

30-105-62010

5. LEASE DESIGNATION AND SERIAL NO.

USNM 18607-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Section 10

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat - Shafter

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

Sec 10, T-8-S, R-26-E

12. COUNTY OR PARISH 13. STATE

Chaves New Mexico

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

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 552 Midland, Texas 79702

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

At surface

660' FNL & 660' FEL, Sec 10, T-8-S, R-26-E

At proposed prod. zone

Same as above

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

22 miles Northeast of Roswell

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

440

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.

N/A

19. PROPOSED DEPTH

1700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3827.5' GL, Estimated 3841.5' KB

22. APPROX. DATE WORK WILL START*

June 30, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5#/ft K-55	950'	800 sacks CIRCULATE
9 7/8"	7 5/8"	26.4#/ft K-55	1700'	400 sacks

Propose to drill no deeper than 1700'.

All casing will be cemented and tested by approved methods.

Blowout equipment will consist of a 3000 psi working pressure annular preventer.

RECEIVED

MAY 10 1983

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

EA Feyendecker

TITLE Associate Drilling Engineer

DATE May 4, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Ch. Lopez

TITLE

Acting Asst. District Manager for Minerals

DATE

5/19/83

CONDITIONS OF APPROVAL, IF ANY:

*Post #D-1
5-27-83
APF + New Inc.*

NEW MEXICO CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 0-1-1
Supersedes 0-1-0
Effective 1-1-65

All distances must be from the outer boundaries of the Section

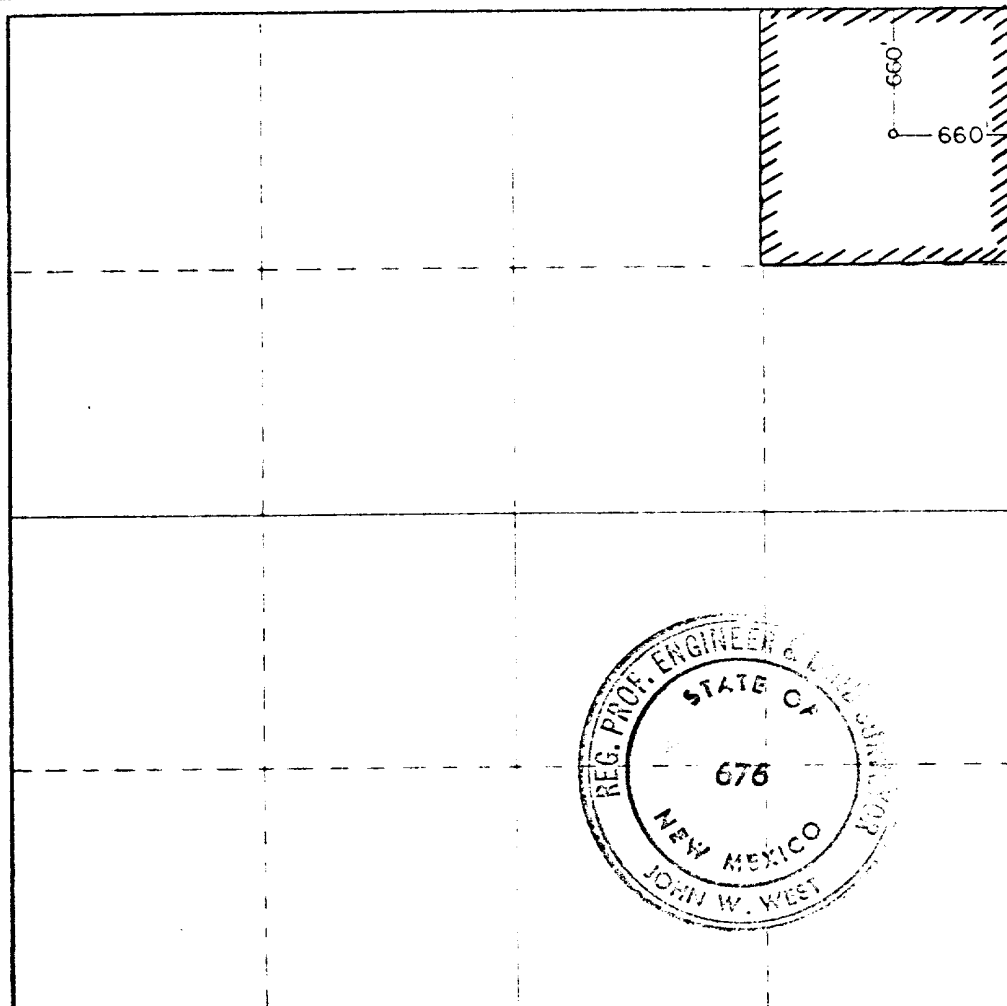
MARATHON OIL CO.		FEDERAL SECTION 10		Area: 1	
Quarter: A	10	8S	26E	CHAVES	
660 NORTH		660 EAST			
3827.5 Slaughter		Wildcat		40	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, forced-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.

