

RECEIVED BY
MAR 18 1985
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

LC-028731 (B)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

M. Dodd "B"

9. WELL NO.

47

10. FIELD AND POOL, OR WILDCAT

Grbg Jackson SR Q G SA

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

Sec. 14-T17S-R29E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

1a. TYPE OF WORK

O. C. D.

ARTESIA OFFICE

DRILL ☒DEEPEN ☐PLUG BACK ☐OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
BONE ☒MULTIPLE
BONE ☐

2. NAME OF OPERATOR

Marbob Energy Corporation ✓

3. ADDRESS OF OPERATOR

P.O. Drawer 217, Artesia, N.M. 88210

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

At surface
1425 FNL 330 FEL

At proposed prod. zone Same

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

20 air miles east of Artesia, N.M. 88210

15. DISTANCE FROM PROPOSED*

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

330'

16. NO. OF ACRES IN LEASE

1480

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.

19. PROPOSED DEPTH

3450'

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

3636.8' 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#	350'	Sufficient to circulate
7 7/8"	5 1/2"	15.50#	3450'	450 sax. to base of salt

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

Attached are: 1. 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 Production Clerk

DATE 12/14/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

UNLEAD RESOURCE AREA

DATE

3-18-85

CONDITIONS OF APPROVAL, IF ANY:

Subject to
Like Approval
by State

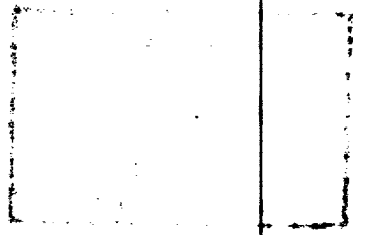
Unorthodox
location
NSL R-7819

*See Instructions On Reverse Side

APPR. 2-14-85

APPROVAL SUBJECT
GENERAL REQUIREMENTS
SPECIAL STIPULATIONS
ATTACHED

Posted IDI
APR 4 NCL
3-22-85



**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.

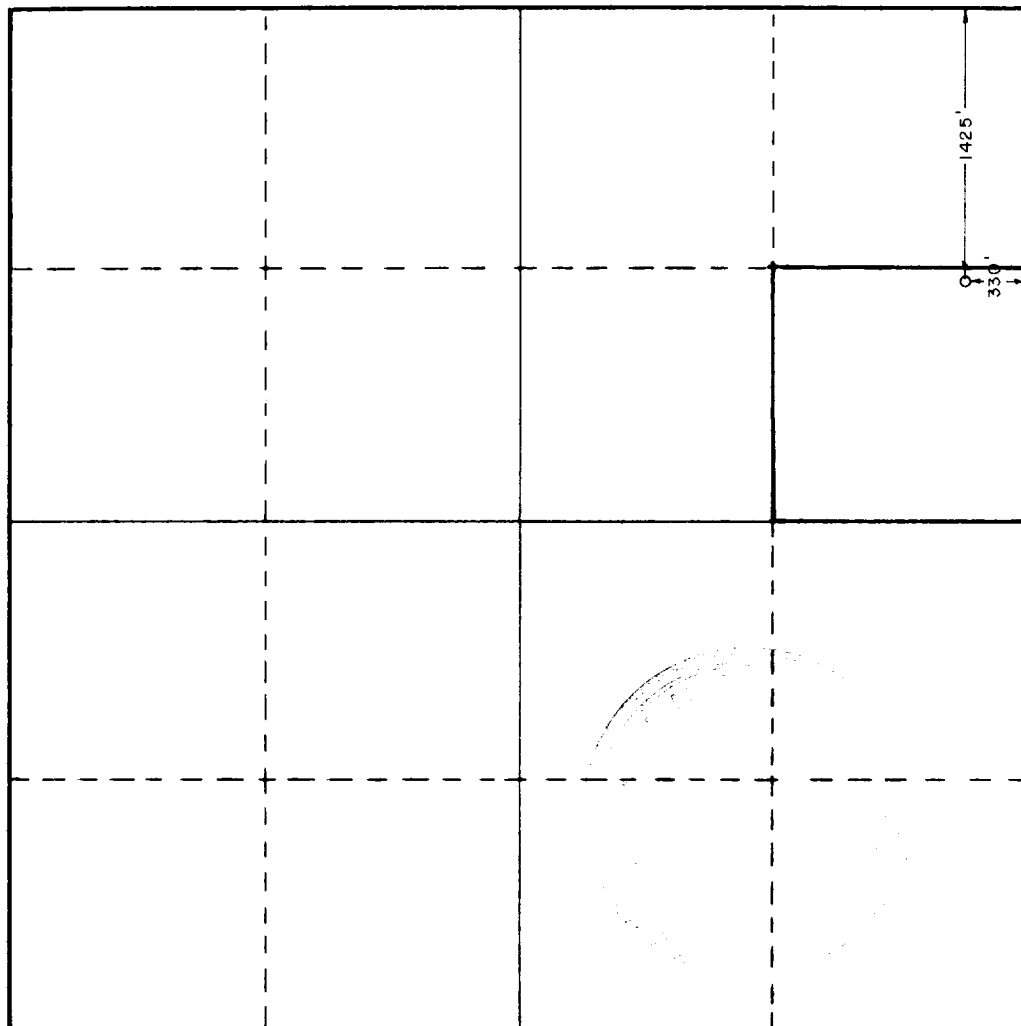
Operator Marbob Energy Corp.			Lease M. Dodd "B"		Well No. 47
Unit Letter H	Section 14	Township 17 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 1425 feet from the north line and 330 feet from the east line					
Ground Level Elev. 3636.8'	Producing Formation San Andres		Pool Grbg Jackson SR Qn Grbg SA	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.

