

Drawer DD

Artesia, NM

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 ☐SING  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Exxon Corporation ✓

## 3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, TX 79702

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

At surface

1980' FWL and 1980' FSL of Section

At proposed prod. zone

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

6 miles North from Carlsbad

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660' drlg. line

## 16. NO. OF ACRES IN LEASE

2261.75

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 1320' W to #13

## 19. PROPOSED DEPTH

4700'

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

3252 GR

## 23.

## 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 CIRCULATE
12 1/4"	8 5/8"	24.0#	600'	280 sx CIRCULATE
7 7/8"	5 1/2"	14.0#	4700'	1800 sx CIRCULATE

Gas is not dedicated to a purchaser.

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

*Melba Knipling*

TITLE

Unit Head

DATE December 22, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVED

(ORIG. SGD.) DAVID R. GLASS

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF

APPROVAL, IF ANY:

JAN 5 1983

*JAG*  
JAMES A. GILLHAM  
DISTRICT SUPERVISOR

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-01119

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Yates Federal X

## 9. WELL NO.

10

## 10. FIELD AND POOL, OR WILDCAT

Undesig. Burton Flat -  
Delaware H. V. 10. H.11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 31, T20S, R28E

## 12. COUNTY OR PARISH

Eddy

## 13. STATE

New Mexico

DEC 23 1982  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO  
*Posted a 1/2  
1-14-83*

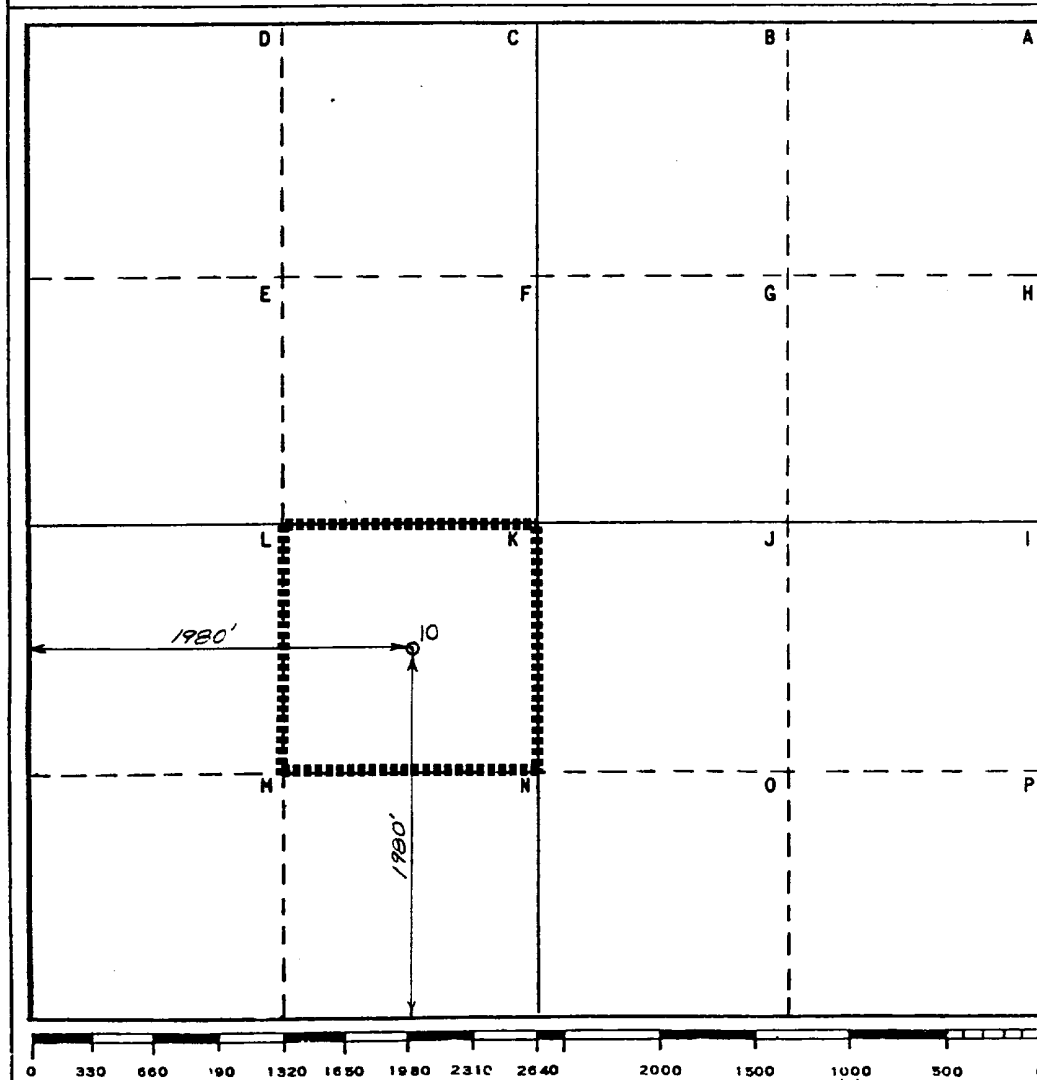
Operator Exxon Corporation			Lease Yates Federal "C"			Well No. 10		
Unit Letter K	Section 31	Township 20 S		Range 28 E	County Eddy			
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line								
Ground Level Elev: 3252.3		Producing Formation Delaware		Pool Undes. <del>Burton Flat</del> <i>Avalon Disturbance</i>		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.

