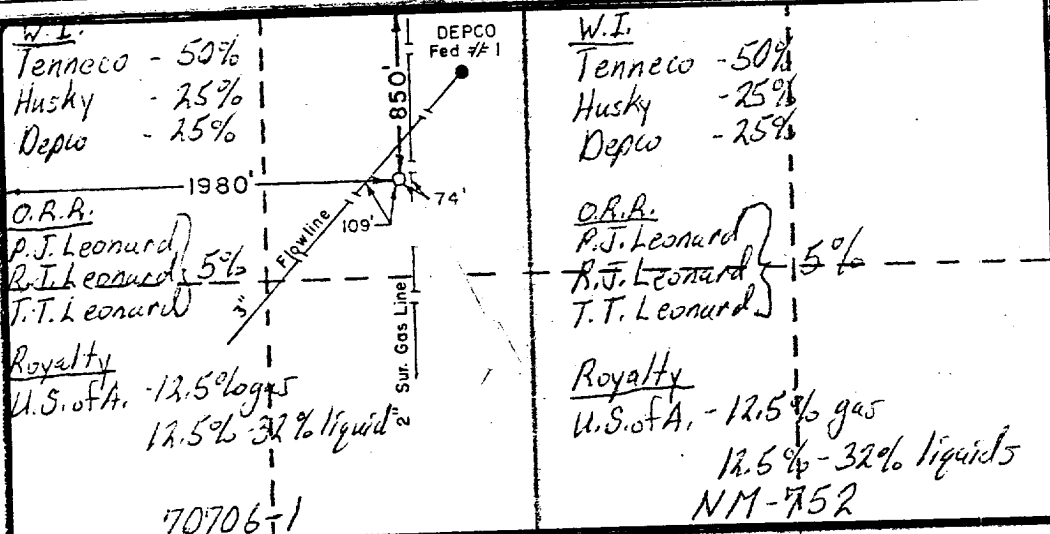
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization in progress

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



NOTE: Location elevation is 3.6 feet higher than DEPCO, Inc. Leonard Federal #1 located in the NE $\frac{1}{4}$, NE $\frac{1}{4}$, NW $\frac{1}{4}$ of Sec. 33, T-17-S, R-29-E

CERTIFICATION

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

Name

Position

Sr. Production Clerk

Company

Tenneco Oil Company

Date

5/29/74

I hereby certify that the well location shown on this plat was plotted from field actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

May 10, 1974

Registered Professional Engineer and/or Land Surveyor

Certificate No.

676

Tenneco Oil
A Tenneco Company

Suite 1200
Lincoln Tower Building
Denver, Colorado 80203
(303) 292-9920



June 3, 1974

U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

RE: Application for Permit to Drill
Federal Com 33, Well No. 1
NW/4 Sec. 33, T17S, R29E
Eddy County, New Mexico

Gentlemen:

Attached are eight copies each of the Notice of Intention to Drill, Well Location and Acreage Dedication Plat, and Vicinity Map showing existing roads, pipelines, flowlines, proposed roads, etc., related to the captioned well.

The water we use for drilling will come from the nearest available source. Waste Disposal will be buried in the burn pit or reserve pit. There will be no camp or airstrip associated with the drilling of this well. Upon completion or abandonment of this well, the location will be cleaned and leveled, and a dry hole marker placed, if applicable.

