

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

COLLIER ENERGY, INC.

(Deeg Becker)

(505-746-2776)

3. ADDRESS OF OPERATOR

P. O. Drawer R, Artesia, New Mexico 88210

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

At surface

330' FSL & 1650' FWL of Section

At proposed prod. zone

same

(Unit N)

(SE 1/4 SW 1/4)

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

11 air miles east-southeast of Artesia, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

(330')

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3700'

19. PROPOSED DEPTH

2600' San Andres

20. ROTARY OR CABLE TOOLS

Rotary

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

3593' GR

22. APPROX. DATE WORK WILL START*

October 24, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	350'	Sufficient to circulate
7 7/8"	5 1/2"	14#	2600'	200 sacks

Pay zone will be selectively perforated and stimulated as needed 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

James A. Knaut
James A. Knaut

TITLE Agent

DATE October 8, 1984

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

AREA MANAGER

CARLSBAD RESOURCE AREA

DATE

11-15-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*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.

All distances must be from the outer boundaries of Section.

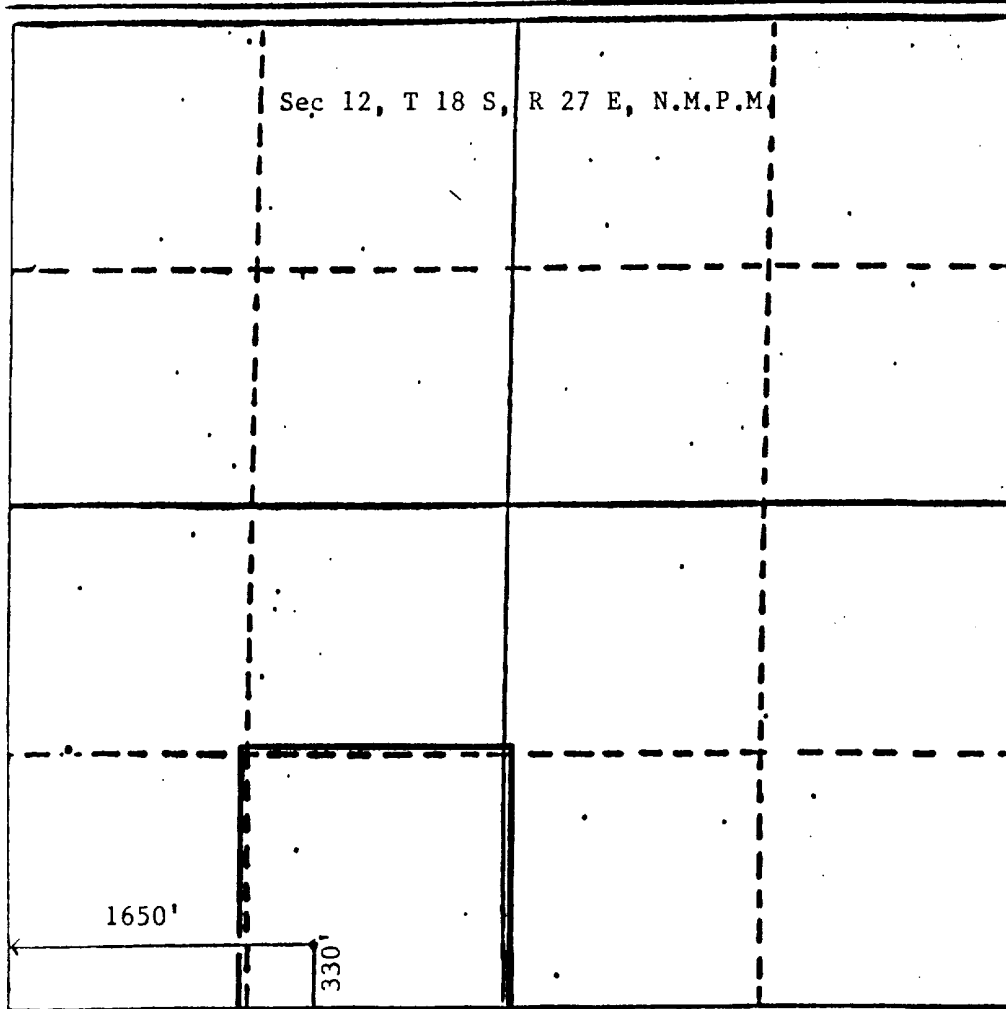
Operator Collier Energy, Inc.		Lease Comstock Federal		Well No. #1	
Unit Listed N	Section 12	Township 18 S	Range 27 E	County Eddy	
Actual Wellbore Location of Well 330 feet from the FSL line and 1650 feet from the FWL line					
Ground Level Elev. 3593	Underlying Formation Q - Gb - SA		Pool Artesia - Q-G-SA		Dedicated Acreage 40 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 Division



CERTIFICATION

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

Name

James A. Knauft

Position

Agent

Company

COLLIER ENERGY, INC.

