

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE

(Other instructions on reverse)

FORM APPROVED
Budget Bureau No. 42-B1425

NM OIL CONS. COMMISSION

30-015-24871

Drawer DD

Artesia, NM 88210

5. LEASE DESIGNATION AND SERIAL NO.

NM - 56738

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Groome Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat - *Dobsonville*
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

17-26S-30E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

1a. TYPE OF WORK

DRILL ☒

RECEIVED BY

DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, Texas 79702

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

At surface

1980' FNL and 1980' FEL of Sec. 17-26S-30E

At proposed prod. zone

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

16 miles SE of Malaga

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

660'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 1320' E to #2

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

3085' 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#	600'	800 sx CIRCULATE
12 1/4"	8 5/8"	24#	3500'	1000 sx
7 7/8"	5 1/2"	15.5#	7500'	1000 sx

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 R. Ruckel

TITLE

Unit Head

DATE

4-5-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Earl R. Cunningham

TITLE

AREA MANAGER
CARLSBAD REGION

DATE

5-9-84

CONDITIONS OF APPROVAL, IF ANY:

*Post-APL
AP-10 to 1/2 Bk
5-18-84*APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

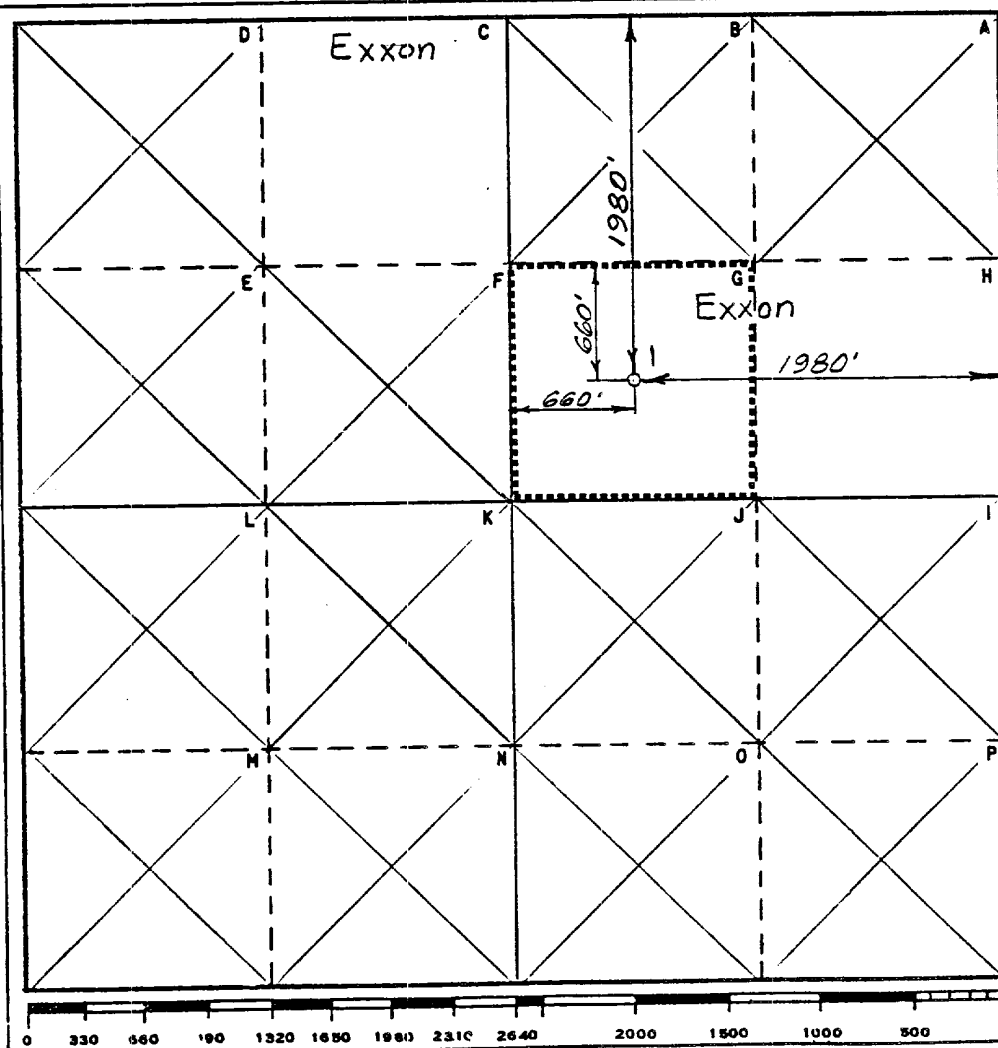
Operator Exxon Corporation		Lease Grooms Federal		Well No. 1	
Unit Letter G	Section 17	Township 26 S	Range 30 E	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the East line					
Ground Level Elev: 3085	Producing Formation Delaware	Pool Wildcat		Dedicated 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 4-5-84

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 3-12-84

Registered Professional Engineer and/or Land Surveyor

W. J. Richmond
Certificate No. **6157**

16 Miles SE of Malaga, New Mexico

C.E. Sec. File No. WA-8471

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 2000 psi WP or higher unless otherwise specified.