E. A. Leyendecker III

E. A. Leyendecker III

Associate Drilling Engineer

Marathon Oil Company

May 4, 1983

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:

4/26/83

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

JOHN W. WEST N.M. NO. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300

MARATHON OIL COMPANY
FEDERAL SECTION 10 NO. 1
Additional Information
Comply with NTL-6

1. Geologic Name of Surface Formation

Quaternary

2. Estimated Tops of Important Geologic Markers

San Andres 875'
Slaughter 1420'

3. Estimated Depths of Anticipated Water, Oil, or Gas Bearing Formations

Upper San Andres (Water) 875'
Slaughter (Oil) 1420'

4. Proposed Casing Program

See attached application.

5. Blowout Equipment Specifications

-- 1 - 11", 3000 psi working pressure Annular Preventor with 11" API
Flange Connections

-- Annular Preventer will be tested to 1500 psi

6. Proposed Mud Program

0' - 950'	Fresh Water Gel Mud Wt: 8.4-9.0 ppg Viscosity: 30-32 sec
950' - 1700'	Brine Water with paper for fluid loss Mud Wt: 9.4-9.8 Viscosity: 32-34 sec

7. Auxiliary Equipment

A stabbing valve will be kept on the floor to be used when the Kelly is not in the string

8. Testing, Logging, and Coring Programs

A. No cores are anticipated.

B. The logging program is as follows:

Lithodensity/Compensated Neutron Log/Gamma Ray	TD to 950'
Dual Induction/Microlaterolog/Spontaneous Potential/Caliper	TD to 950'