Carolyn Purcella

Name
Carolyn Purcella

Position
Production Clerk

Company
Marbob Energy Corporation

Date
12/14/84

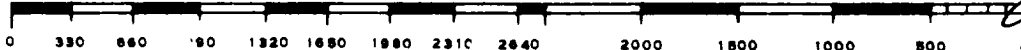
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
September 24, 1984

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



REGAN OFFSHORE INTERNATIONAL, INC.

Torrance,

ANNULAR

REGAN BLOWOUT PREVENTERS

The Regan Torus Blowout Preventer is used primarily on production and workover rigs for well control up to 3000 PSI working pressure

DESIGN FEATURES

- a. The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.
- b. The rubber packer will conform to any obstruction in the well bore. Sealing ability is not affected by minor damage to the inner lips.
- c. The packer will seal in open hole at full working pressure.
- d. The dual packer design increases the reliability of the preventer since the outer rubber is never exposed to the well bore. Under ordinary service, the outer packer is rarely replaced.



TORUS BLOWOUT PREVENTER
PATENTED

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	DIMENSIONS (in.)				Weight (lb.)	End Flanges (I)	R/RX Ring Grooves	Side Outlet
		Outside Diameter	Inside Bore	Overall Height	Overall Width				
6	1000	24 1/2	21 1/2	25 1/2	25 1/2	1400	1000	25	2" L.P.
8	1500	30 1/2	27 1/2	31 1/2	31 1/2	2000	1500	35	2" L.P.
10	2000	36 1/2	33 1/2	37 1/2	37 1/2	2600	2000	45	2" L.P.

SUP Exhibit "F"

REGAN BLOWOUT PREVENTER

Marbob Energy Corporation

Well #47 M. Dodd "B" Federal

SEINE Sec. 14-17S-29E.

SUPPLEMENTAL DRILLING DATA

MARPOC ENERGY CORPORATION
WELL #47 M. DODD "F" FEDERAL
SE1/4NE1/4 SEC. 14-17S-29E
HDDY COUNTY, NEW MEXICO
(DEVELOPMENT WELL)

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Salt	360'	Queen	1815'
Pace Salt	780'	Grayburg	2140'
Yates	930'	San Andres	2510'
Seven Rivers	1145'	Glorietta	3900'

3. ANTICIPATED POROSITY ZONES:

Water	Above 180'
Oil	2350 - 3450'

4. CASING DESIGN:

SIZE	INTERVAL	WEIGHT	GRADE	JOINT	CONDITION
8 5/8"	0-350'	24.0#	K-55	STC	New
8 1/2"	0-3450'	15.5#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular POP will be used. (See diagram attached as Exhibit "F")

6. CIRCULATING MEDIUM:

0 - 350' Fresh water mud with gel or lime as needed for viscosity control.

