

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL & GAS COMMISSION
Artesia, NM 88210

30-015-24357

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 RECEIVED 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' FNL and 560' FEL of Section
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 7.4 miles North from Carlsbad

15. DISTANCE FROM PROPOSED* 560' lse. line
 LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 560' drlg line

18. DISTANCE FROM PROPOSED LOCATION*
 TO NEAREST WELL, DRILLING COMPLETED,
 OR APPLIED FOR, ON THIS LEASE, FT. 1320' to #4

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3240.2 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

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 C
 9. WELL NO.
 9
 10. FIELD AND POOL, OR WILDCAT
 Undesig. Burton Flat - Delaware
 11. SEC., T., R., M., OR BLK.
 AND SURVEY OR AREA
 Sec. 31-T20S-R28E
 12. COUNTY OR PARISH
 Eddy
 13. STATE
 New Mexico

NOV 19 1982

O.C.D. ARTESIA, OFFICE

W.H.

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. SIGNED Edgar Kunkel TITLE Unit Head DATE November 8, 1982

(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE

(ORIG. SGD.) DAVID R. GLASS

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL NOV 18 1982

For JAMES A. GILLHAM
 DISTRICT SUPERVISOR

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

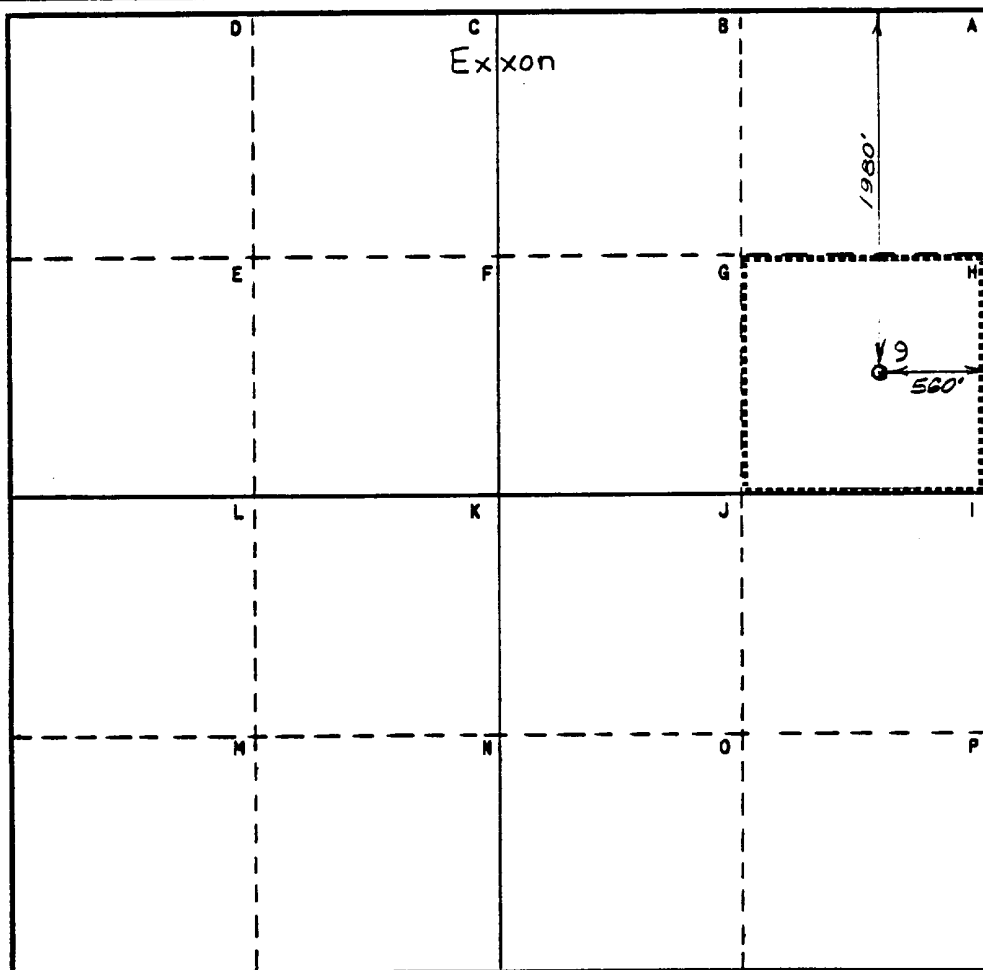
Operator Exxon Corporation		Lease Yates Federal "C"		Well No. 9
Unit Letter H	Section 31	Township 20 S	Range 28 E	County Eddy
Actual Footage Location of Well: 1980 feet from the North line and 560 feet from the East line				
Ground Level Elev. 3240.2	Producing Formation Delaware	Pool Undesia. Burton Flat	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
Melba Knippling