1. Ball nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

10 POINT PLAN
Grooms Federal No. 1
Section 17, T26S, R30E
Eddy County, New Mexico
March 29, 1984

1. The geologic name of the surface formation: Recent

2. The estimated tops of important geologic markers:

Delaware Mt. Grp. : 3500'
Bone Spring : 7000'

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

Deepest FW : 500'
Oil
Bone Spring : 7000'

4. Proposed casing program:

<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT/GRADE</u>	<u>CONDITION</u>	<u>DEPTH INTERVAL</u>
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	54.5#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-3500'
Production	5-1/2"	15.5#/K-55	New	0-7500'

5. Minimum specifications for pressure control equipment:

A. Wellhead equipment - Flanged type, 2000 psi WP for 13 3/8" x 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.

D. Testing - Upon installation, the Type II-C BOP's for the 13-3/8" surface casing and the 8-5/8" intermediate casing will be tested to a low pressure (200-300 psi) and to a high pressure of 2000 psi. Casing rams will be body tested in a 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 rams preventers will be closed on drill pipe and the blind rams will be closed while pipe is out of the hole.

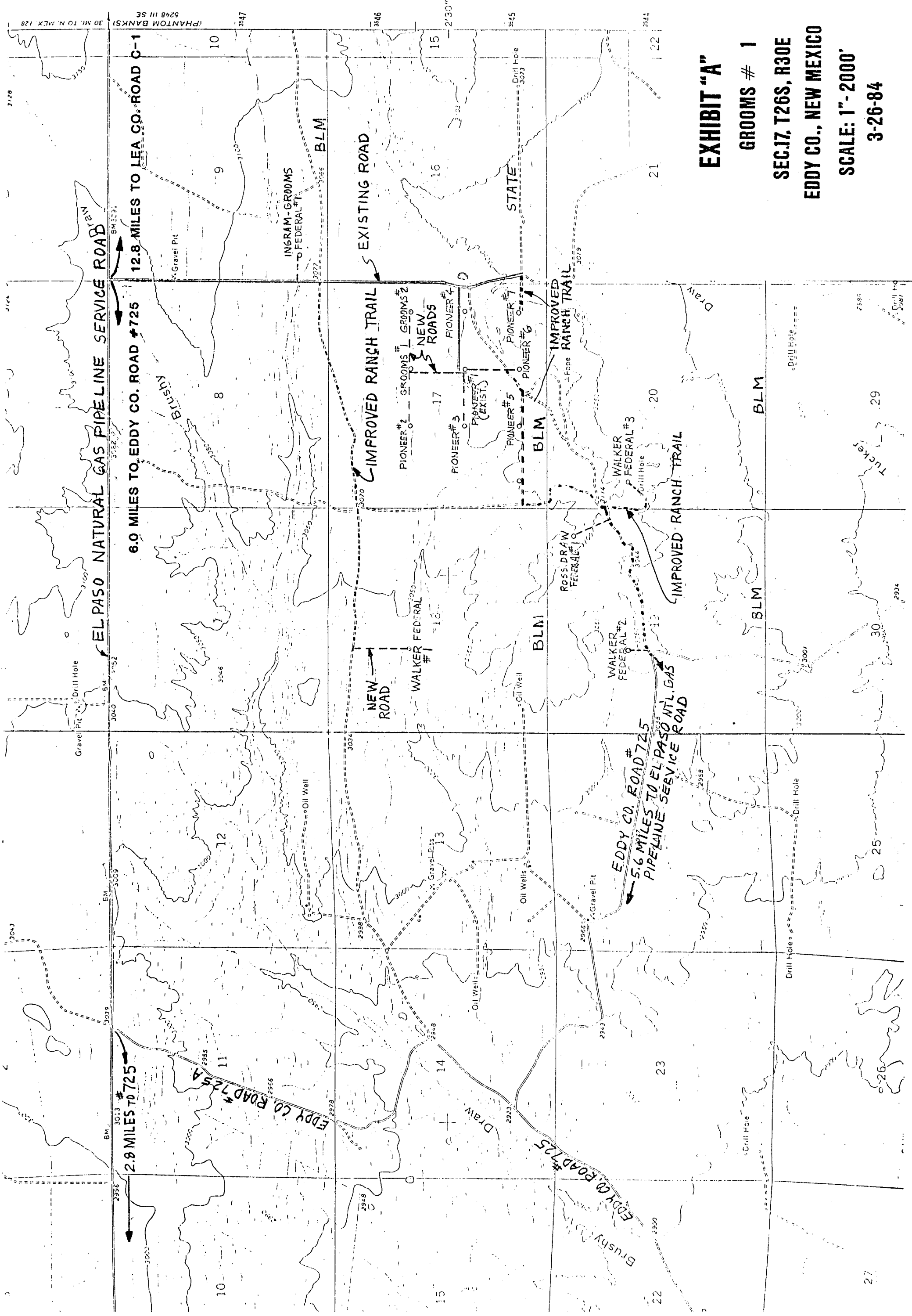


EXHIBIT "A"

