

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ reentryDEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Fred Pool Drilling, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Box 1393 Roswell, N.M. 8820

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

At surface

330 FSL 330 FWL

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

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

330 ft.

16. NO. OF ACRES IN LEASE

480

18. DISTANCE FROM PROPOSED LOCATION*

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

1330 ft.

19. PROPOSED DEPTH

1600 ft.

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

3555 Gr 3552

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 12 1/4"	8 5/8	24#	300 ft.	sufficient to circulate
7 7/8	5 1/2	14#	1600	240sx

5. LEASE DESIGNATION AND SERIAL NO.

NM 42410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Comstock Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Artesia Qn Gb SA

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 12-18S-27E

12. COUNTY OR PARISH

Eddy

NM

15. DISTANCE FROM PROPOSED*

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

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16. NO. OF ACRES IN LEASE

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Pay zone will be selectively perforated and stimulated as needed
for optimum production.

Attached are: 1. Well location and acreage dedication plat.
2. Supplemental Drilling Date
3. Surface Use Plan.

Former: Robert E. McKee - Macander #2

OTD: 2510

PVA-1945

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

Vice-

TITLE President

DATE March 3, 1986

(This space for Federal or State office use)

PERMIT NO.

Dr. Sgd. Charles S. D.

APPROVAL DATE

APPROVED BY

Area Manager

TITLE

DATE

3/10/86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

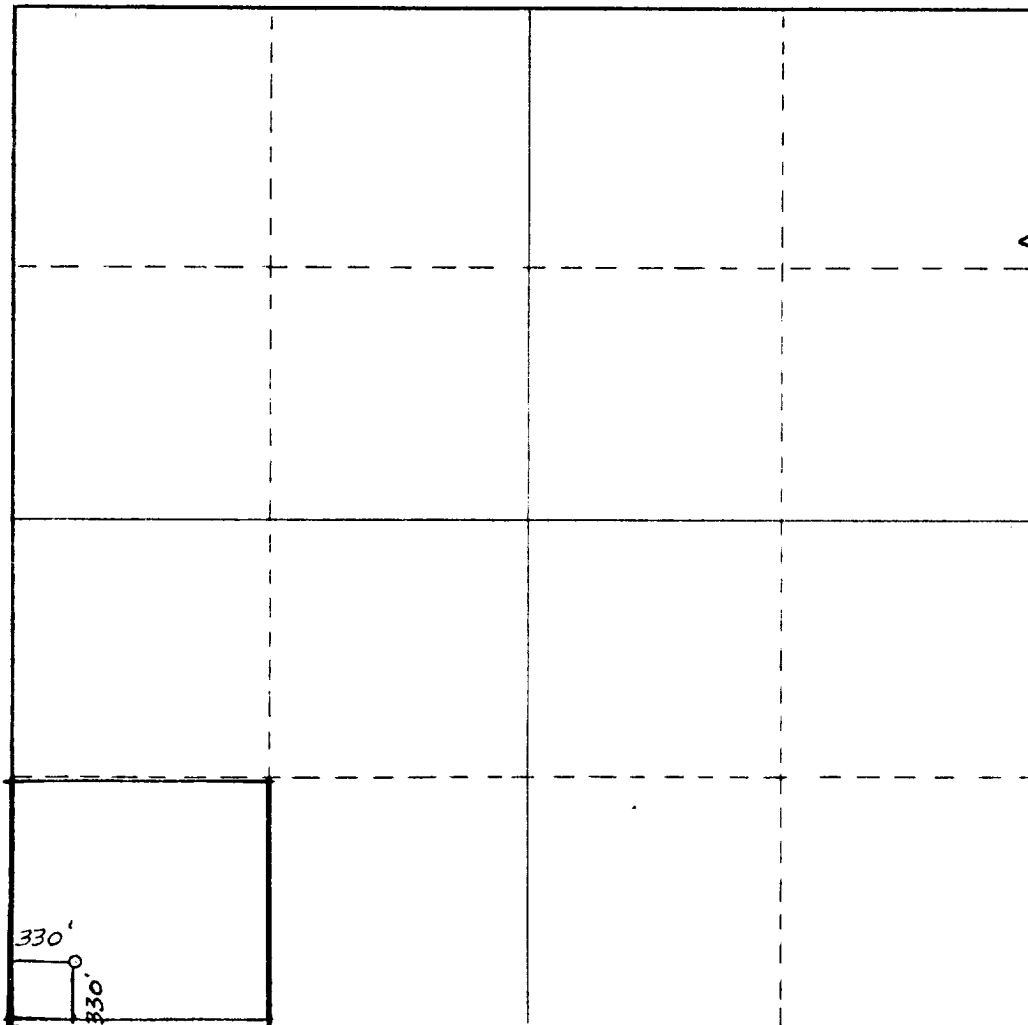
Operator FRED POOL DRILLING INC.			Lease Comstock Federal		Well No. 4
Unit Letter M	Section 12	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> 330 feet from the South line and 330 feet from the West line </div>					
Ground Level Elev. 3552	Producing Formation Qn- GB- SA	Pool Artesia	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

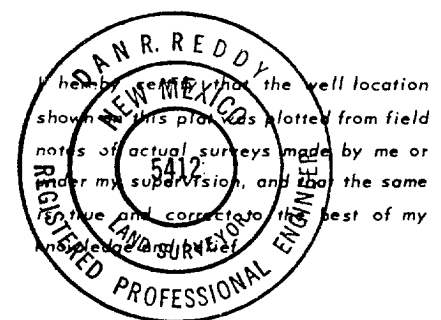
[Signature]
Name

Fred Pool, Jr.