Yours very truly,

TENNECO OIL COMPANY

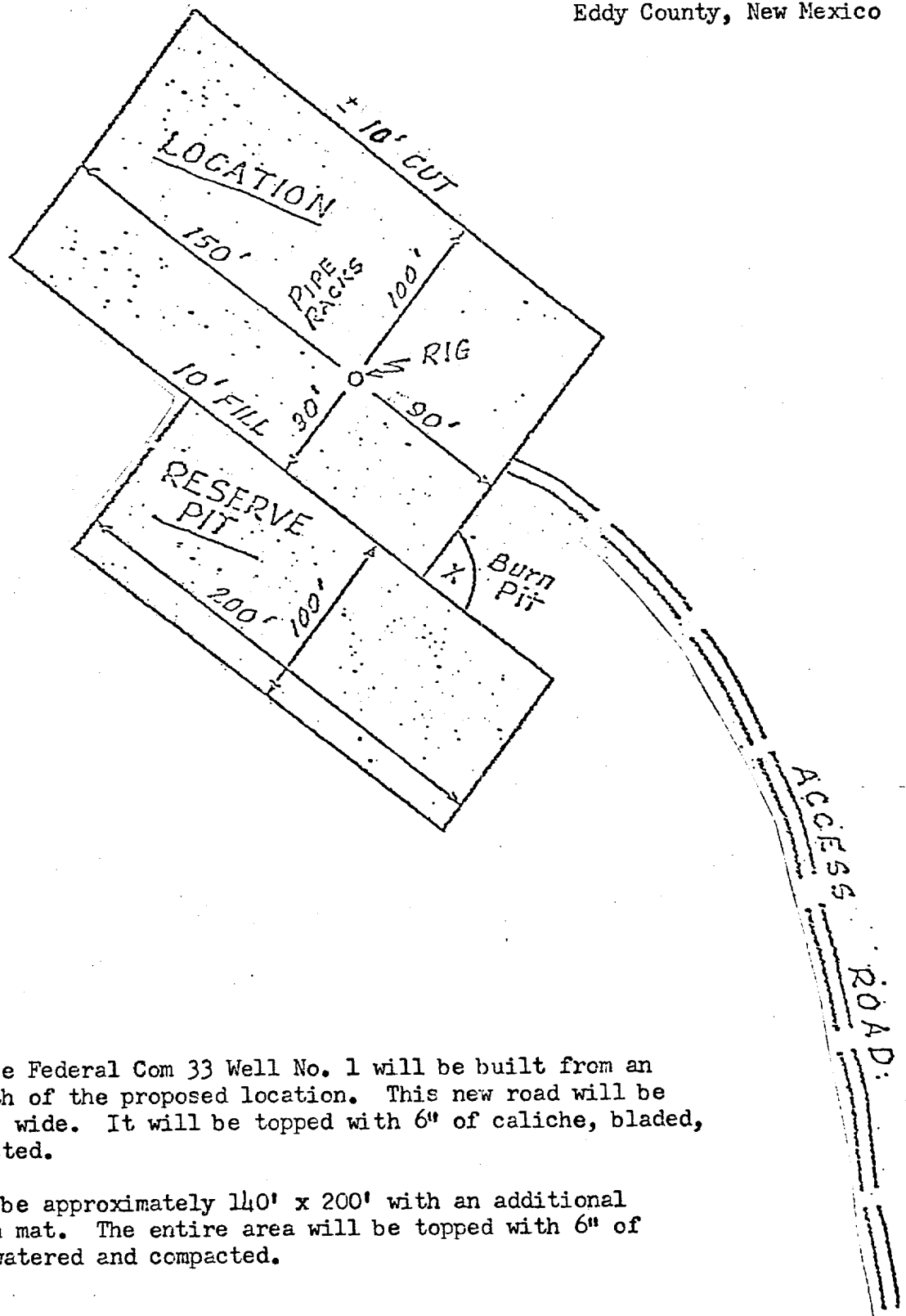
A handwritten signature in cursive script, appearing to read "D. D. Myers".

D. D. Myers
Denver Division
Production Manager

PLR:hk

Attachs.

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JUN - 6 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



1. New roadway for the Federal Com 33 Well No. 1 will be built from an existing road south of the proposed location. This new road will be 1130' long and 12' wide. It will be topped with 6" of caliche, bladed, watered and compacted.
2. The location will be approximately 140' x 200' with an additional 40' x 50' lay down mat. The entire area will be topped with 6" of caliche, bladed, watered and compacted.

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Tenneco Oil Company
Federal Com 33, Well No. 1
Sec. 33, T-17S, R-29E
Eddy County, New Mexico

-2-

10,200' - 11,100': Increase the fluid weight with sack salt to 9.5-9.6 #/gallon and control the viscosity 34-36 Sec/1000 cc with FLOSAI. The lowering of the filter loss to 5 cc with DEXTRID and DRISPAC should help prevent formation damage to the Morrow formation. Maintain these properties to total depth unless hole conditions warrant a change.

Estimated cost for this program is \$12,000 to \$15,000 unless severe loss of circulation or abnormal high gas pressures are encountered.

Tenneco Oil Company
Federal-Com 33, Well No. 1
Sec. 33, T-17S, R-29E
Eddy County, New Mexico

Detailed Mud Program:

0' - 350': Spud mud AQUAGEL flocculated with Lime. Use HYSEAL for seepage.

13 ³/₈'
11 ³/₄" Casing at 350':

350' - 3,200': Drill out of the surface casing with saturated brine water and circulate a controlled section of the reserve. Use HYSEAL for seepage loss of fluid. Drill with clear water and treat with BENEX and CONDET to prevent solids buildup. Prior to trips or reaching casing point sweep hole with FLOSAAL pills (8-10 sacks mixed in 50 barrels water). Fluid loss control usually is not necessary to set casing. If hole conditions warrant, lower fluid loss to 10-15 cc with IMPERMEX to set casing.