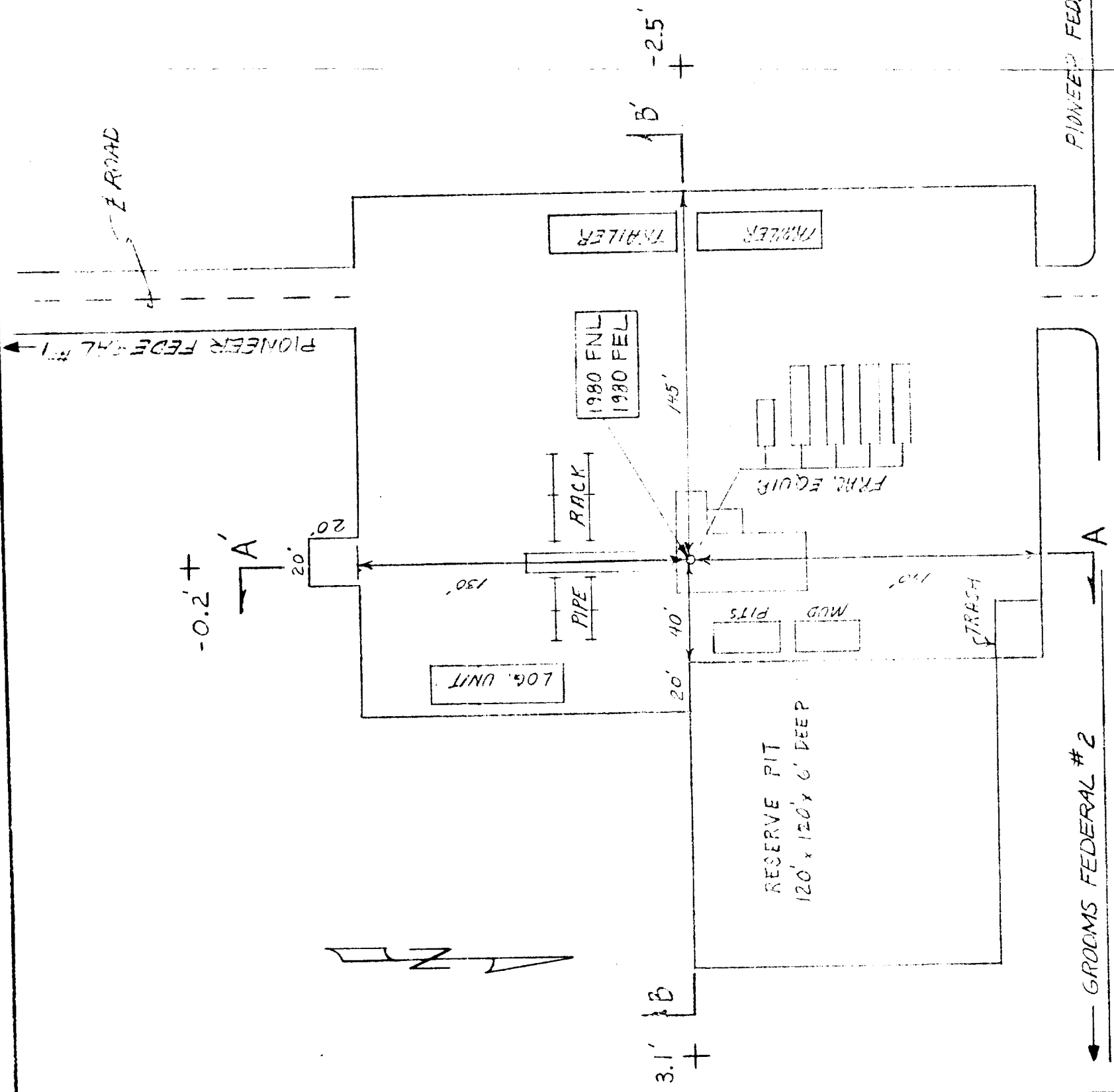
GROOMS # 1

SEC.17, T26S, R30E

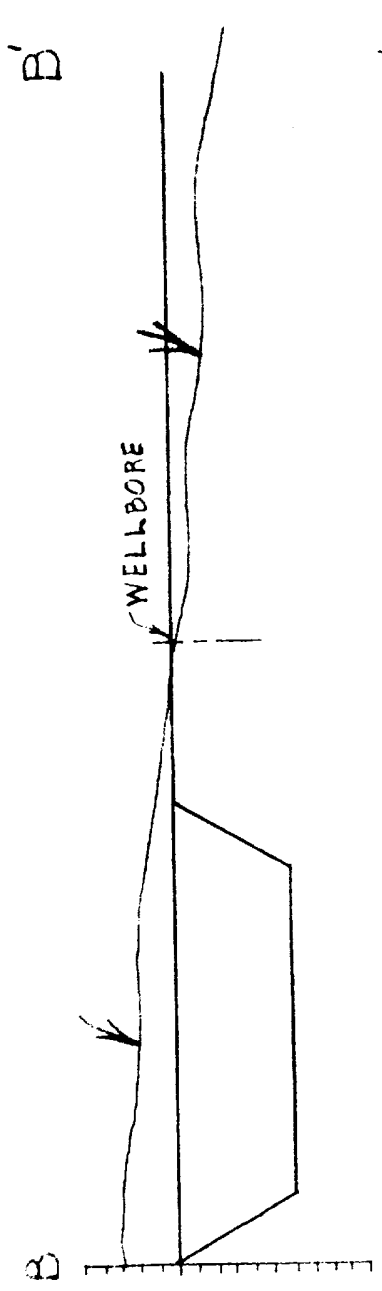
EDDY CO., NEW MEXICO

SCALE: 1"-2000'

