

Drawer DD

Artesia, NM 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐

2. NAME OF OPERATOR

The Petroleum Corporation of Delaware

3. ADDRESS OF OPERATOR

3811 Turtle Creek Blvd., Suite 350 Dallas, Texas 75219

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

At surface Unit Letter O, -660' FSL & 1980' FEL

At proposed prod. zone SAME

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

13 Miles Northeast of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

1743.54

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

11,800

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

GR-3279.8'

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11 3/4"	42#	350'	cir to surface
11 1/2"	8 5/8"	24# & 32#	3100'	cir to surface
7 7/8"	4 1/2"	11.6# & 13.5#	11,800'	Approx. 500 sx. to be determined by Caliper

Adequate BOP's to be installed @ 350' to TD. See sketch.

Mud Program: See Exhibit F (Page 3)

Note: This well being drilled as a replacement well for our Superior Federal #6
Strawn gas completion.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

P. J. Thomas

TITLE

Engineer

DATE

August 25, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig: Sgt. Charles S. P. [illegible]

APPROVED BY

TITLE

DATE

9-12-85

CONDITIONS OF APPROVAL, IF ANY:

*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.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-85

All distances must be from the outer boundaries of the Section.

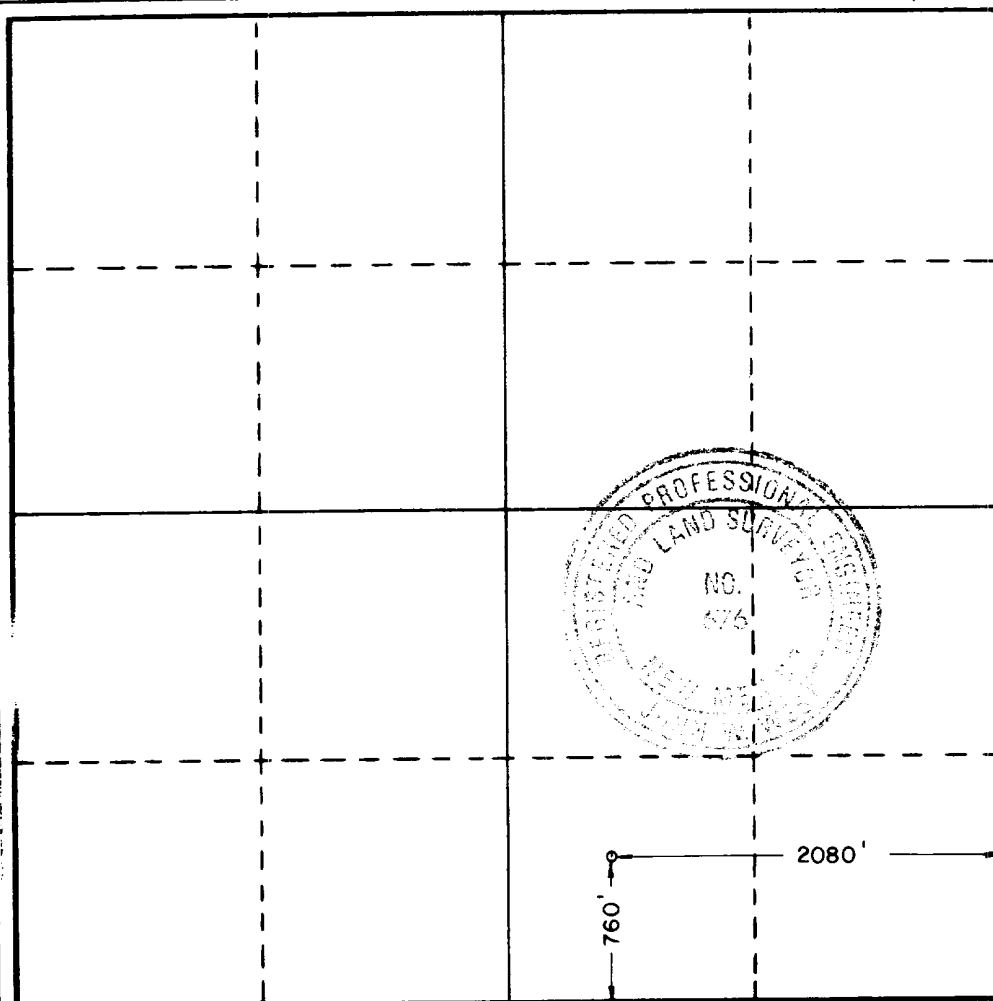
Operator THE PETROLEUM CORP. OF DELAWARE			Lease SUPERIOR FEDERAL		Well No. 7
Unit Letter 0	Section 6	Township 20S	Range 29E	County EDDY	
Actual Footage Location of Well: 760 feet from the SOUTH line and 2080 feet from the EAST line					
Ground Level Elev. 3279.8	Producing Formation		Pool		Dedicated Acreage: 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 _____

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.