Date

October 8, 1984

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 Signed

September 26, 1984

Investigated by _____
and/or _____

John A. Jaques, Jr., E. & L.S.

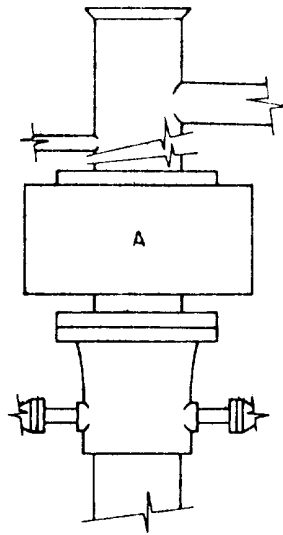
Certificate No.

6290

BOOK #21 P. 54

BLOWOUT PREVENTER ARRANGEMENT

Collier Energy, Inc.
Well #1 Comstock Federal
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-18S-27E



ARRANGEMENT A

SUPPLEMENTAL DRILLING DATA

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

1. SURFACE FORMATION: Artesia Group of Permian Age. (Elev. 3593 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:

<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 - 2600'	14.0#	K-55	STC

5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular BOP will be used.

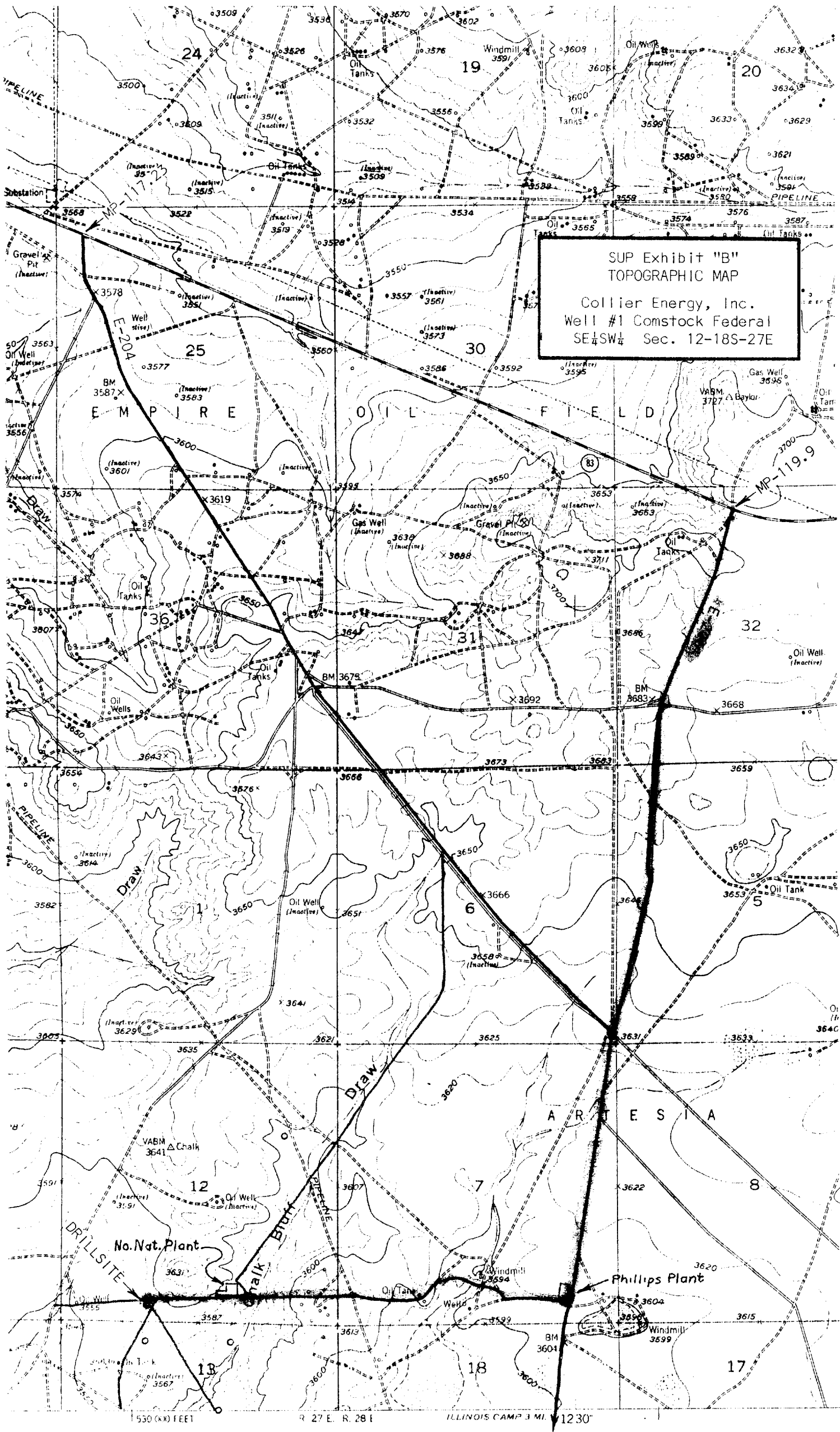
6. CIRCULATING MEDIUM: Fresh water mud conditioned as necessary for control of viscosity and water loss.