Position
UNIT HEAD

Company
Exxon Corporation
Box 1600 Midland, Texas

Date
11-2-52

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
10-30-82

Registered Professional Engineer and/or Land Surveyor
W. J. Liebman

Certificate No.
6157

7.4 Miles N of Carlsbad, New Mexico

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

YATES FEDERAL C #9
 1980' FNL and 660' FEL 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'

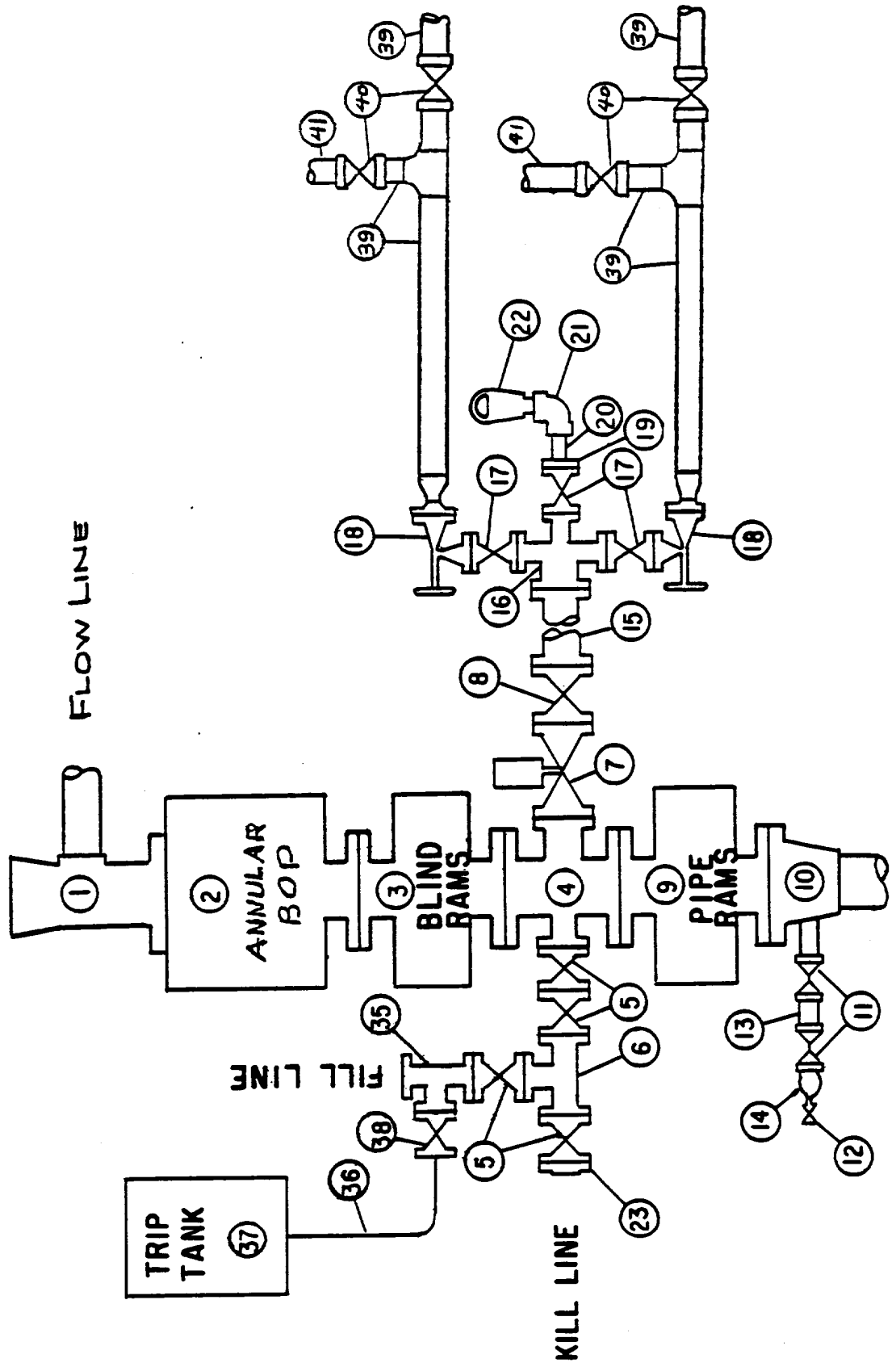