C. Possible Drill Stem Test.

Slaughter

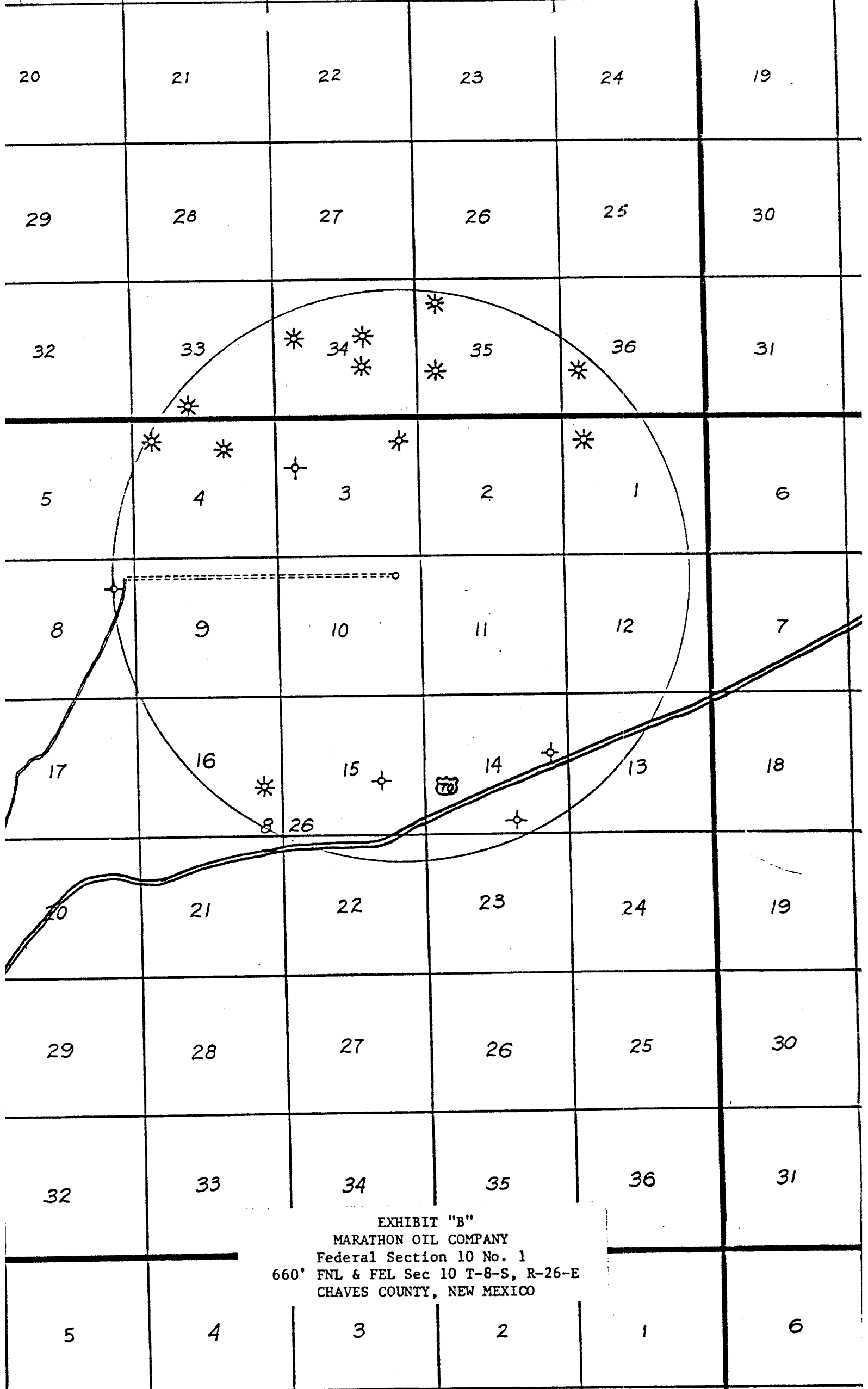


EXHIBIT "B"
MARATHON OIL COMPANY
Federal Section 10 No. 1
660' FNL & FEL Sec 10 T-8-S, R-26-E
CHAVES COUNTY, NEW MEXICO

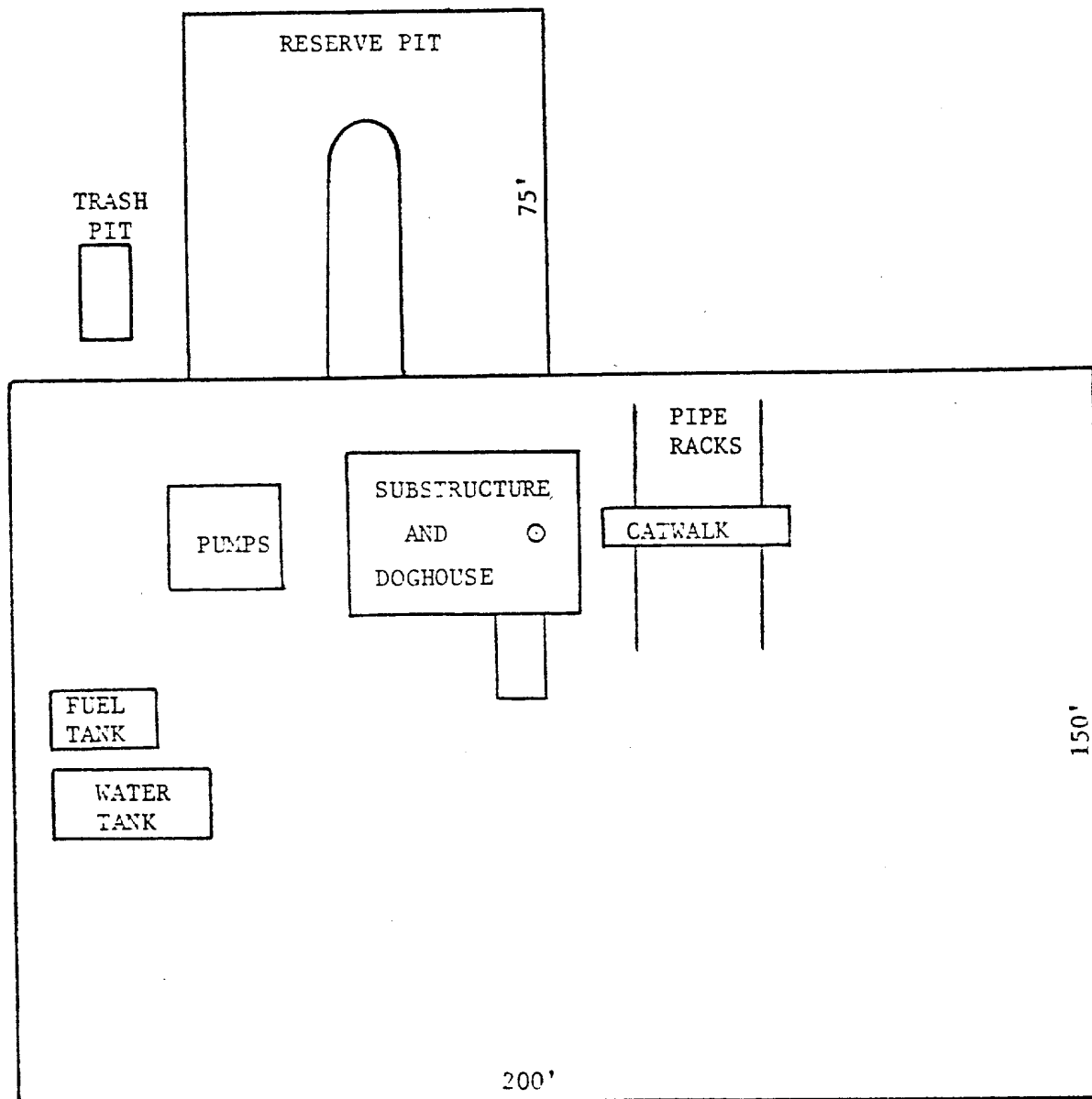
