

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ☐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 FEL

2310 FNL

At proposed prod. zone

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

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 2310'

18. DISTANCE FROM PROPOSED LOCATION*

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

660'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

2600 ft.

20. ROTARY OR CABLE TOOLS

Cable tool

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

3620' Gr

22. APPROX. DATE WORK WILL START*

October 28, 1986

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24#	350 ft.	sufficient to circulate
7 7/8	4 1/2 - 5 1/2	9.5# - 14#	2600 ft.	350 sx.

Pay zone will be completed in a prudent manner for optimum production.

Attached are: 1. Well location & acreage dedication plat
2. Supplemental drilling data
3. Surface use plan

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

Vice President

DATE

Sept. 15, 1986

(This space for Federal or State office use)

PERMIT NO.

Original: Charles S. Pool

APPROVAL DATE

APPROVED BY

Area Manager

TITLE

DATE

3-12-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

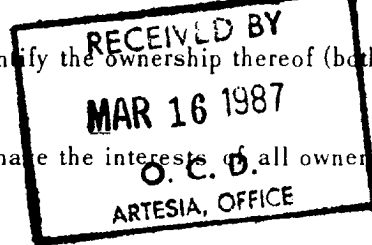
**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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. 9
Unit Letter G	Section 12	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 2310 feet from the North line and 2310 feet from the East line					
Ground Level Elev. 3620.	Producing Formation Q-GB- SA		Pool Q-G-SA Artesia Oil Pool		Dedicated Acreage: 40 Acres

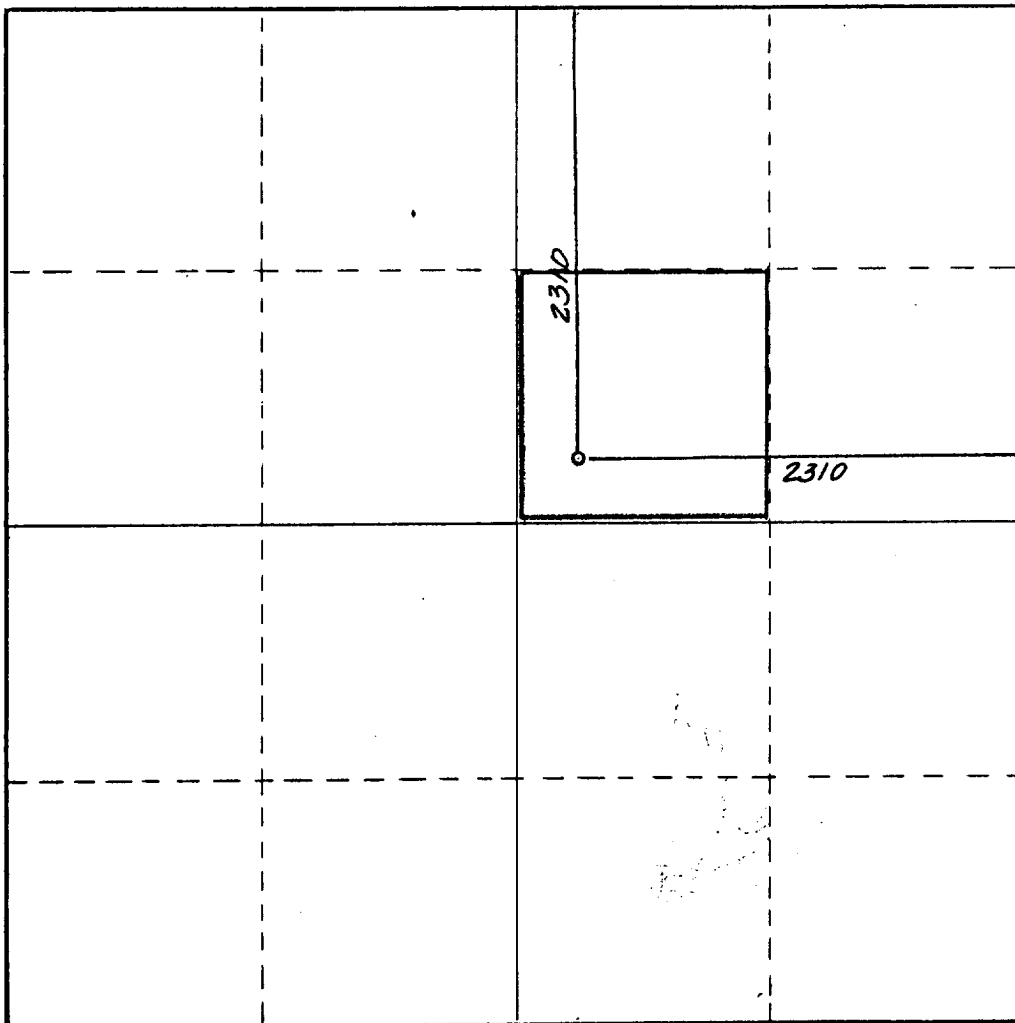
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

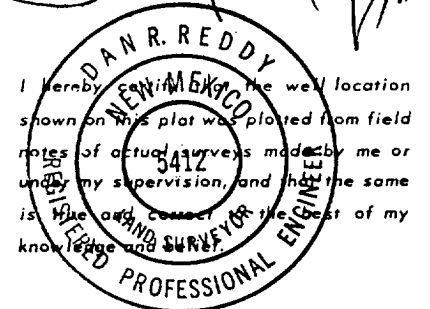


CERTIFICATION

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

Fred Pool, Jr.
Name
Fred Pool Drilling, Inc
Position
President
Company
September 15, 1986
Date

[Signature of Fred Pool, Jr.]