4. Proposed Casing Program

<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



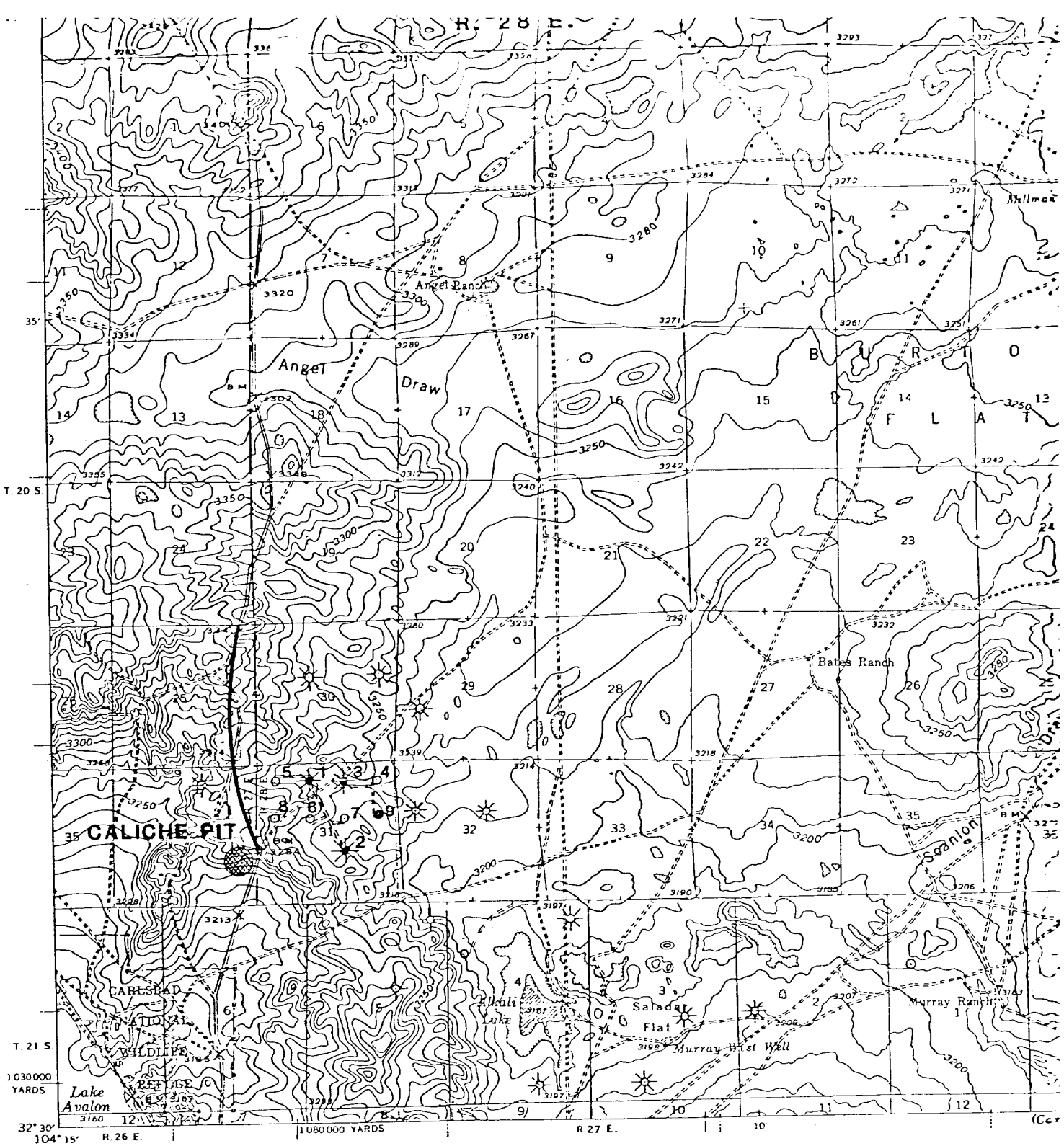
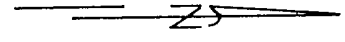
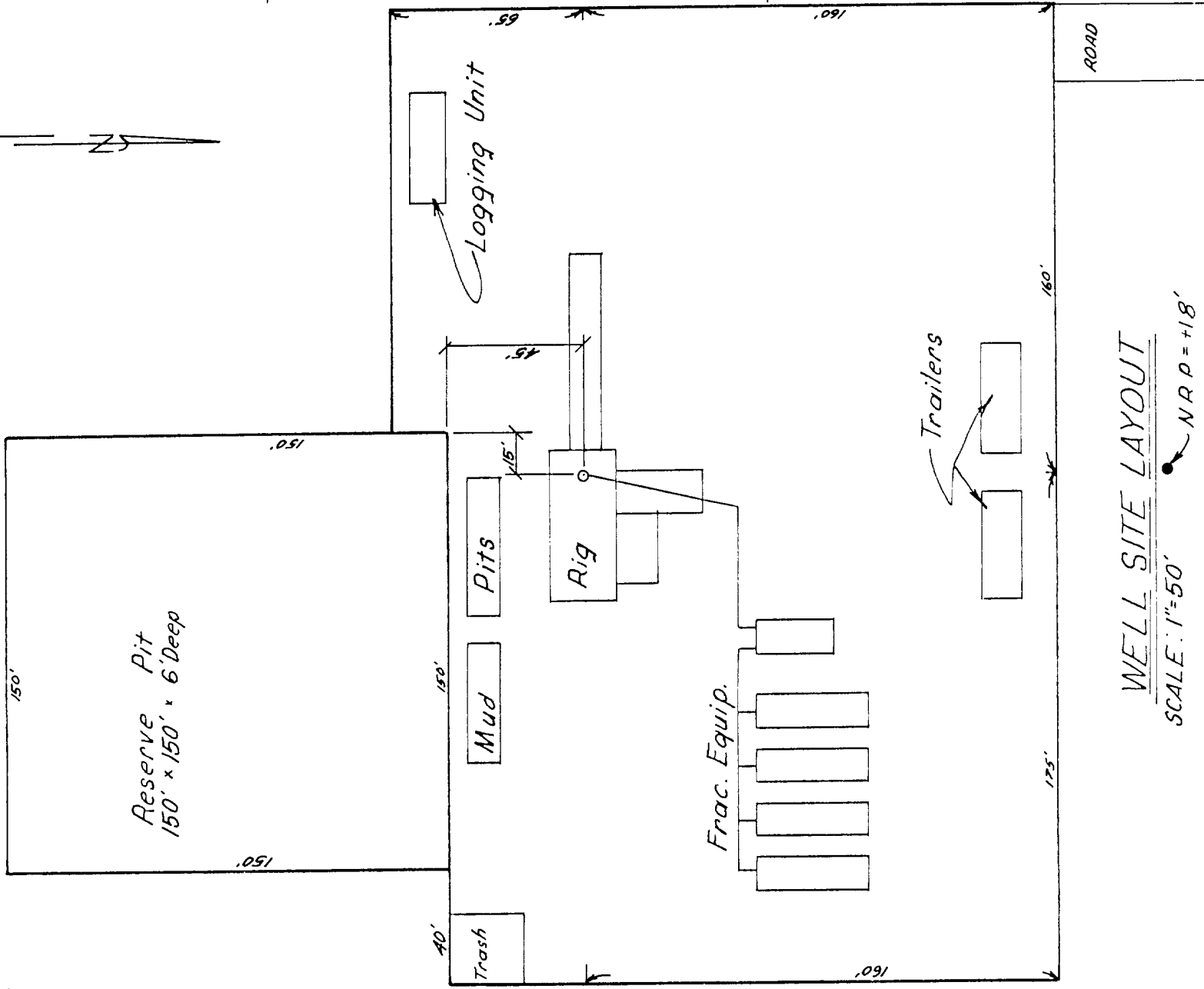