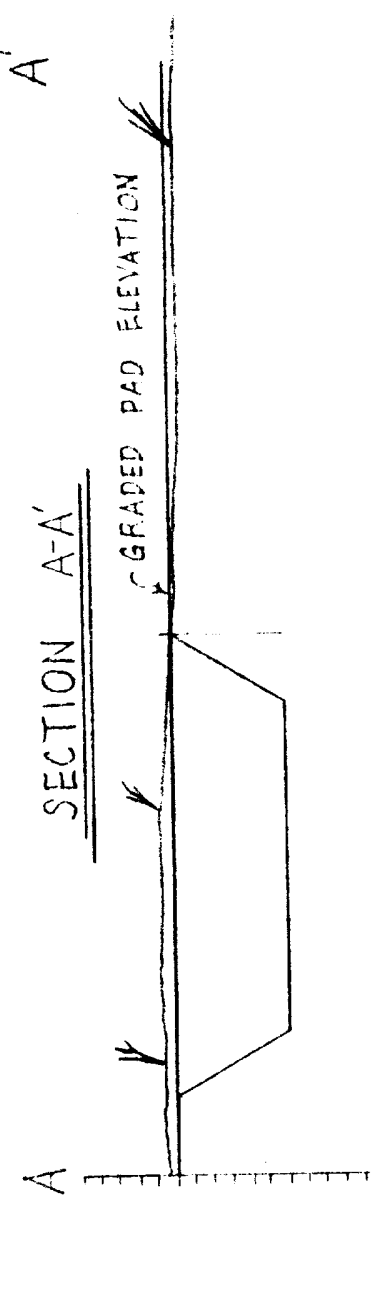
3-26-84



SECTION B-B'



SECTION A-A'



CROSS SECTIONS
SCALE: HORIZONTAL 1"=50'
VERTICAL 1"=10'