7. AUXILIARY EQUIPMENT: None considered necessary on this shallow development well.

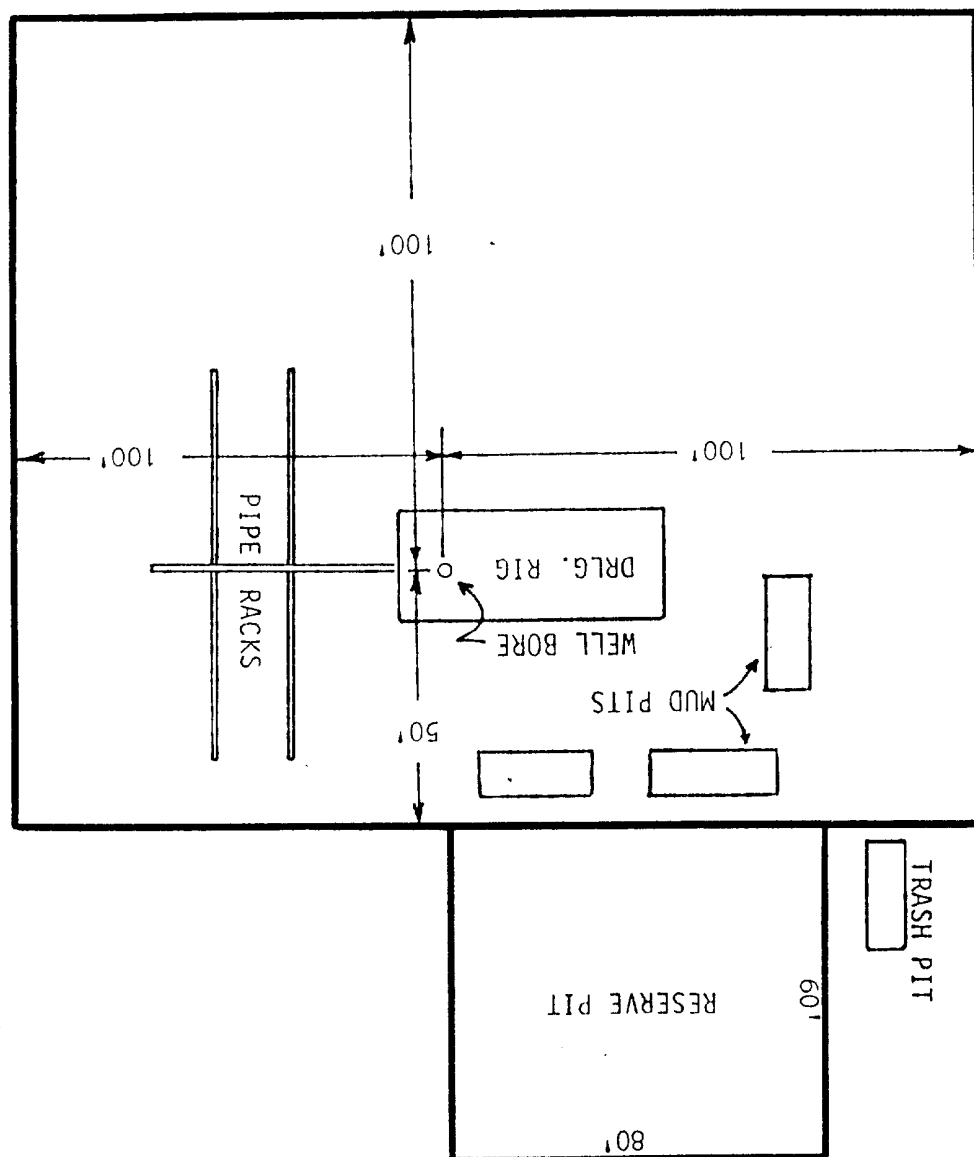
8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned. Electric logs will include a Compensated Neutron log with Gamma Ray.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about October 24, 1984. Duration of drilling, completion and testing operations should be one to five weeks.



SUP Exhibit "B"
TOPOGRAPHIC MAP
Collier Energy, Inc.
Well #1 Comstock Federal
SE 1/4 SW 1/4 Sec. 12-18S-27E



SUP Exhibit "D"
 SKETCH OF WELL PAD
 Collier Energy, Inc.
 Well #1 Comstock Federal
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-18S-27E