

(May 1983)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

(Other instructions on
NM OIL CONS. MISSION
Artesia, NM 88210
Lawer DD

Budget Bureau No. 42-R1425

30-015-24854

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

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

660' FSL and 560' FEL of Section

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 drig. unit line, if any)

560'

560'

16. NO. OF ACRES IN LEASE

520

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1324' N to #4

19. PROPOSED DEPTH

7500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3052' GR

22. APPROX. DATE WORK WILL START*

2nd Qtr. of 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

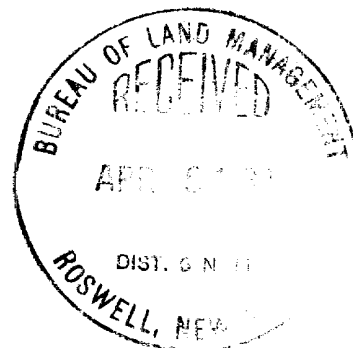
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	600'	800 SX CIRCULATE
12 1/4"	8 5/8"	24#	3500'	1000 SX
7 7/8"	5 1/2"	15.5#	7500'	1000 SX

RECEIVED BY

APR 24 1984

O. C. D.

ARTESIA, OFFICE



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 Runkel

TITLE

Unit Head

DATE

4-5-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

4-19-84

CONDITIONS OF APPROVAL, IF ANY:

Post. app
JD-1022 DL
4-27-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

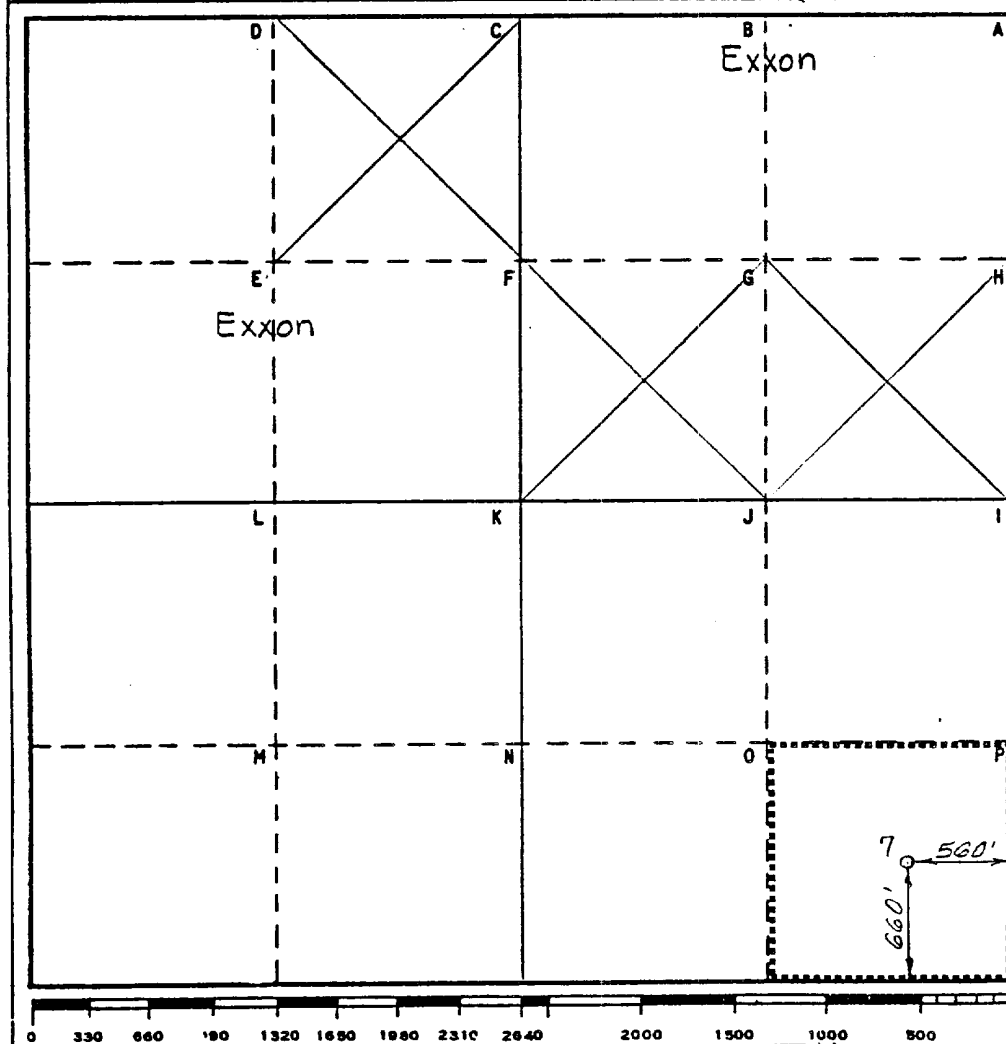
Operator Exxon Corporation		Lease Pioneer Federal		Well No. 7
Unit Letter P	Section 17	Township 26 S	Range 30 E	County Eddy
Actual Footage Location of Well: 660 feet from the South line and 560 feet from the East line				
Ground Level Elev. 3052	Producing Formation Delaware	Pool Wildcat	Dedicated Acreage: 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