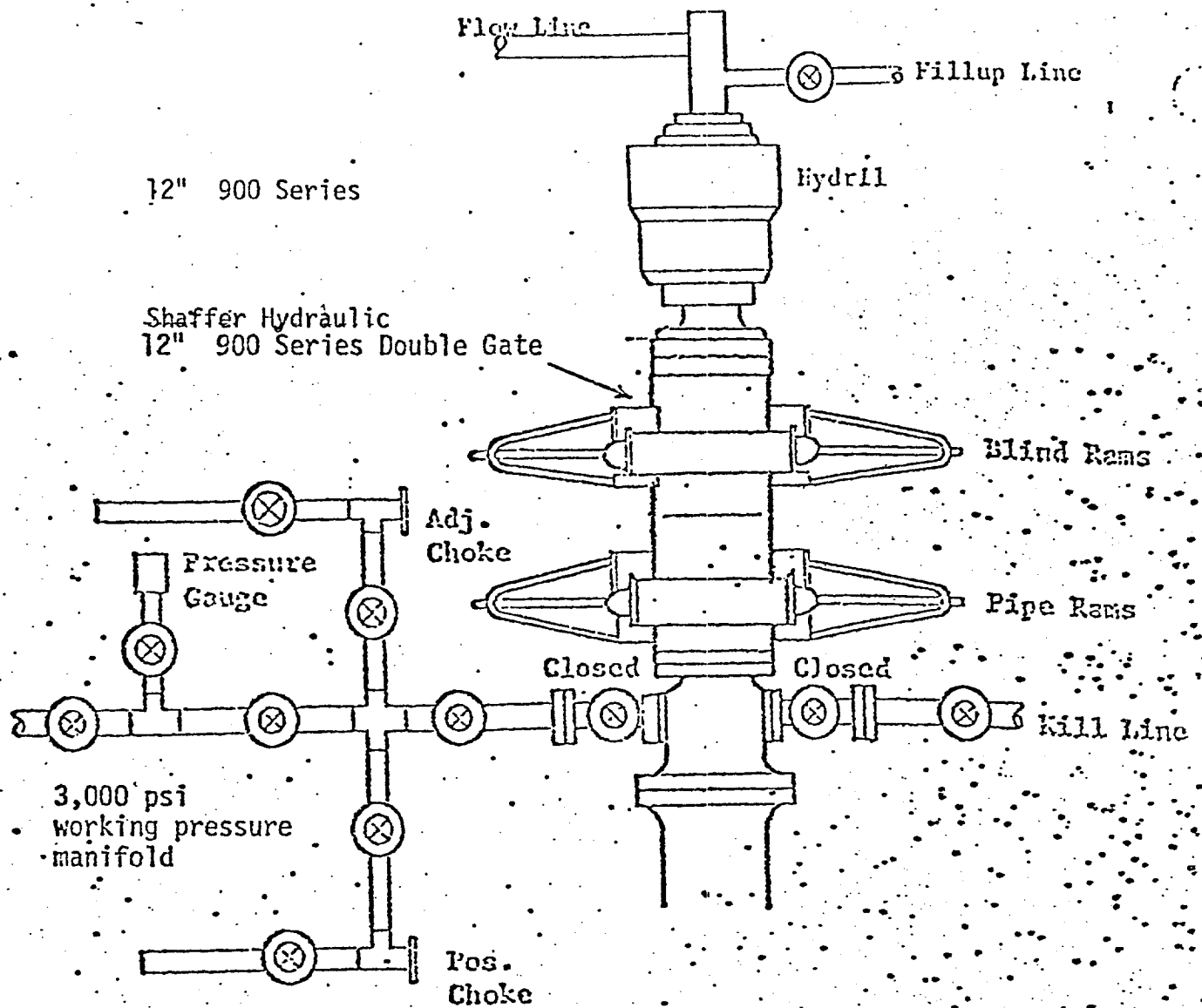
8 5/8" Casing at 3,200':

3,200' - 7,500': Drill out intermediate casing with clear fresh water treated with Lime to increase the pH to 10.5 and treat with COAT WT-215, amine corrosion inhibitor, to help prevent corrosion. Use HYSEAL for seepage loss of fluid. Treat with BENEX and CONDET to prevent solids buildup and continue to circulate the reserve pit.

7,900' - 9,400': Add brine water (10 #/gallon) to increase fluid weight to 9.2-9.3 #/gallon. Use HYSEAL for seepage loss of fluid.

9,400' - 10,200': Maintain volume and fluid weight 9.4-9.5 #/gallon with brine water additions. Mud up with DEXTRID/DRISPAC to lower the filter to 15 cc and viscosity 31-32 Sec/1000 cc. For a higher viscosity use FLOSAAL.

TENNECO OIL COMPANY
FEDERAL COMM 33-1
EDDY COUNTY, NEW MEXICO



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