

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYNM OIL & GAS COMMISSION  
Conservation Division  
Reverse Side  
DD  
Artesia, NM 88210

30-015-24336

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-01119	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR Exxon Corporation		7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		8. FARM OR LEASE NAME Yates Federal C	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL and 660' FWL of Section		9. WELL NO. 8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7.4 miles North from Carlsbad		10. FIELD AND POOL, OR WILDCAT Undesig. Burton Flat - Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' drlg line		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T20S, R28E	
16. NO. OF ACRES IN LEASE 2261.75		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 41.20		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320' E to #6		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3280' GR		22. APPROX. DATE WORK WILL START* November 1982	

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	40'	21 sx CIRCULARE
12 1/4"	8 5/8"	24.0#	600'	280 sx CIRCULARE
7 7/8"	5 1/2"	14.0#	4700'	1800 sx CIRCULARE

Gas is not dedicated to a purchaser.

RECEIVED

NOV 9 1982

OIL & GAS  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO

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. SIGNER Edgar Runkel TITLE Unit Head DATE November 8, 1982

(This space for Federal or State office use)

APPROVED  
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
(ORIG. SGD.) DAVID R. CLARK  
APPROVED BY NOV 18 1982 TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL \_\_\_\_\_For JAMES A. GILLHAM  
DISTRICT SUPERVISOR

Federal Lse. No. \_\_\_\_\_ All distances must be from the outer boundaries of the Section.

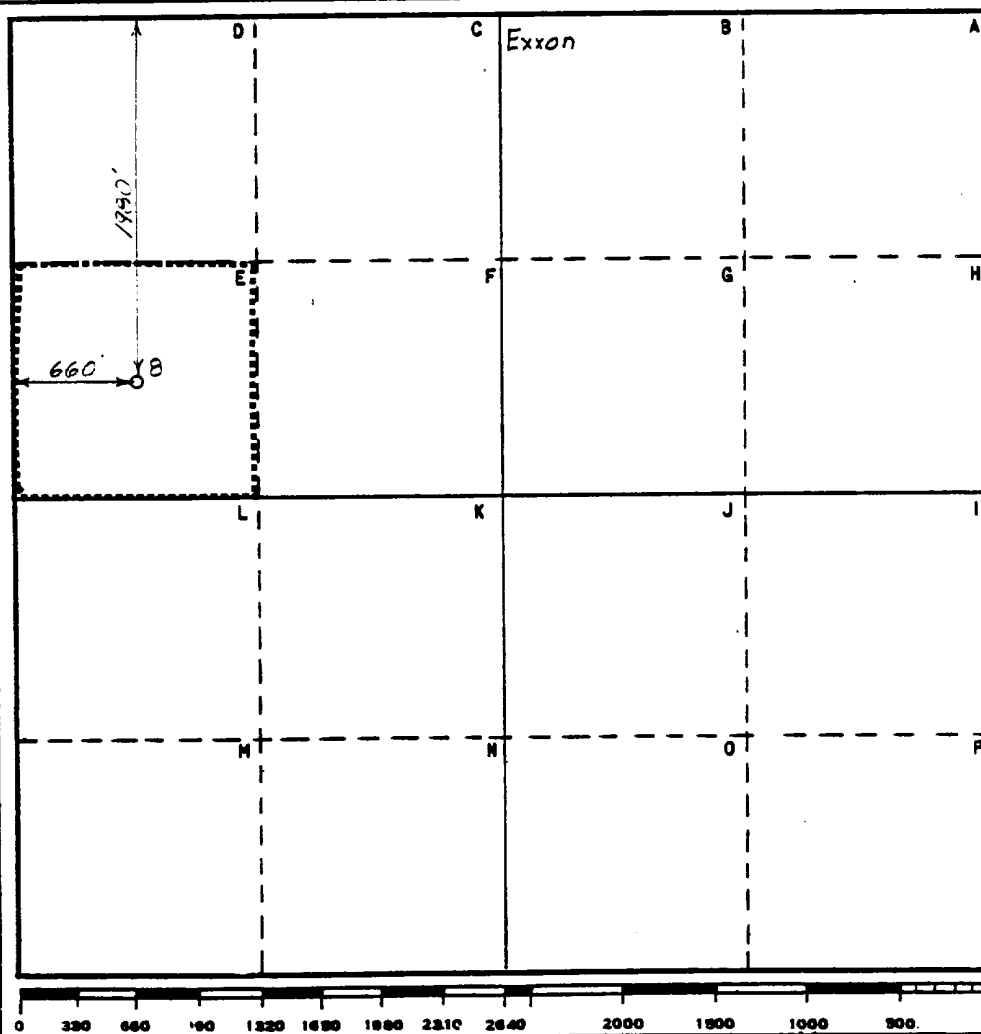
Operator Exxon Corporation		Lease Yates Federal "C"		Well No. 8
Unit Letter E	Section 31	Township 20 S	Range 28 E	County Eddy
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line				
Ground Level Elev: 3280	Producing Formation Delaware	Pool Undesig. Burton Flat	Dedicated Acreage 41.20 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.