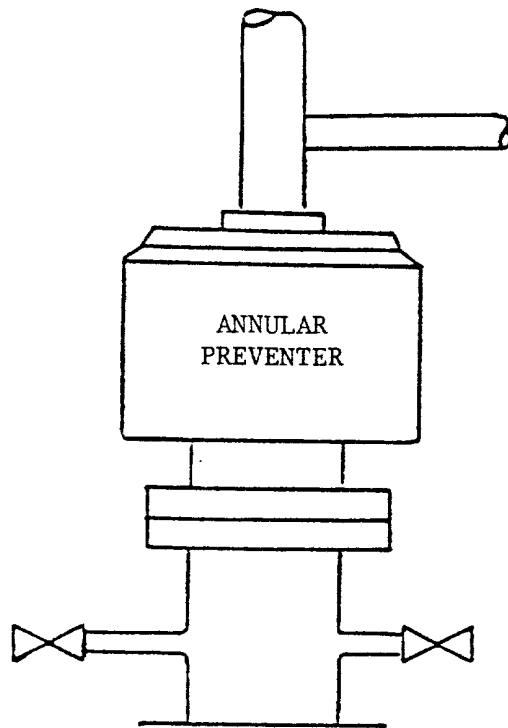


EXHIBIT "C"
 WELLSITE LAYOUT
 MARATHON OIL COMPANY
 FEDERAL SECTION 10 NO. 1
 660' FNL & 660' FEL, Sec 10, T8S, R26E
 CHAVES COUNTY, NEW MEXICO



SCHEMATIC DIAGRAM
BLOWOUT PREVENTER HOOK-UP
3000 PSI WORKING PRESSURE
11" API FLANGES