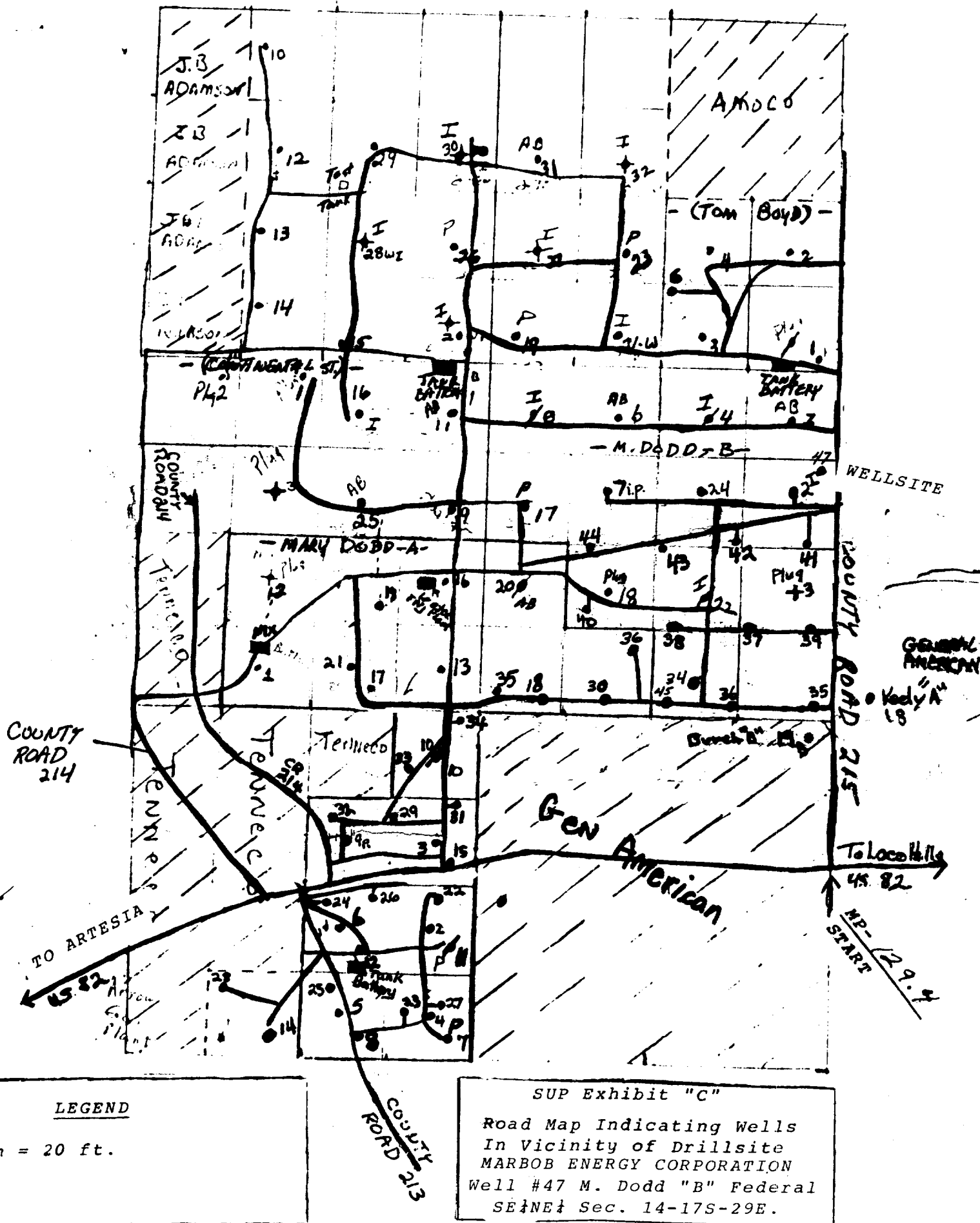
350' - 3450' Salt water mud, conditioned as necessary for control of viscosity and water loss or gain.