Name  
*Melba Kripling*

Position  
UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date  
11-2-82

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  
10-28-82

Registered Professional Engineer  
and/or Land Surveyor

*W. J. Schumaker*  
Certificate No.  
3157

7.4 Miles N of Carlsbad, New Mexico

C.E. Sec. File No. WA-7922-D

YATES FEDERAL C #8  
1980' FNL and 660' FWL of Sec. 31, T20S, R28E  
Eddy County, New Mexico  
Federal Lease No. NM-01119

1. The geologic name of the surface formation: Recent.

2. The estimated tops of important geologic markers:

Top Salado	150'
Yeso	600'
Seven Rivers	800
Queen	1200'
Grayburg	1350'
San Andres	1500'
Delaware	2500'
Bone Spring	4700'

3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to occur:

Water -	150-600'
Oil - Delaware	2500'
Bone Spring	4700'

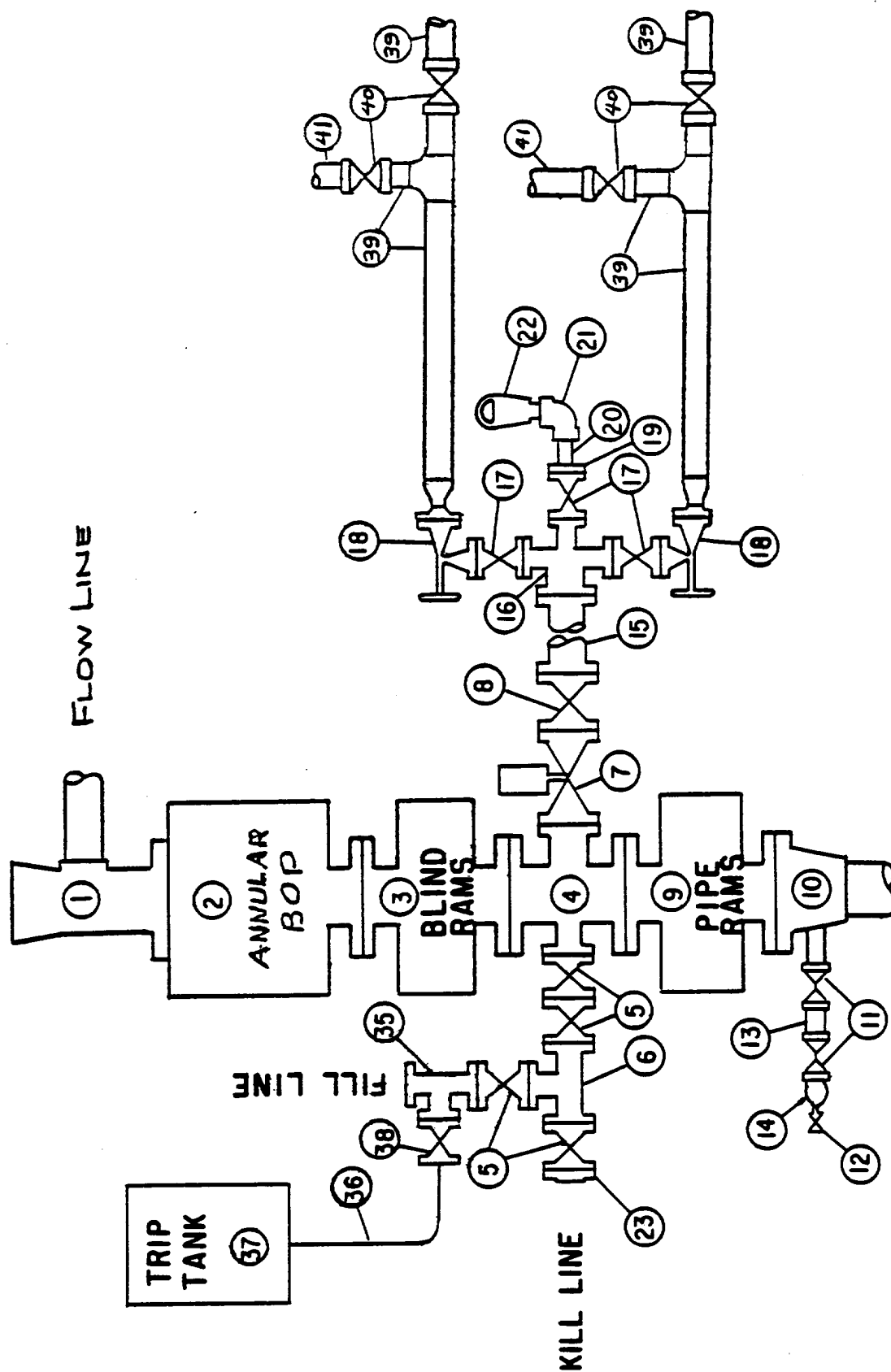
4. Proposed Casing Program

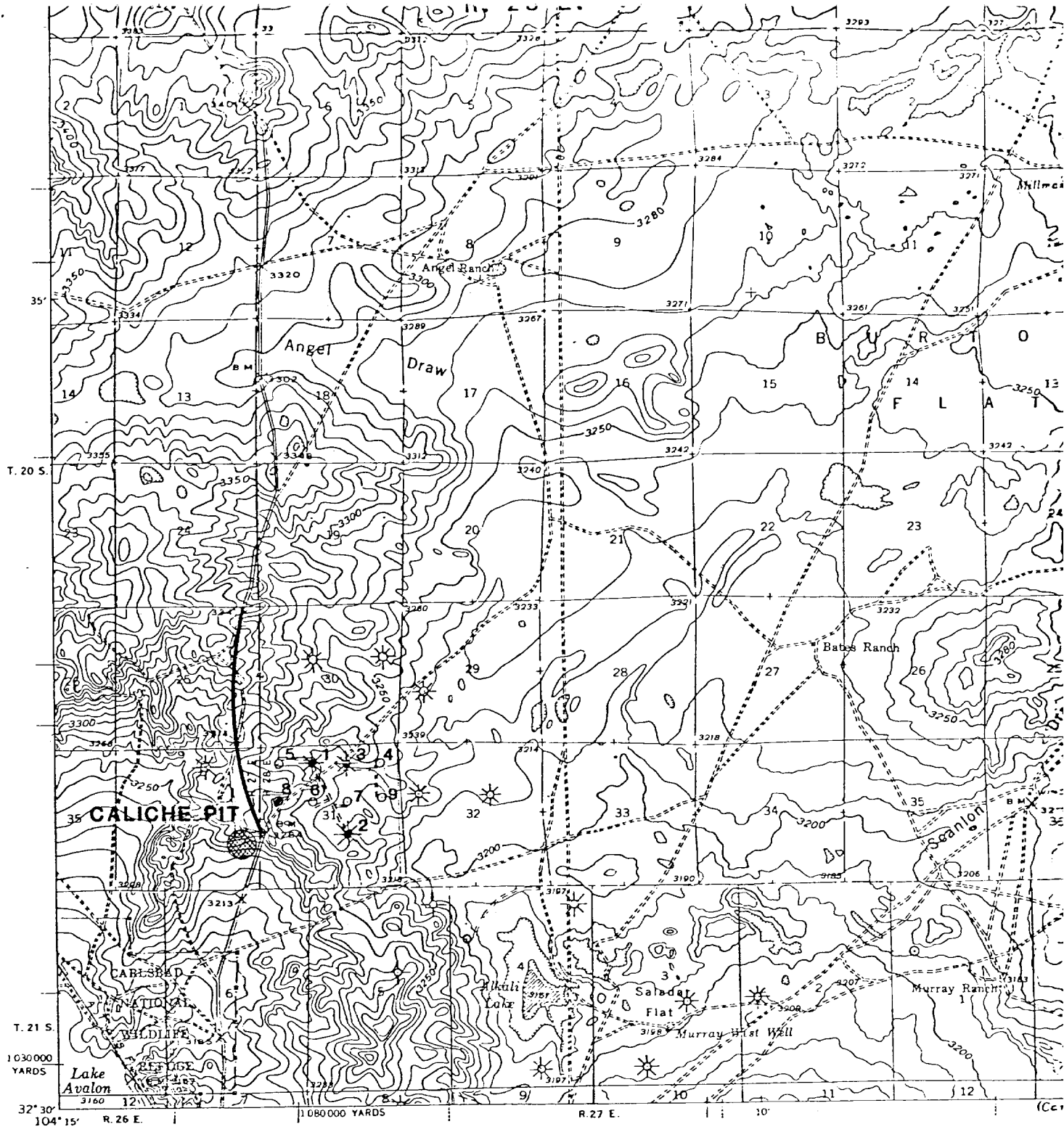
<u>String</u>	<u>Size</u>	<u>Weight/Grade</u>	<u>Condition</u>	<u>Depth Interval</u>
Conductor	13 3/8"	54.5#/K-55	New or Used	0- 40'
Surface	8 5/8"	24.0#/K-55	New or Used	0- 600'
Production	5 1/2"	14.0#/K-55	New or Used	0-4700'
Tubing	2 7/8"	6.5#/J-55	New	0-4600'