Position
President

Company
Fred Pool Drilling Inc.

Date
February 10, 1986



Date Surveyed
February 6, 1986

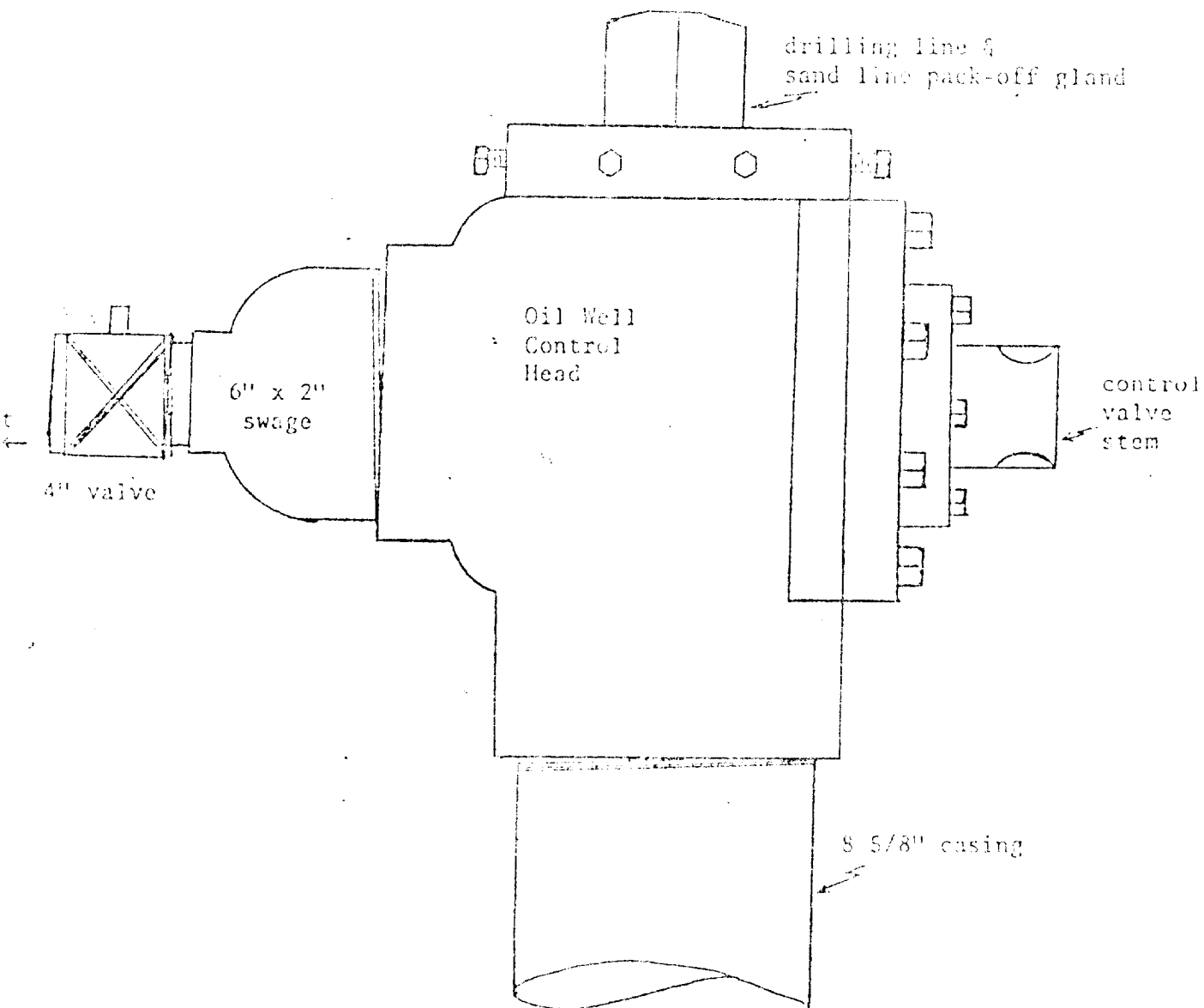
Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No.