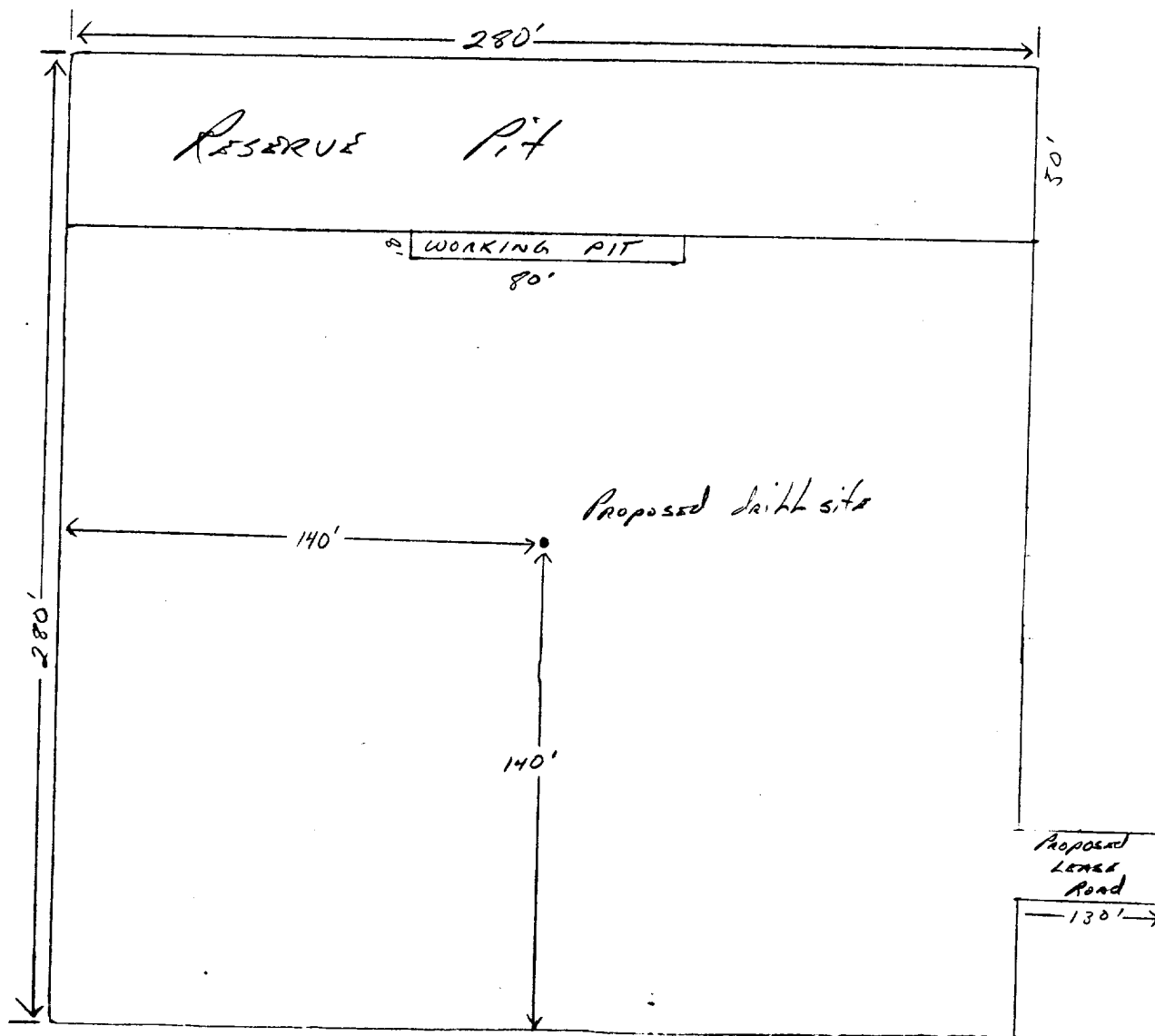
7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. LOGGING PROGRAM: CNL-FDC W/GP Log will be run to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: A water flow may be encountered in the salt section.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about January 31, 1985. Duration of drilling, testing and completion operations should be one to four weeks.





LEGEND

1cm = 20 ft.

SUP Exhibit "D"

SKETCH OF PROPOSED WELL PAD
MARBOB ENERGY CORPORATION
Well #47 M. Dodd "B" Federal
SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 14-17S-29E.