V-DOOR SOUTH

EXXON COMPANY, USA (a division of Exxon Corporation) PRODUCTION DEPARTMENT EXHIBIT "B"		DATE 3-20-84 SCALE 1/2"=50'	JOB NO. FILE NO.
GROOMS FEDERAL #1 SW 1/4 NE 1/4 SEC. 17, T26S, R30E ROSS DRAW FIELD		EDDY CO., NEW MEXICO ENGR. SECTION 1/2"=50' REVIS	DATE 3-20-84 SCALE 1/2"=50'
WELL SITE LAYOUT SCALE 1"=50'-0"		W-B-1918	

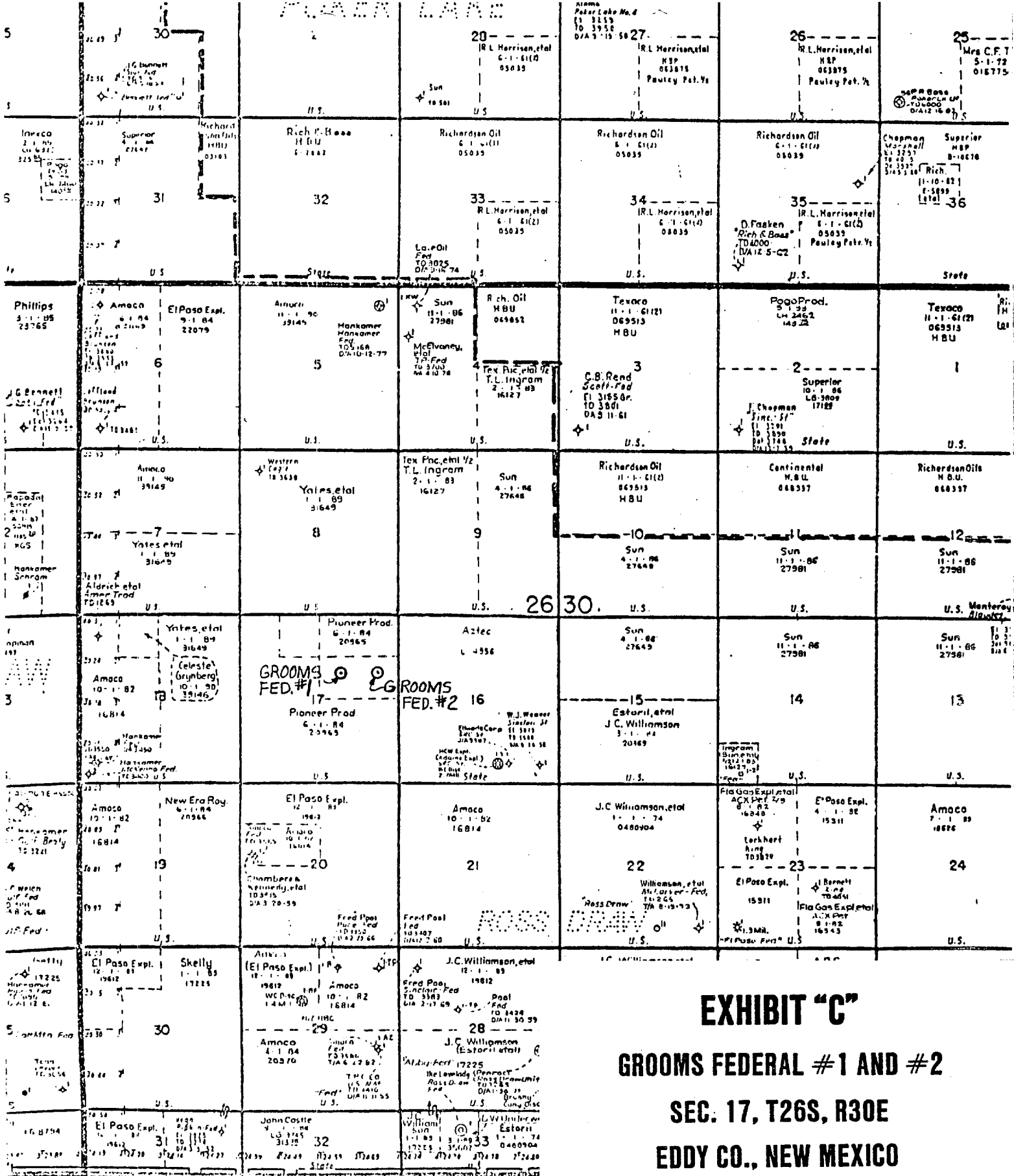


EXHIBIT "C"

GROOMS FEDERAL #1 AND #2

SEC. 17, T26S, R30E

EDDY CO., NEW MEXICO

Scale: 1" = 4000'

3-22-84