

NM L CONS. COMMISSION
Dr. J. DD
Artesia, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT TO LOCATE*
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R1425.

C/SF

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
Oil Well Water Well Geothermal Well

2. NAME OF OPERATOR
Fred Pool Drilling, Inc. ✓

3. ADDRESS OF OPERATOR
P. O. Box 1393, Roswell, N.M. 88201

4. LOCATION OF WELL (Specify location in accordance with any State or Federal records)
At surface 330' FWL & 2310' FNL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles Northwest of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest derrick, and then, if any) 330'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, CONTROLLED, OR APPLIED FOR, ON THIS LEASE, FT. 660'

21. ELEVATIONS (Show whether DE, RT, GR, etc.)
3692 GR

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#	300'	Sufficient to circulate
7 7/8"	4 1/2" - 5 1/2"	9.5# - 14#	2500'	650 sx.

ATTACHED ARE:

1. Well Location & Acreage Dedication Plat
2. Supplemental Drilling Data
3. Surface Use Plan
4. Designation of Operator
5. Archaeological Survey

Posted API
IDI-NL
2-7-86

18. 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 prevention program, if any.

24. SIGNED: *[Signature]* TITLE: President DATE: 12-19-85

(This space for Federal or state office use)

PERMIT NO. APPROVAL DATE

APPROVED BY: DATE: 1-31-86

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

MEXICO OIL CONSERVATION COMMI
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.

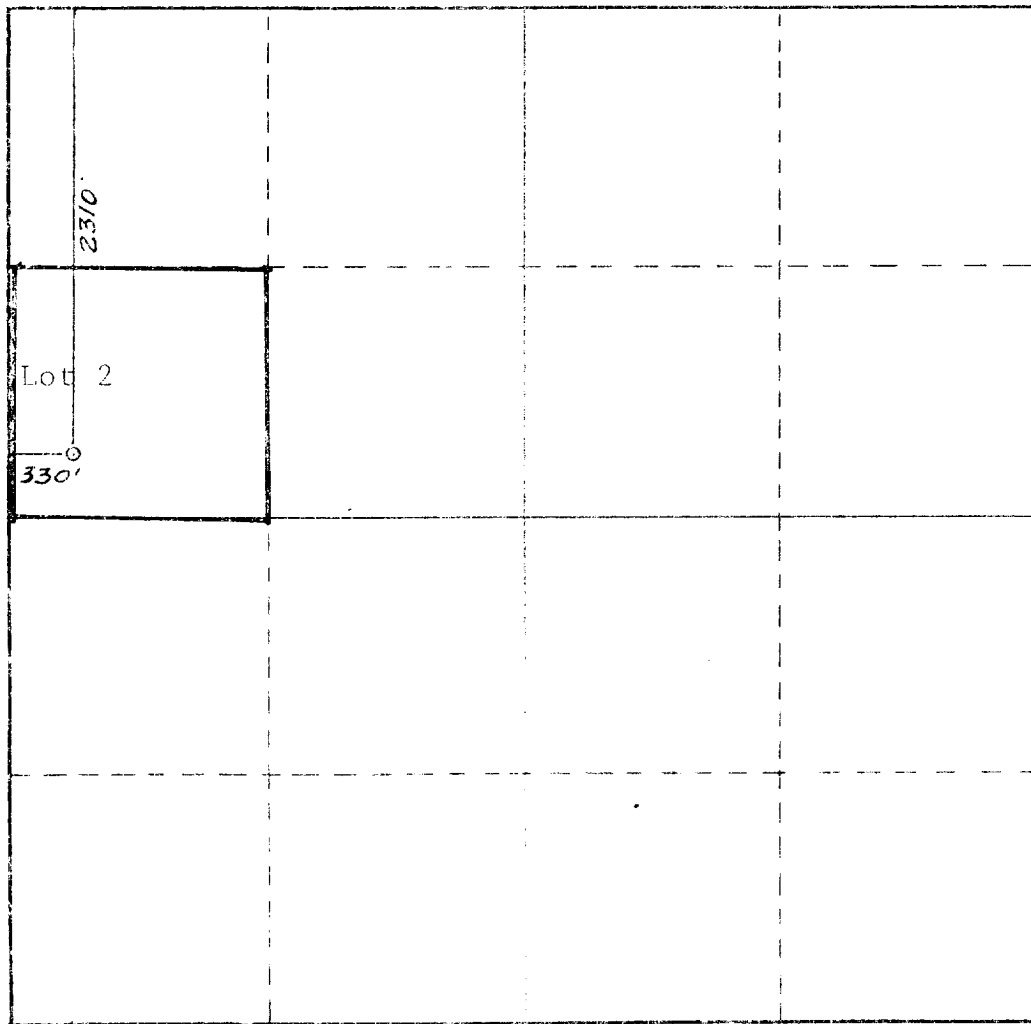
Operator FRED POOL DRILLING, INC.		Lease Max Federal			Well No. 3
Section E	Section 30	Township 16 South	Range 29 East	County Eddy	
Location of Well: 2310 feet from the North line and 330 feet from the West line.					
Surface Elev 3692.	Producing Formation SA - Penrose	Pool East Red Lake	Section Area 25.60		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