Certificate No. **6157**

16 Miles **SE** of **Malaga**, New Mexico

C.E. Sec. File No. **WA-8206-F**

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II

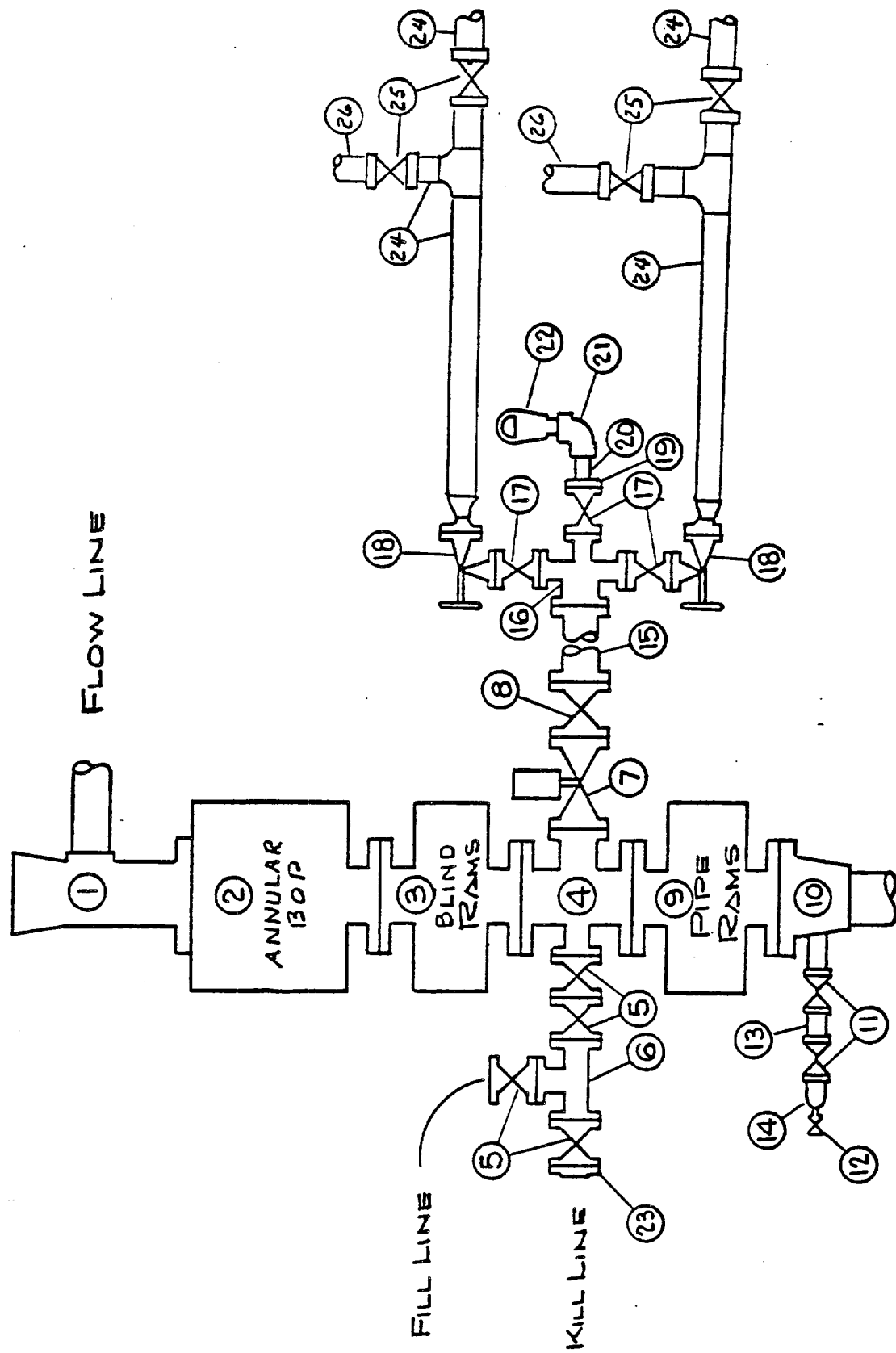
All equipment should be at least 2,000 psi WP or higher unless otherwise specified.