NM PE&LS No. 5412

SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL # ~~4~~ COMSTOCK FEDERAL
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 12-18S-27E
EDDY COUNTY, NEW MEXICO



Cable Tool Control Head

SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL #4 COMSTOCK FEDERAL
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 12-18S-27E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3555 feet).
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yates	275'	Grayburg	1650'
Seven Rivers	475'	San Andres	2050'
Queen	1225'	Lovington Sand	2200'

3. ANTICIPATED POROSITY ZONES:

Water	-	Above 300'
Oil	-	1500' -2300'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint
8 5/8"	0 - 350'	24.0#	J-55	STC
4 1/2" - 5 1/2"	0 - 2500'	9.5# - 15.5#	J-55	STC

5. SURFACE CONTROL EQUIPMENT: A control head BOP will be used.
6. AUXILIARY EQUIPMENT: None considered necessary on this shallow development well.
7. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned. Electric Logs will include a Compensated Neutron Log with Gamma Ray.
8. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
9. ANTICIPATED STARTING DATE: It is planned that operations will commence about March 17, 1986. Duration of drilling, completion and testing operations should be one to five weeks.

10. Mud: 0' to 300'. Fresh water

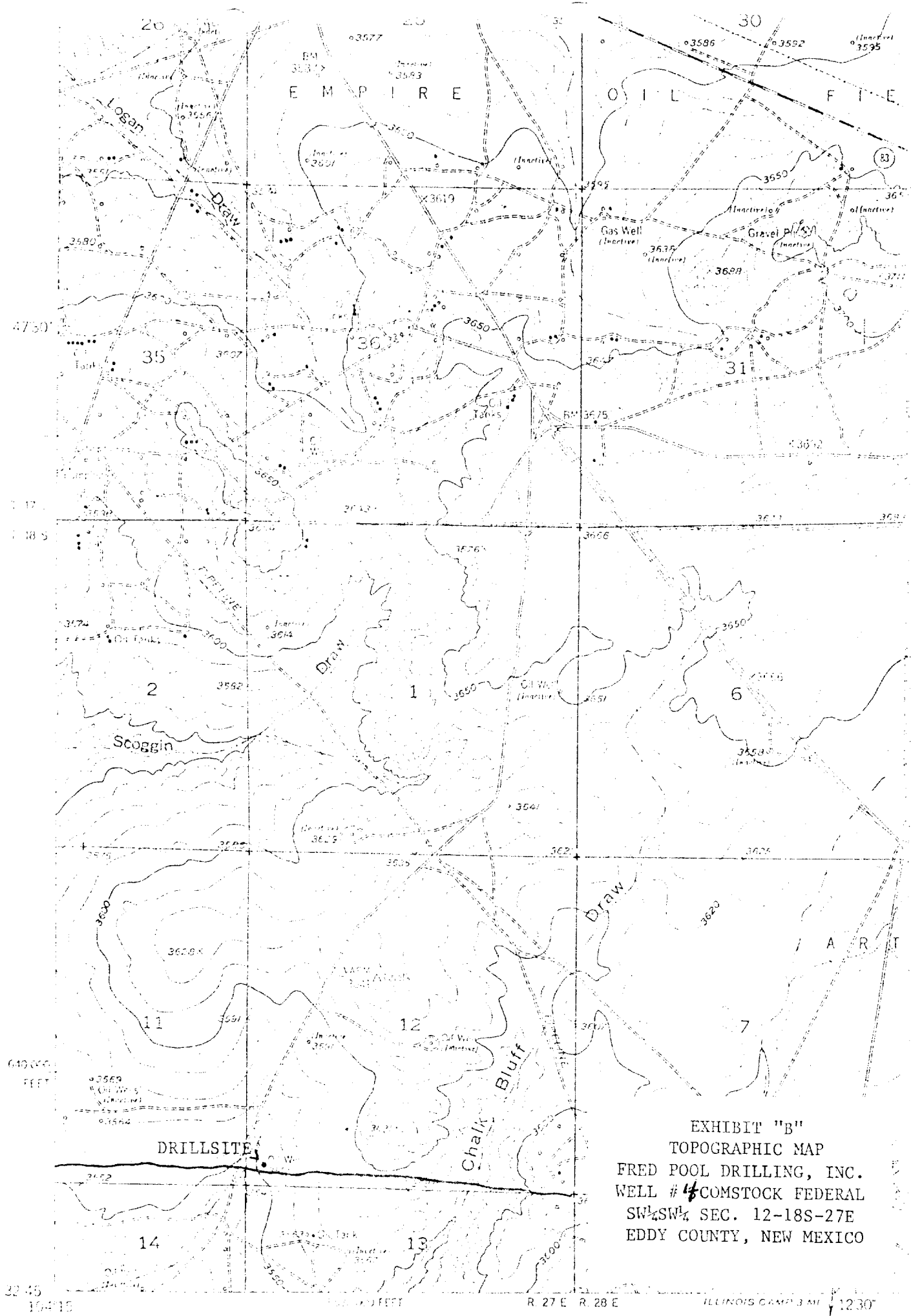


EXHIBIT "B"
 TOPOGRAPHIC MAP
 FRED POOL DRILLING, INC.
 WELL #4 COMSTOCK FEDERAL
 SW1/4 SW1/4 SEC. 12-18S-27E
 EDDY COUNTY, NEW MEXICO

EXHIBIT "D"
SKETCH OF WELL PAD
FRED POOL DRILLING, INC.
WELL # ~~4~~ COMSTOCK FEDERAL
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 12-18S-27E
EDDY COUNTY, NEW MEXICO