5. Minimum specifications for pressure control equipment:

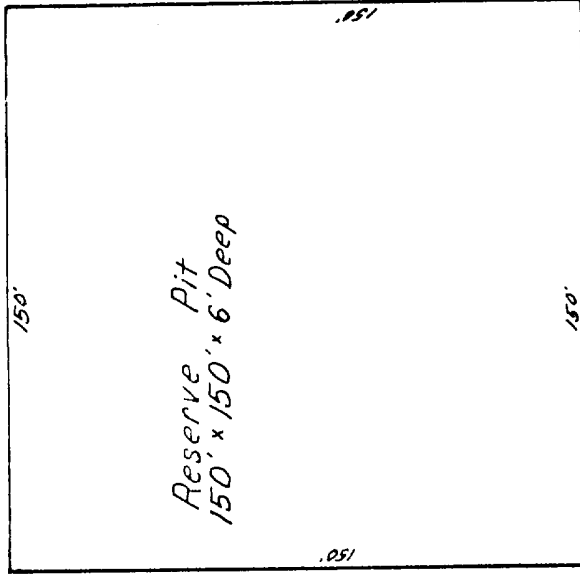
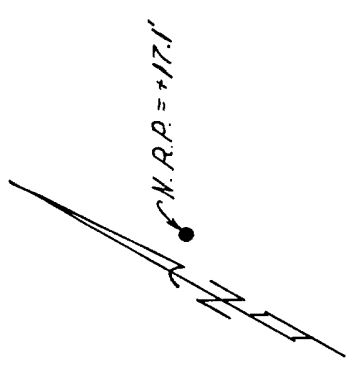
- a. Wellhead Equipment - Screwed type 300 psi WP for 8 5/8" x 5 1/2" casing program and 2 7/8" tubing.
- b. Blowout Preventers - Refer to attached drawings and lists of equipment titled "Type II-C" for description of BOP stack and choke manifold.
- c. BOP control unit - Unit will hydraulically operated and have at least 2 control stations.
- d. Testing - When installed on 8 5/8" surface casing the "Type II-C" BOP stack will be tested to a low pressure (200-300 psi) and to 2000 psi. Casing rams will be tested in like manner. An operational test of the blowout preventers will be performed on each round trip (but not more than once each day); the annular and pipe ram preventers will be closed on drill pipe, and the blind rams will be closed while pipe is out of the hole.

# MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C

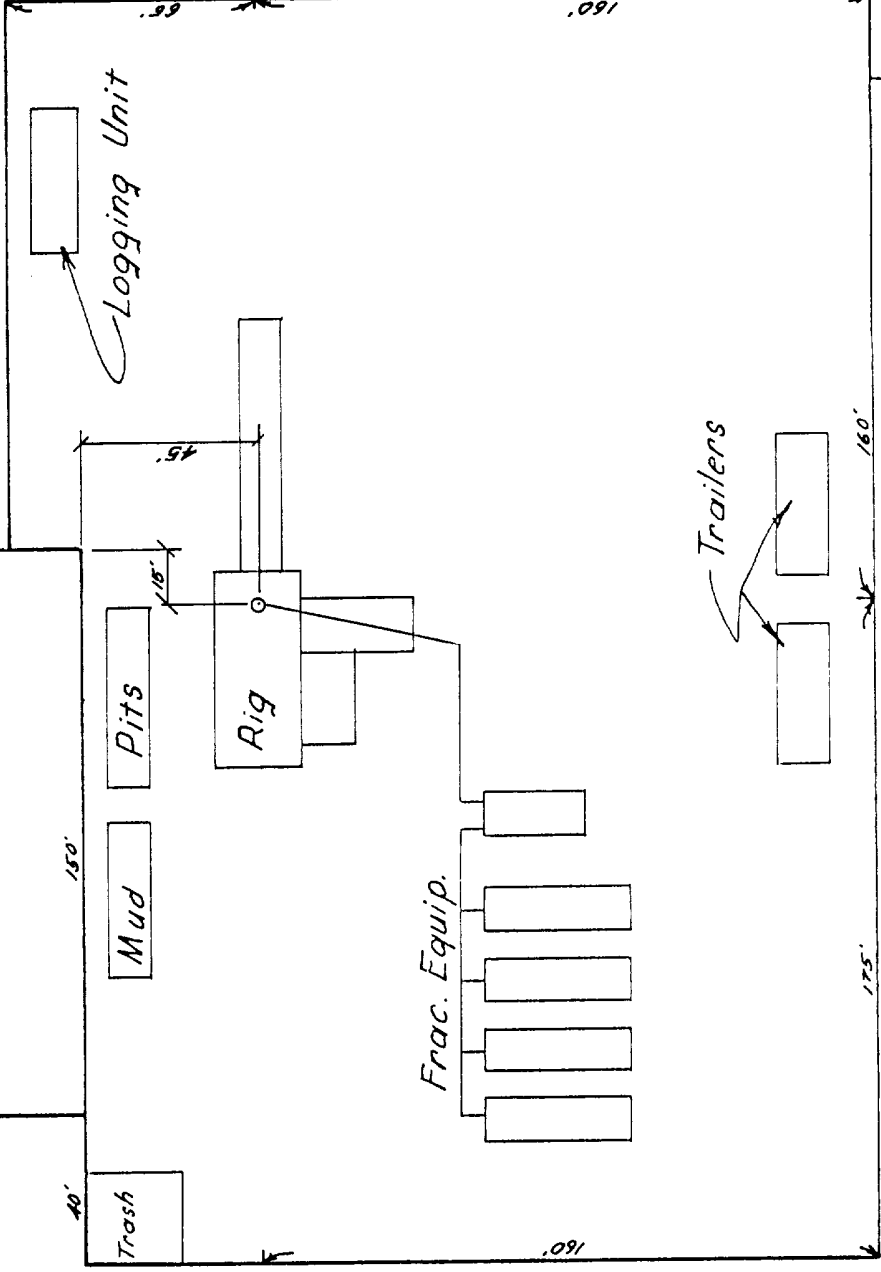




**EXHIBIT "A"**  
**YATES FEDERAL "C" #4 THRU #9**  
**SECTION #31 T-20-S R-28-E**  
**EDDY CO., NEW MEXICO**

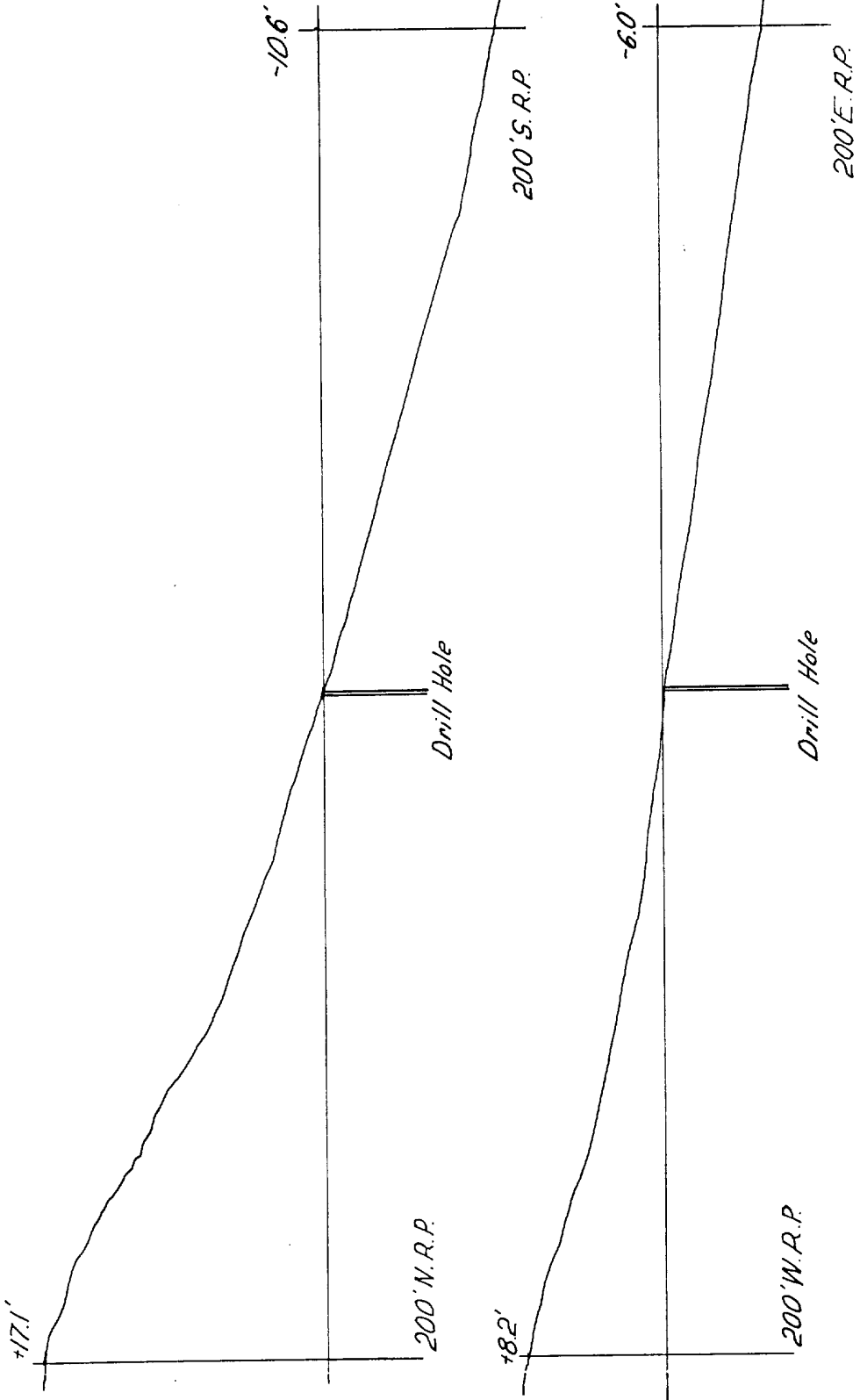


W.R.P. = +8.2'



S.R.P. = -10.6'

WELL SITE LAYOUT  
SCALE: 1"=50'



E.R.P. = -6.0'

CROSS-SECTIONS  
SCALE: 1"=50' Horizontal  
1"=10' Vertical

EXHIBIT "B"

YATES FEDERAL "C" #8 SECTION 31; T-20-S; R-28-E EDDY CO., NEW MEXICO	EXXON COMPANY, USA (a division of Exxon Corporation) PRODUCTION DEPARTMENT		
	DRAWN: C.S. Smith	ENGR. SECTION: C.S.M.	DATE: 11/3/82
		JOB NO.	FILE NO.
			W.D.-1725 F