Name *Edgar Runkel*  
Position **UNIT HEAD**

Company Exxon Corporation  
Box 1600 Midland, Texas

Date  
12-21-82

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  
12-16-82

Registered Professional Engineer  
and/or Land Surveyor

*W. J. Edmund*  
Certificate No.

6157

EXXON CORPORATION  
YATES FEDERAL "C" NO. 10  
1980' FSL, 1980' FWL  
Section 31, T20S, R28E  
Eddy County, New Mexico  
Federal Lease No. 01119

1. The geologic name of the surface formation: Recent.
2. The estimated tops of important geologic markers:

Salado	150'
Yates	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	60' - 150'
Oil	
Delaware	2500'
Bone Spring	4700'

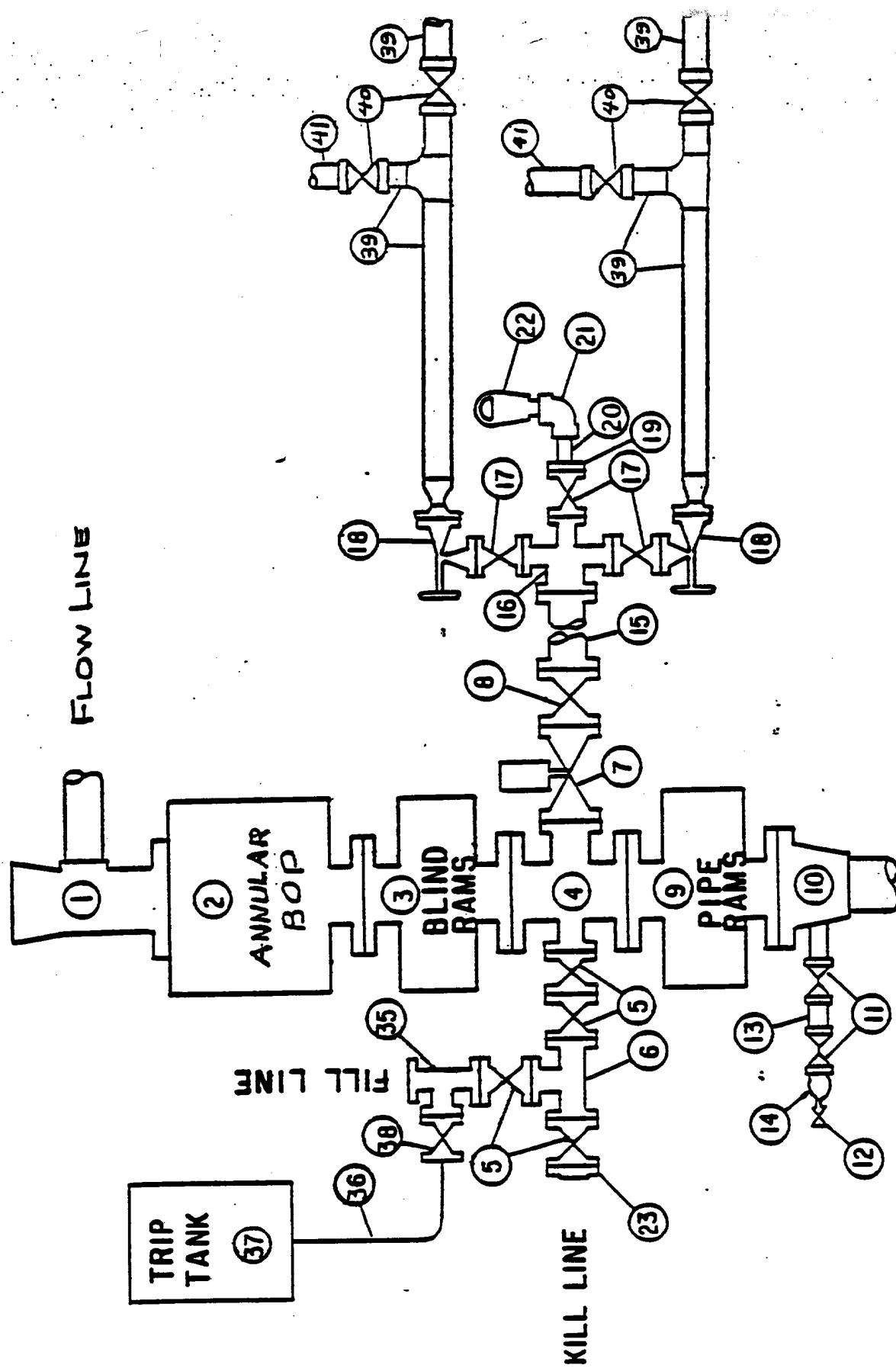
4. Proposed casing program:

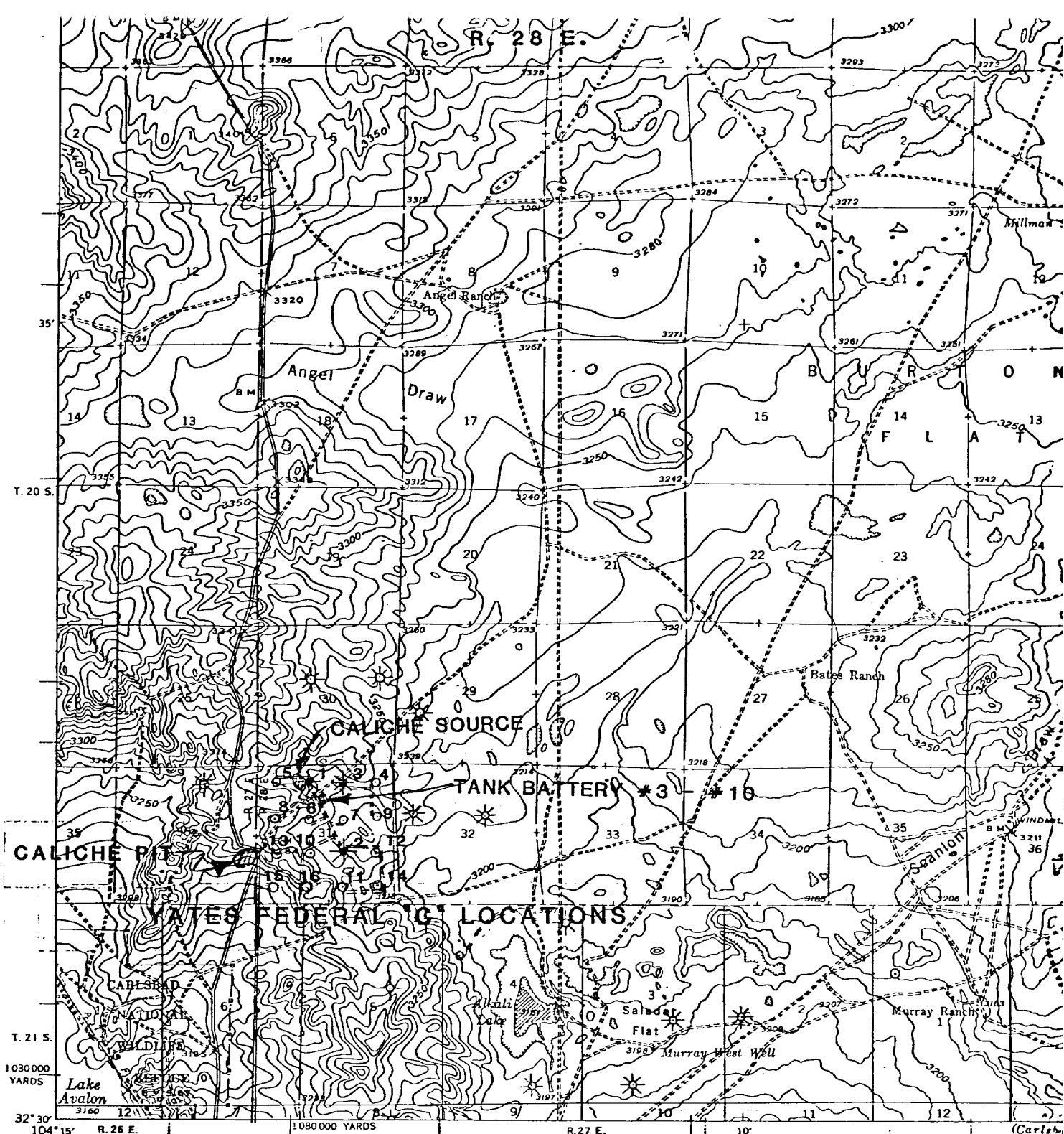
<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT/GRADE</u>	<u>CONDITION</u>	<u>DEPTH INTERVAL</u>
Conductor	13-3/8"	54.5#/K-55	New	0- 40'
Surface	8-5/8"	24#/K-55	New	0- 600'
Production	5-1/2"	14#/K-55	New	0-4700'
Tubing	2-7/8"	6.5#/J-55	New	0-4600'