CERTIFICATION

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

Name _____

Position _____

Company _____

Date _____

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 knowledge and belief.

Date Surveyed
SEPT. 4, 1985

Registered Professional Engineer
 and/or Land Surveyor

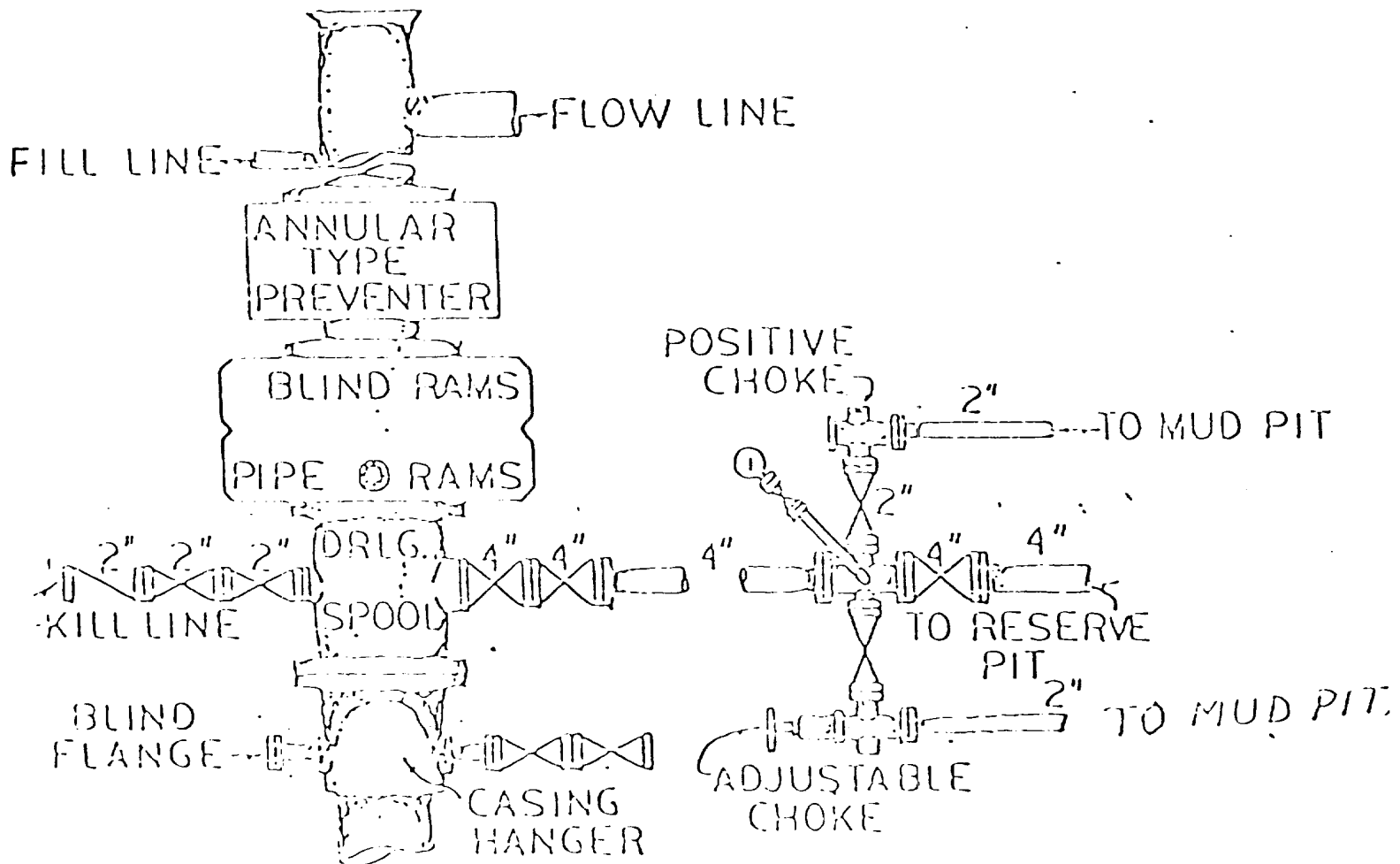
John W. West
 Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

91748

EXHIBIT E

The Petroleum Corporation of Delaware
Superior Federal Well No. 7
660' FSL and 1980 FEL
Section 6-T20S-R29E
Eddy County, New Mexico

B.O.P. ARRANGEMENT RIG NO. 3
3000 LB. W.P. B.O.P.
10" CAMERON TYPE-SS HYDRAULIC B.O.P. 3000 P.S.I.
12" G.K. HYDRILL 3000 W.P.
80 GALLON- STATION KOOMEY ACCUMULATOR
3000 LB. W.P. CHOKE MANIFOLD