EXHIBIT "A"
YATES FEDERAL "C" #4 THRU # 9
SECTION #31 T-20-S R-28-E
EDDY CO. , NEW MEXICO



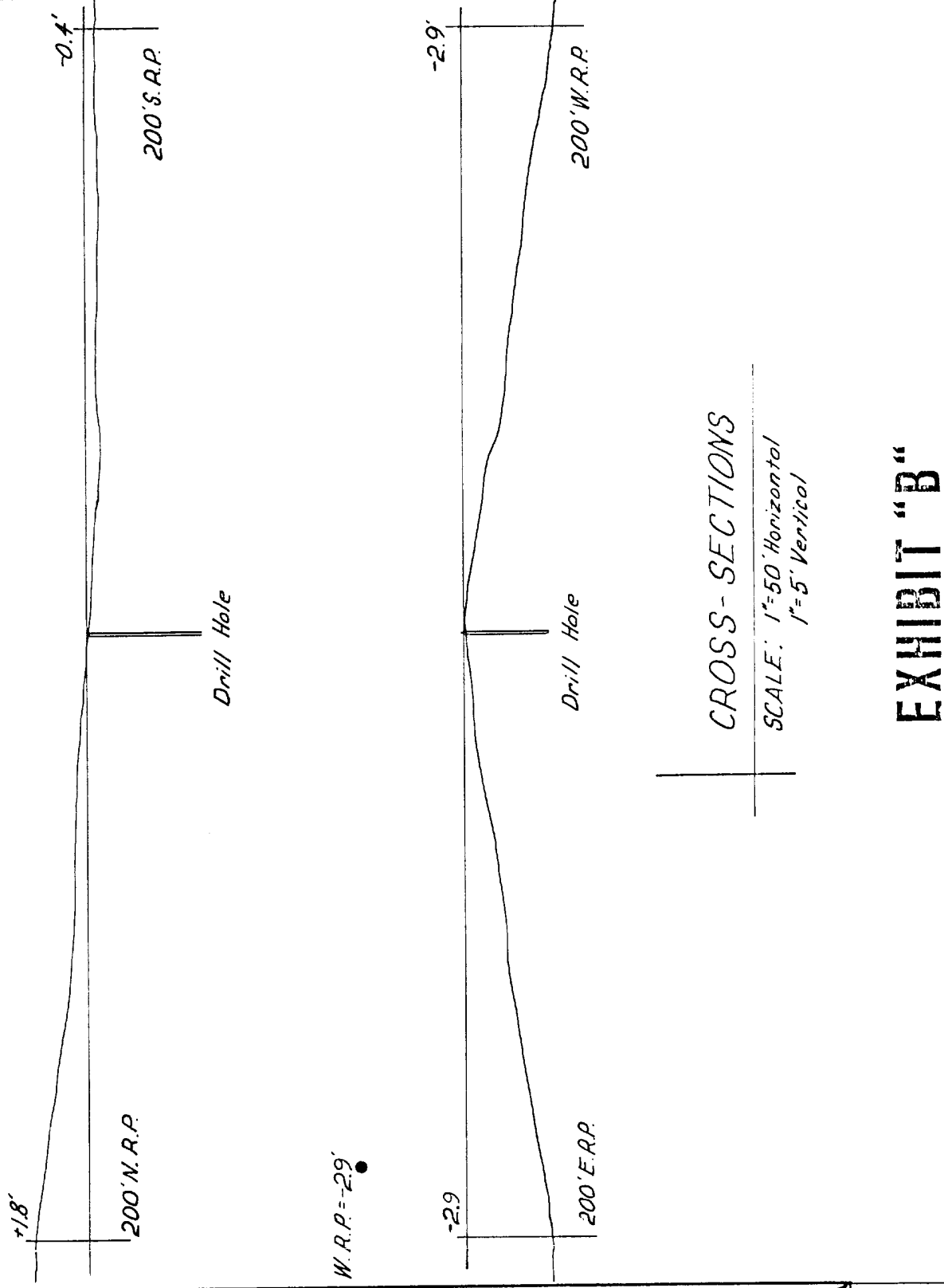
S.R.P. = -0.4'



WELL SITE LAYOUT

SCALE: 1"=50'

N.R.P. = +18'



CROSS-SECTIONS

SCALE: 1"=50' Horizontal
1"=5' Vertical

EXHIBIT "B"

YATES FEDERAL "C" #9

SECTION 31; T-20-S; R-28-E

EDDY CO., NEW MEXICO

EXXON COMPANY, U.S.A. (a division of Exxon Corporation)
PRODUCTION DEPARTMENT

DRAWN C.S. Smith

ENGR. SECTION Civi

REVISED

JOB NO.

DATE 11/3/82

FILE NO.