RECEIVED BY
FEB 01 1986
O.C.D.
ARTESIA, OFFICE

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.

Fred Pool, Jr

Position

President

Company

Fred Pool Drilling, Inc.

Date

Nov. 15, 1985

DAN R. REDDY
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
5412
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 true and correct to the best of my knowledge and belief.

Date Surveyed

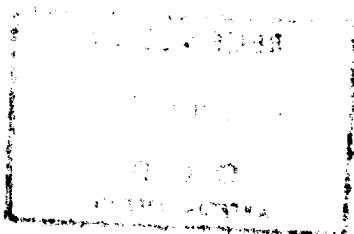
November 9, 1985

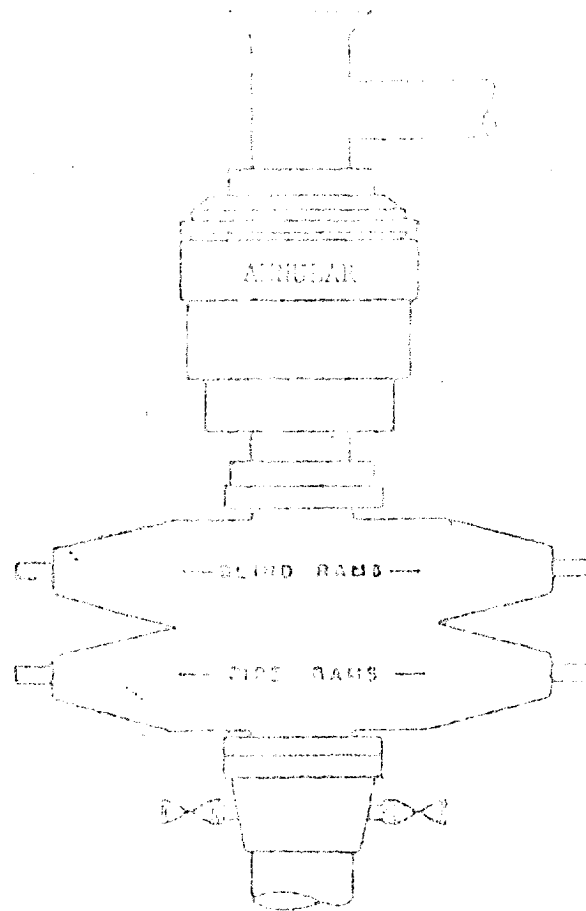
Registered Professional Engineer and Land Surveyor

Dan R. Reddy

Certificate No.

NM PELS NO. 5412





BE MAN TOGETHER AND TAKE TIME

SHEATH TYPE F
DOUBLE RAN
STRIP 900

BLOWOUT PREVENTER STACK - 3000 psi W.P.

BLOWOUT PREVENTER ARRANGEMENT
 FRED POOL DRILLING, INC.
 WELL #3 MAX FEDERAL
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 30-16S-29E
 EDDY COUNTY, NEW MEXICO

SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL #3 MAX FEDERAL
SW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 30-16S-29E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3692 Feet).

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Yates	800'	Queen	1600'
Seven Rivers	1350'	San Andres	2400'

3. ANTICIPATED POROSITY ZONES:

Water	-	Above 275'
Oil	-	1500' - 2500'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint
8 5/8"	0 - 300'	24.0#	J-55	STC
4 $\frac{1}{2}$ " - 5 $\frac{1}{2}$ "	0 - 2500'	9.5# - 14.0#	J-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 will be used on surface.

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 CASES: None Anticipated.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about January 18, 1986. Duration of drilling, completion and testing operations should be one to five weeks.