Date Surveyed
September 11, 1986
Registered Professional Engineer
and/or Land Surveyor

[Signature of Dan R. Reddy]
Certificate No.

NM PE&LS NO. 5412



SUPPLEMENTAL DRILLING DATA

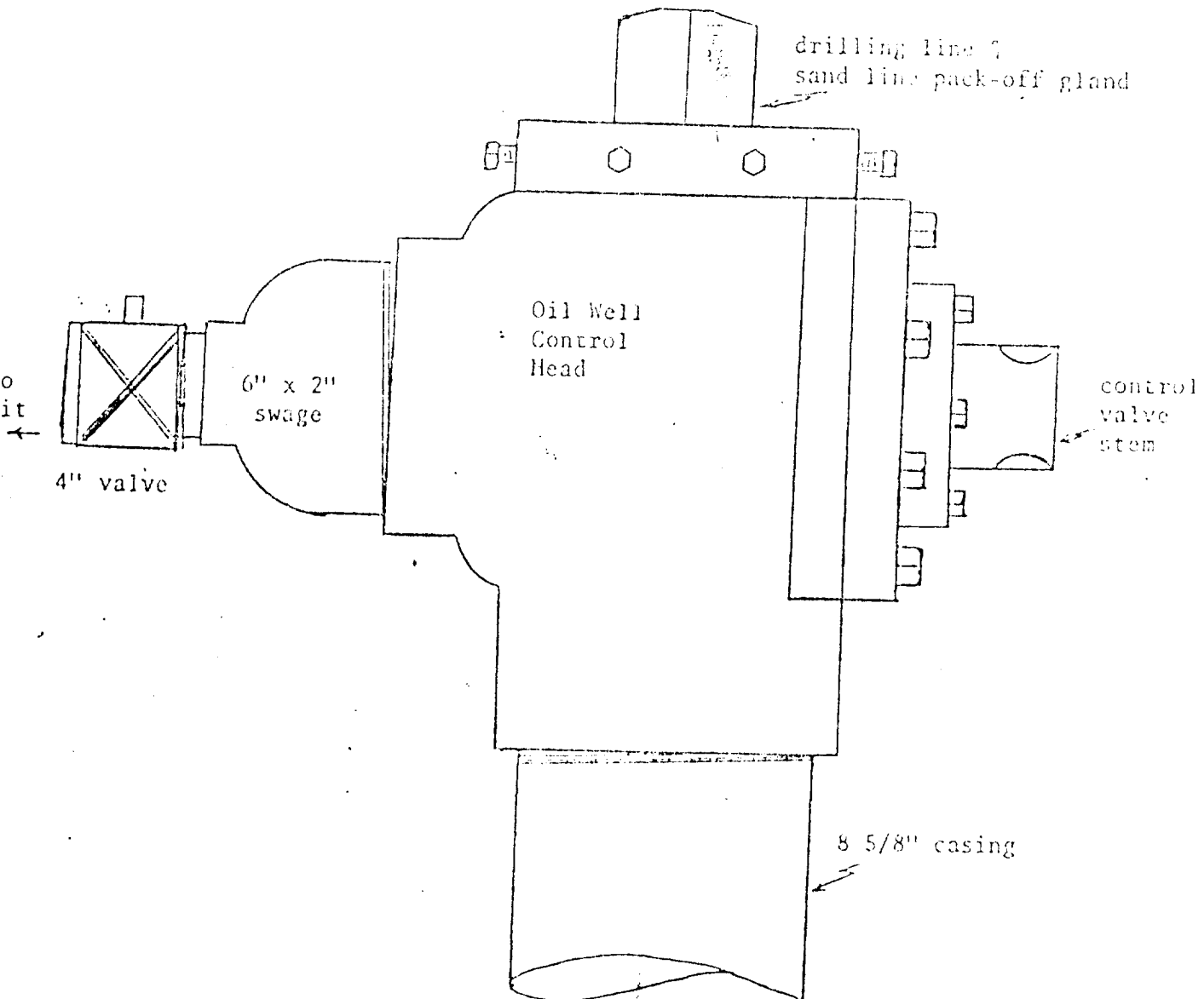
BLOWOUT PREVENTER ARRANGEMENT

FRED POOL DRILLING, INC.