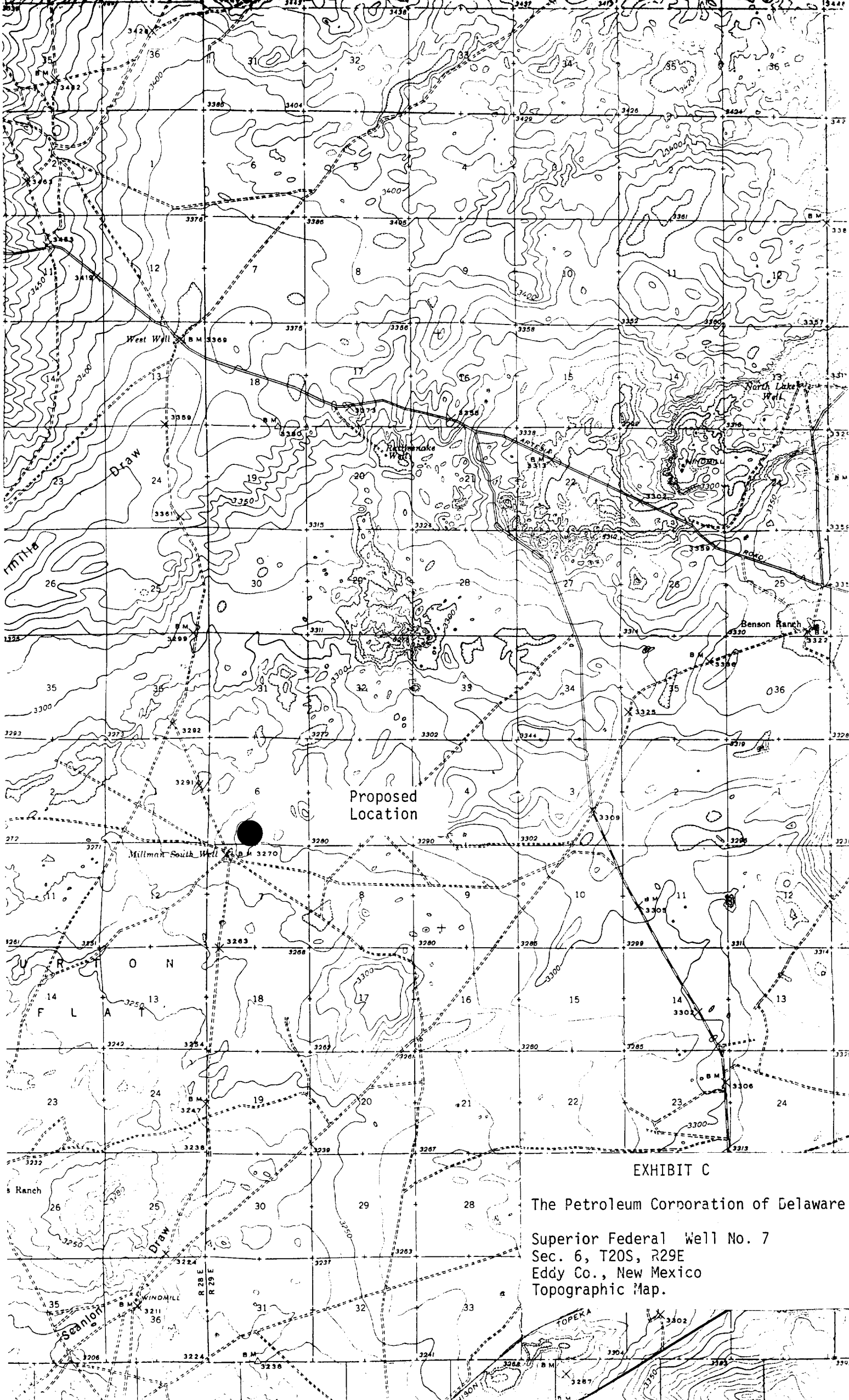
APPLICATION FOR DRILLING
The Petroleum Corporation
Superior Federal Well No. 7
660' FSL and 1979' FEL
Section 6-T20S-R29E
Eddy County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill, subject well in Section 6, Township 20 South, Range 29 East, Eddy County, New Mexico, The Petroleum Corporation submits the following ten items of pertinent information in accordance with U.S.G.S. requirements:

1. The geologic surface formation is Alluvium and Bolson deposits.
2. The estimated tops of geologic markers are as follows:

Yates	1,200'
Seven Rivers	1,425'
Delaware	3,225'
Bone Springs	5,025'
Wolfcamp	9,100'
Strawn	10,200'
Atoka	10,500'
Morrow	10,800'
Barnett Shale	11,450'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered are:

Water:	At approximately 240 feet
Oil or Gas:	Wolfcamp at approximately 9,100'
	Strawn at approximately 10,200'
	Atoka at approximately 10,500'
	Morrow at approximately 10,800'
4. Proposed casing program: See Form 9-331C and Exhibit F (Page 2)
5. Pressure control equipment: See Form 9-331C and Exhibit E
6. Mud Program: See Exhibit F (Page 3)
7. Testing, logging and coring programs: See Exhibit F (Page 2)
8. No abnormal pressures or temperatures are anticipated.
9. Anticipated starting date: As soon as possible.