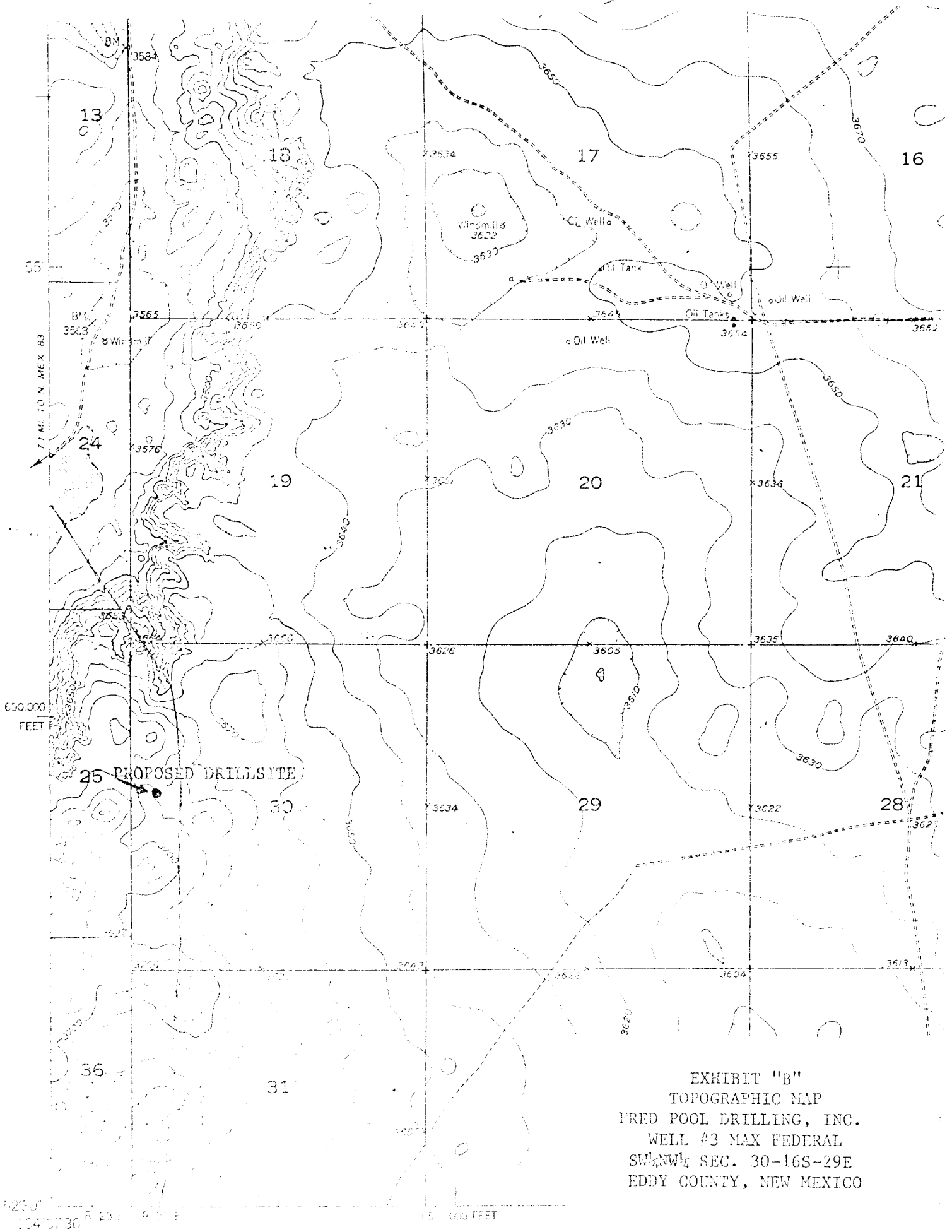


EXHIBIT "B"
 TOPOGRAPHIC MAP
 FRED POOL DRILLING, INC.
 WELL #3 MAX FEDERAL
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 30-16S-29E
 EDDY COUNTY, NEW MEXICO

32° 52' 30" N
 104° 01' 30" W
 650,000 FEET
 15" MAP FEET

Mapped, edited, and published by the Geological Survey
 Control by GDS and USGS
 Data by GDS and USGS and from field observations

EXHIBIT "D"
SKETCH OF WELL PAD
FRED POOL DRILLING, INC.
WELL #3 MAX FEDERAL
SW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 30-16S-29E
EDDY COUNTY, NEW MEXICO