WELL #9 COMSTOCK FEDERAL

SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 12-18S-27E

EDDY COUNTY, NEW MEXICO



Cable Tool Control Head

SUPPLEMENTAL DRILLING DATA

FRED POOL DRILLING, INC.
WELL #9 COMSTOCK FEDERAL
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 12-18S-27E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3620 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#	K-55	STC
4 $\frac{1}{2}$ - 5 $\frac{1}{2}$ "	0 - 2600'	9.5 - 14.0#	K-55	STC

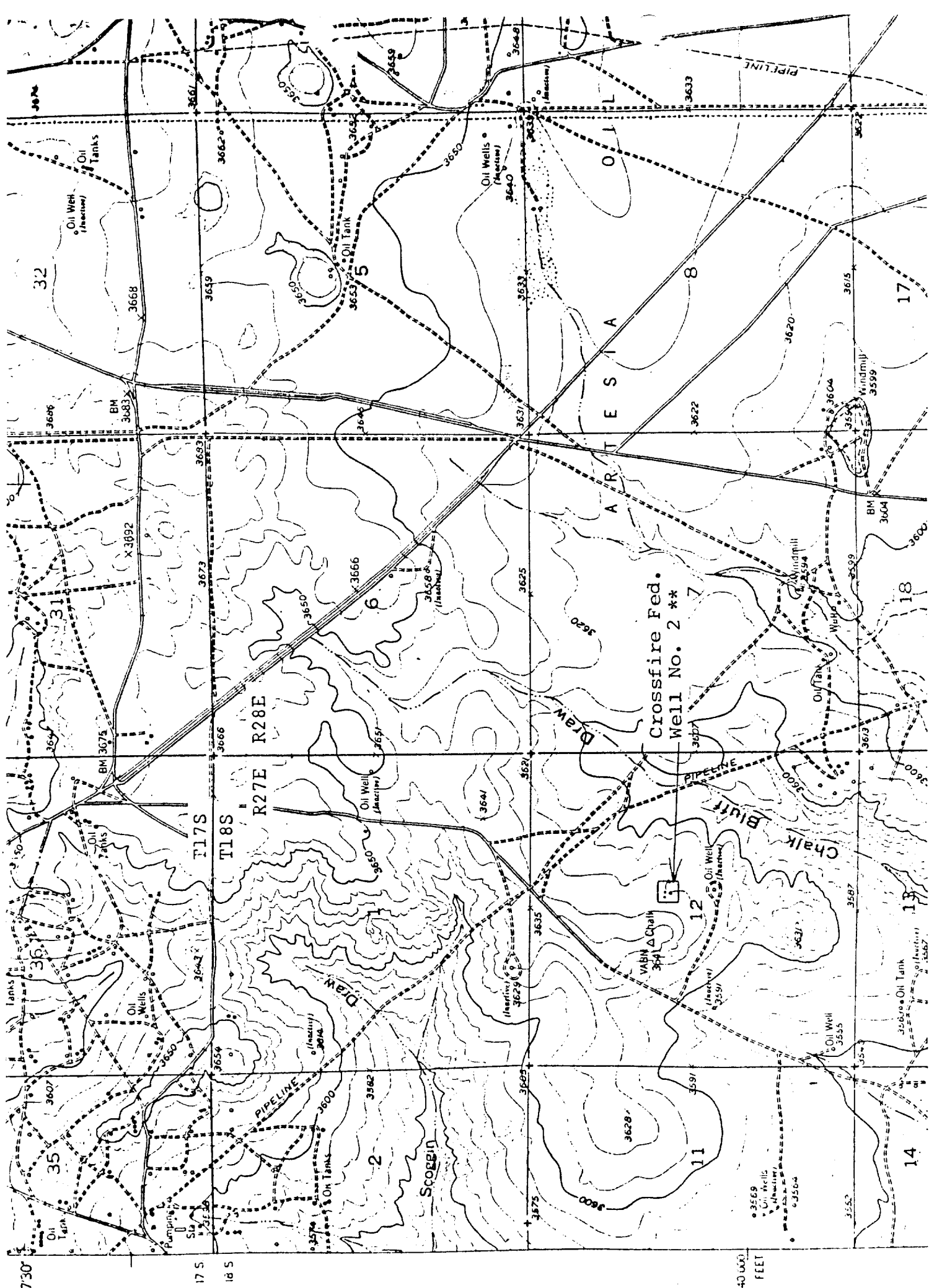
5. SURFACE CONTROL EQUIPMENT: A control head BOP will be used.

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 October 28, 1986. Duration of drilling, completion and testing operations should be one to five weeks.



Map showing the location of the Fred Pool Operating Company Crossfire Federal Well No. 2. T18S, R27E, Section 12, Centre, SW1/4SW1/4 [2310 FNL, 2310 FEL], Eddy County, New Mexico. Open square shows

†† Name changed to COMSTOCK FEDERAL #9

EXHIBIT "D"
SKETCH OF WELL PAD
FRED POOL DRILLING, INC.
WELL #9 COMSTOCK FEDERAL
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 12-18S-27E
EDDY COUNTY, NEW MEXICO