Proposed Location

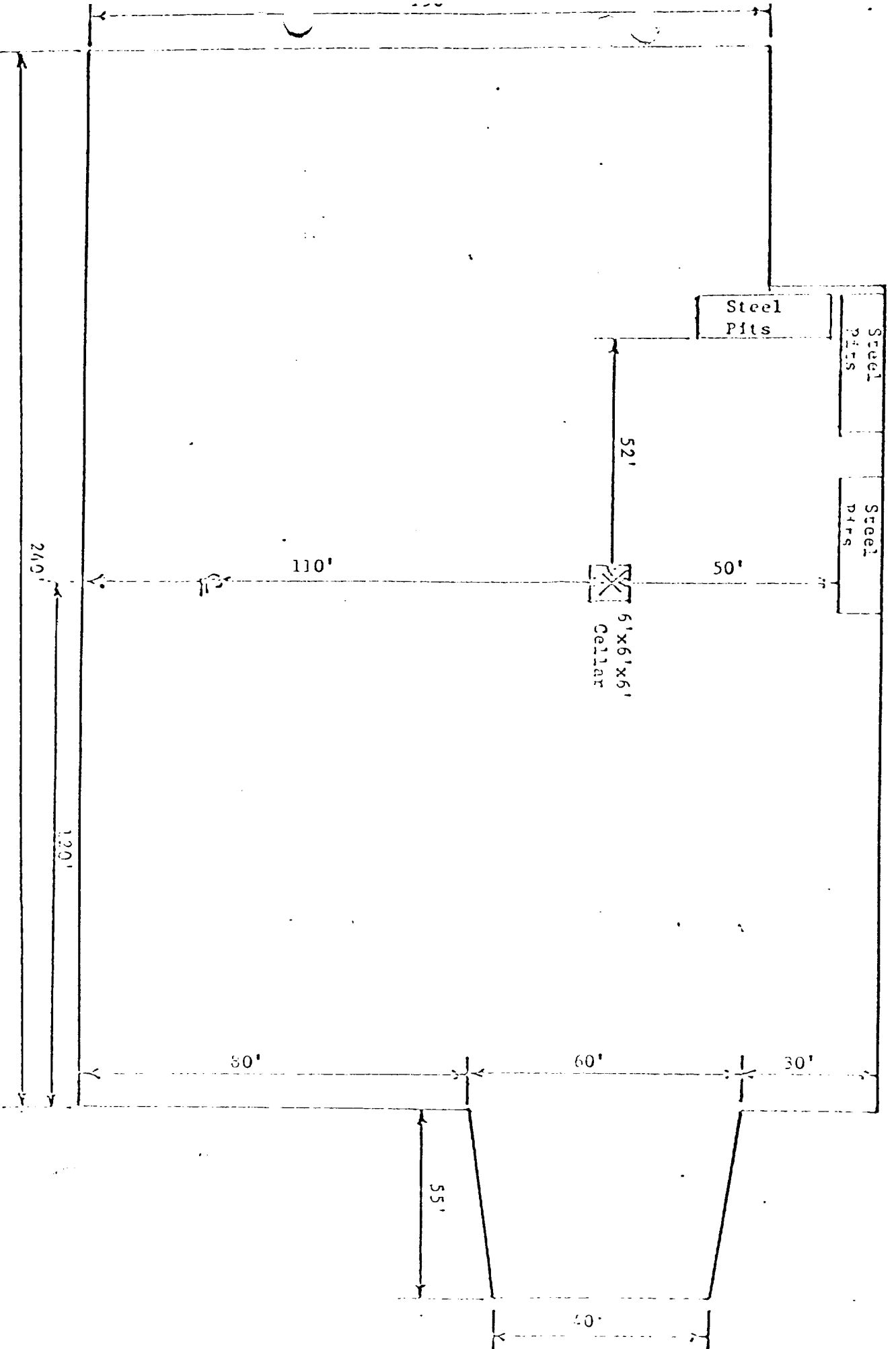
EXHIBIT C

The Petroleum Corporation of Delaware
Superior Federal Well No. 7
Sec. 6, T20S, R29E
Eddy Co., New Mexico
Topographic Map.

SEE ATTACHED DRAWINGS

~~XXXXXXXXXX~~

Standard Location Plate



Scale 1" = 30'