

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL CONS. COMMISSION
Artesia, NM 88210

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 Re entry

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Fred Pool Drilling, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Box 1393 Roswell, N.M. 88201

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

At surface

2310'/S & 2355'/E

At proposed prod. zone

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

11 air miles east-southeast of Artesia, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

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

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

3617 GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	350 ft.	sufficient to circulate
7 7/8	5 1/2	15.5 #	2500 ft.	650 sx

This is a re-entry of McKee McGruder #3 plugged & abandoned 9-22-48.

Attached are:

- 1) Well location & acreage dedication plat
- 2) Supplemental Drilling Data
- 3) Surface use plan
- 4) Designation of operator
- 5) Unorthodox location approval

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

TITLE

President

DATE 11-7-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 12-9-85

CONDITIONS OF APPROVAL, IF ANY:

Subject to NSL-2176
Like Approval Appv. 11-1-85
by State

*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 O-112
Supersedes O-112
Effective 1-1-85

All distances must be from the outer boundaries of the Section

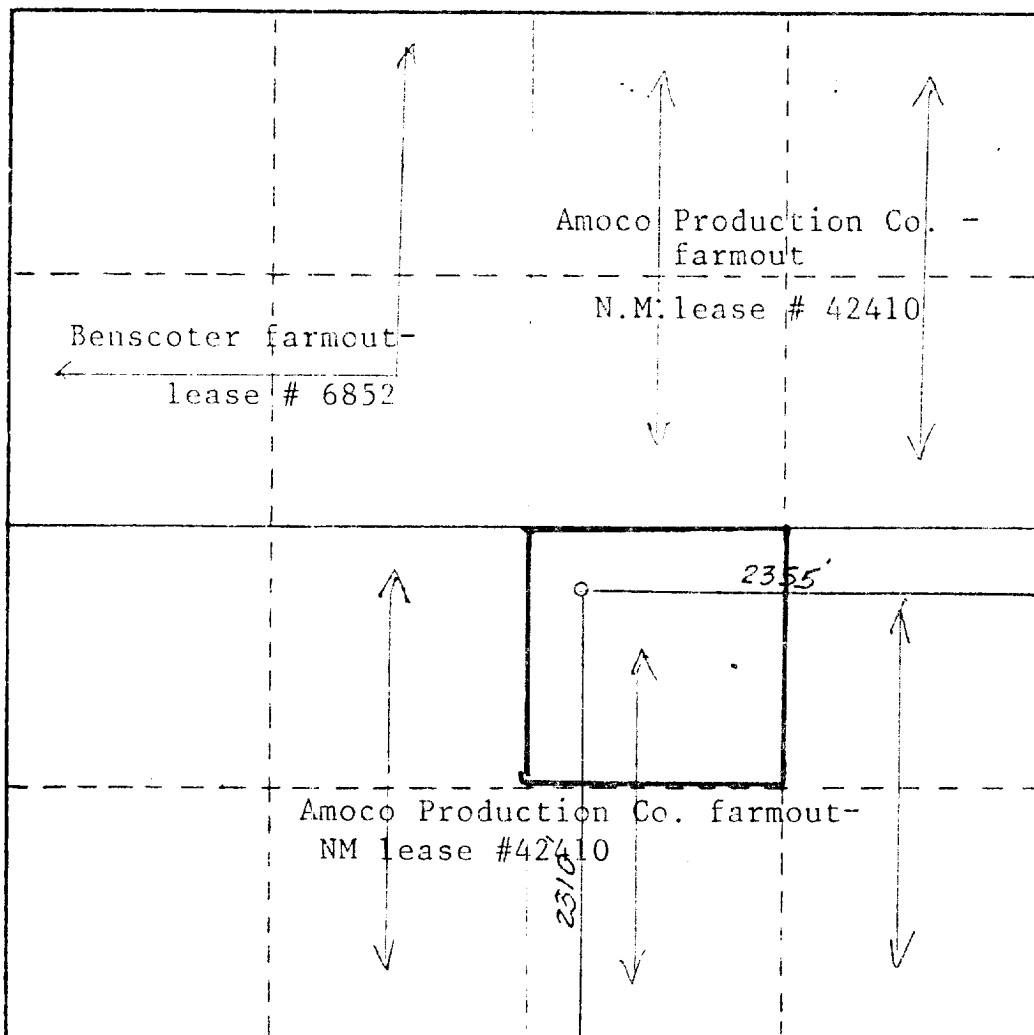
Operator FRED POOL DRILLING INC.			Lease White Oaks Federal			Well No. 2		
Grid Letter J	Section 12	Township 18 South	Range 27 East	County Eddy				
Locality and Location of Well: 2310 feet from the South line and 2355 feet from the East line								
Ground Level Elev. 3617.	Producing Formation Q-Gb-SA		Pool Artesia Oil Pool			Dedicated Acreage 40		

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.

Fred Pool, Jr.

Name

President

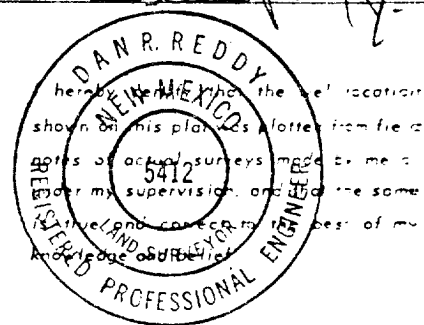
Position

Fred Pool Drilling, Inc.

Company

Oct 19, 1985

Date



Date Surveyed

October 7, 1985

Registered Professional Engineer
and/or Land Surveyor

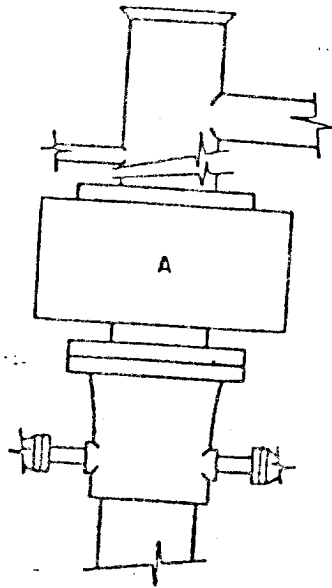
Dan R. Reddy

Certificate No.

NM PE&LS NO. 5412

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

BLOWOUT PREVENTER ARRANGEMENT
FRED POOL DRILLING, INC.
WELL #2 WHITE OAKS FED.
NW $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 12-18S-27E
Eddy County, New Mexico



ARRANGEMENT A

SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL #2 WHITE OAKS FED.
NW $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 12-18S-27E
Eddy County, New Mexico

1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3617 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 - 2500'
4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 350'	24.0#	K-55	STC
5 1/2"	0 - 2500'	15.5#	K-55	STC
5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular BOP will be used.
6. CIRCULATING MEDIUM: Salt water mud conditioned as necessary for control of viscosity and water loss. Fresh water used on surface hole.
7. AUXILIARY EQUIPMENT: None considered necessary on this shallow development well.
8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned. Electric logs will include a Compensated Neutron Log with Gamma Ray.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED STARTING DATE: It is planned that operations will commence about November 16, 1985. Duration of drilling, completion and testing operations should be one to five weeks.

EXHIBIT "D"
SKETCH OF WELL PAD

FRED POOL DRILLING, INC.
WELL #2 WHITE OAKS FED
NW $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 12-18S-27E
Eddy County, New Mexico