5. Minimum specifications for pressure control equipment:

- A. Wellhead equipment - Threaded type, 2000 psi WP for 8-5/8" x 5-1/2" casing program with 2-7/8" tubing hanger.
- B. Blowout preventers - Refer to attached drawings and lists of equipment titled "Type II-C" for description of BOP stacks and choke manifold.
- C. BOP control unit - Unit will be hydraulically operated and have at least two control stations.

# MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C

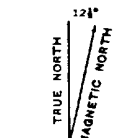




Topography by Max J. Gleissner, S. T. Penick,  
M. C. McClellan, and C. E. Walker  
Surveyed in 1935 and 1938

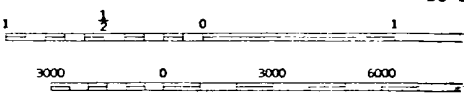
**ROAD CLASSIFICATION**

HARD-SURFACE ALL WEATHER ROADS      DRY WEATHER ROADS  
Heavy-duty ——— 4 LANE 16 LANE Improved dirt ———  
Medium-duty ——— 4 LANE 16 LANE Unimproved dirt ———  
Loose-surface, graded, or narrow hard-surface ———  
□ U. S. Route      ○ State Route



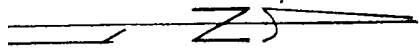
APPROXIMATE MEAN  
DECLINATION, 1938

**EXHIBIT "A"**

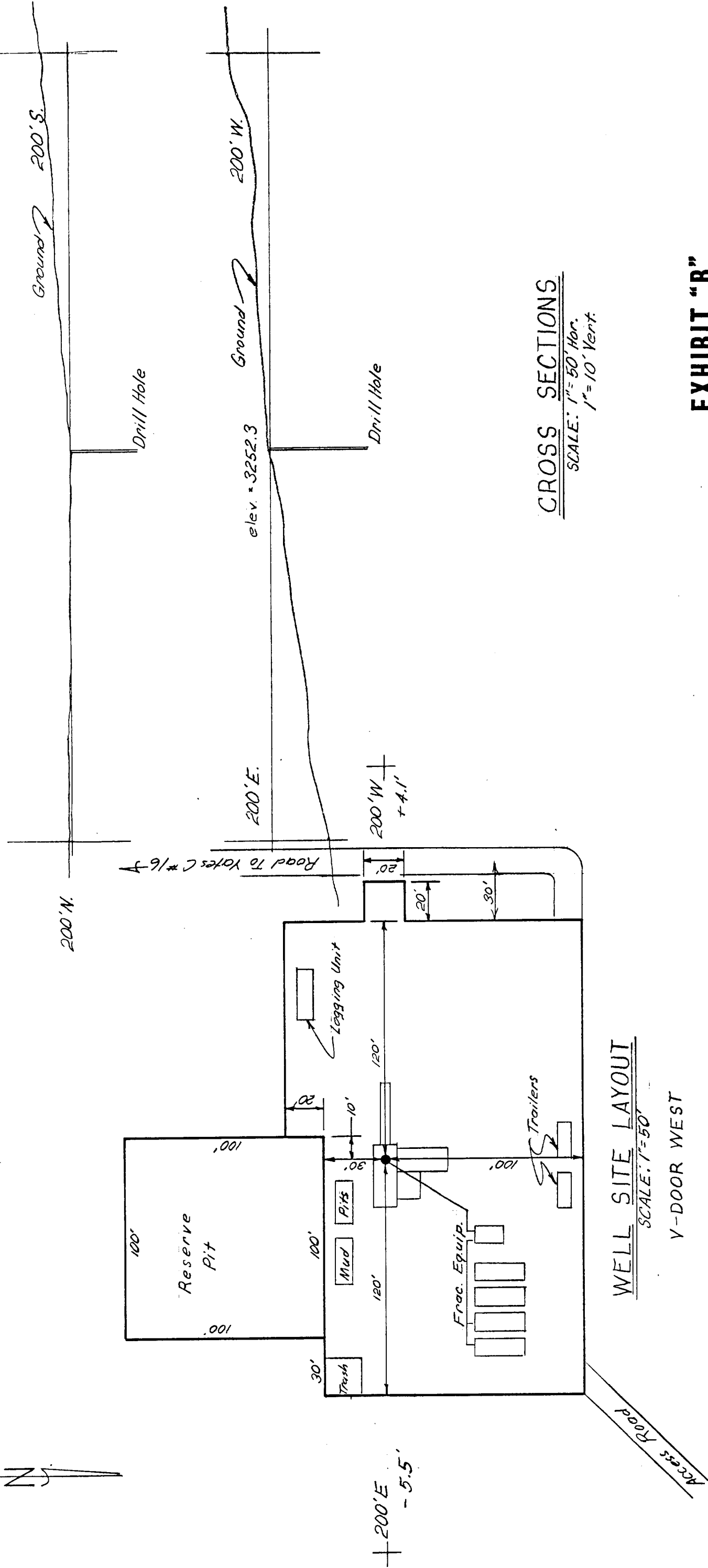


Contour  
Datum

**YATES FEDERAL 'C' #4 - #9**  
**SECTION 31 T. 20 S., R. 28 E.      EDDY COUNTY, NEW MEXICO**



+ 200'S.  
+ 2.9'



CROSS SECTIONS  
SCALE: 1" = 50' Hor.  
1" = 10' Vert.

WELL SITE LAYOUT  
SCALE: 1" = 50'

V-DOOR WEST

EXHIBIT "B"

+ 200'N  
+ 0.2'

YATES FEDERAL "C" #10 NE 1/4 SW 1/4 SECTION 31, T20S, R28E BURTON FLAT EDDY CO., NEW MEXICO		EXXON COMPANY, USA (a division of Exxon Corporation) PRODUCTION DEPARTMENT	DATE 12/2/82	JOB NO.	FILE NO.
DESIGNED C.S. Smith	DRAWN SECTION Civil	REVIEWED			