1. Bell 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.
24. 2-1/2-inch pipe, 300' to pit, anchored.
25. 2-1/2-inch SE gate valve.
26. 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 acceptable for 5000 psi WP and higher.
6. Type E ram type BOP's with factory modified side outlets may be used on 3000 psi WP or lower BOP stacks.

BLOWOUT PREVENTER SPECIFICATION TYPE II



10 POINT PLAN
Pioneer Federal No. 7
Section 17, T26S, R30E
Eddy County, New Mexico
April 2, 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.

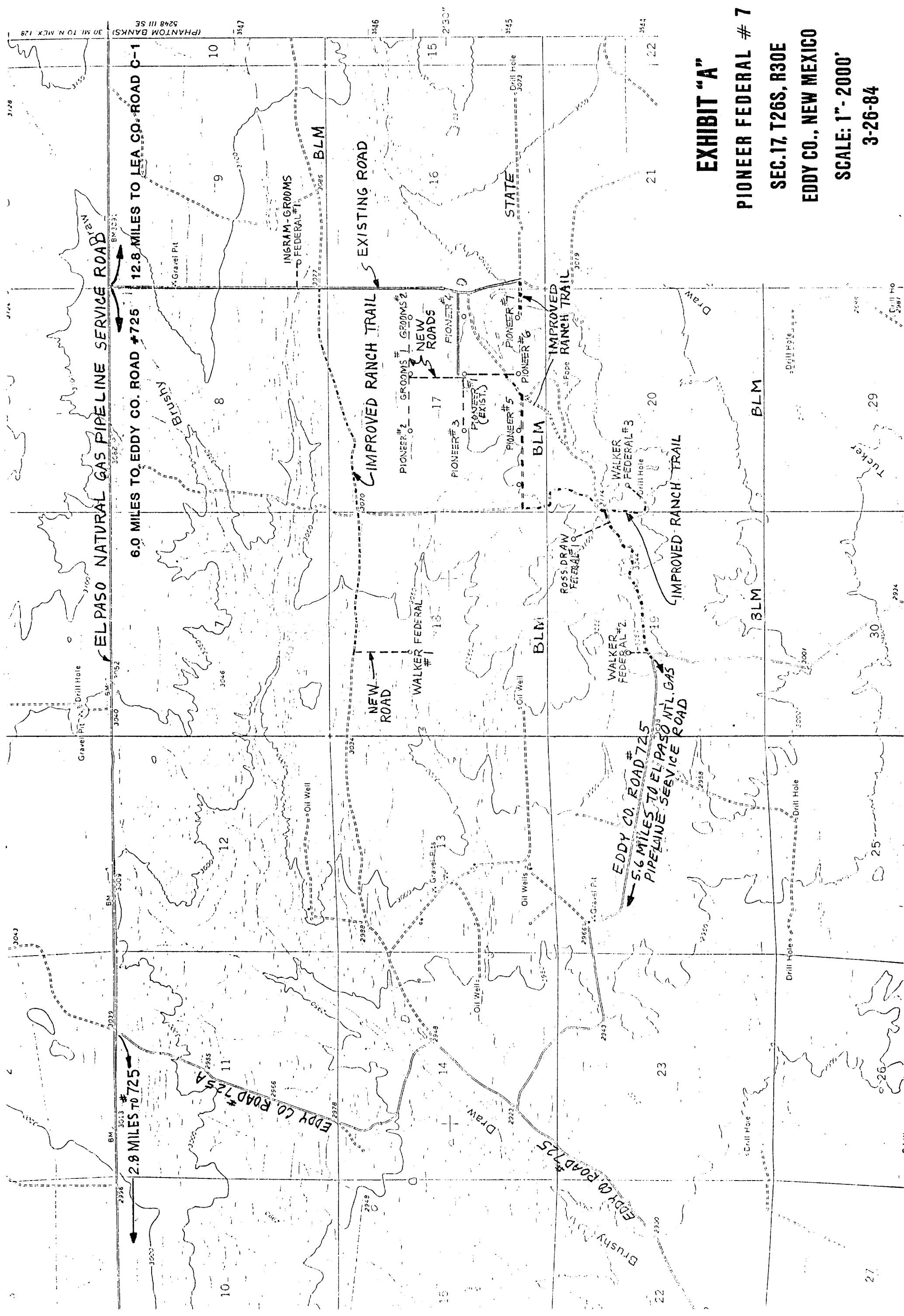


EXHIBIT "A"

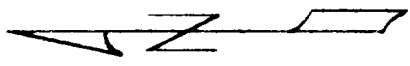
PIONEER FEDERAL # 7

SEC.17, T26S, R30E

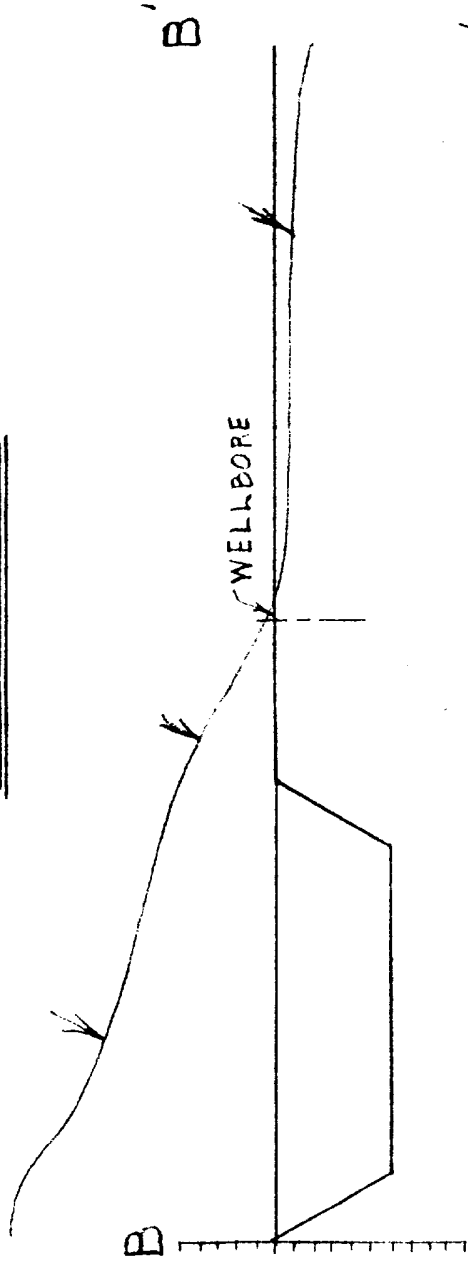
EDDY CO., NEW MEXICO

SCALE: 1"-2000'

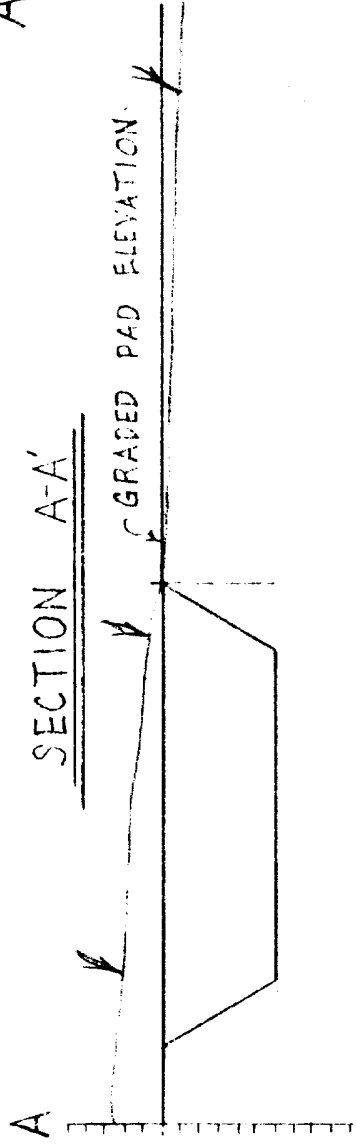
3-26-84



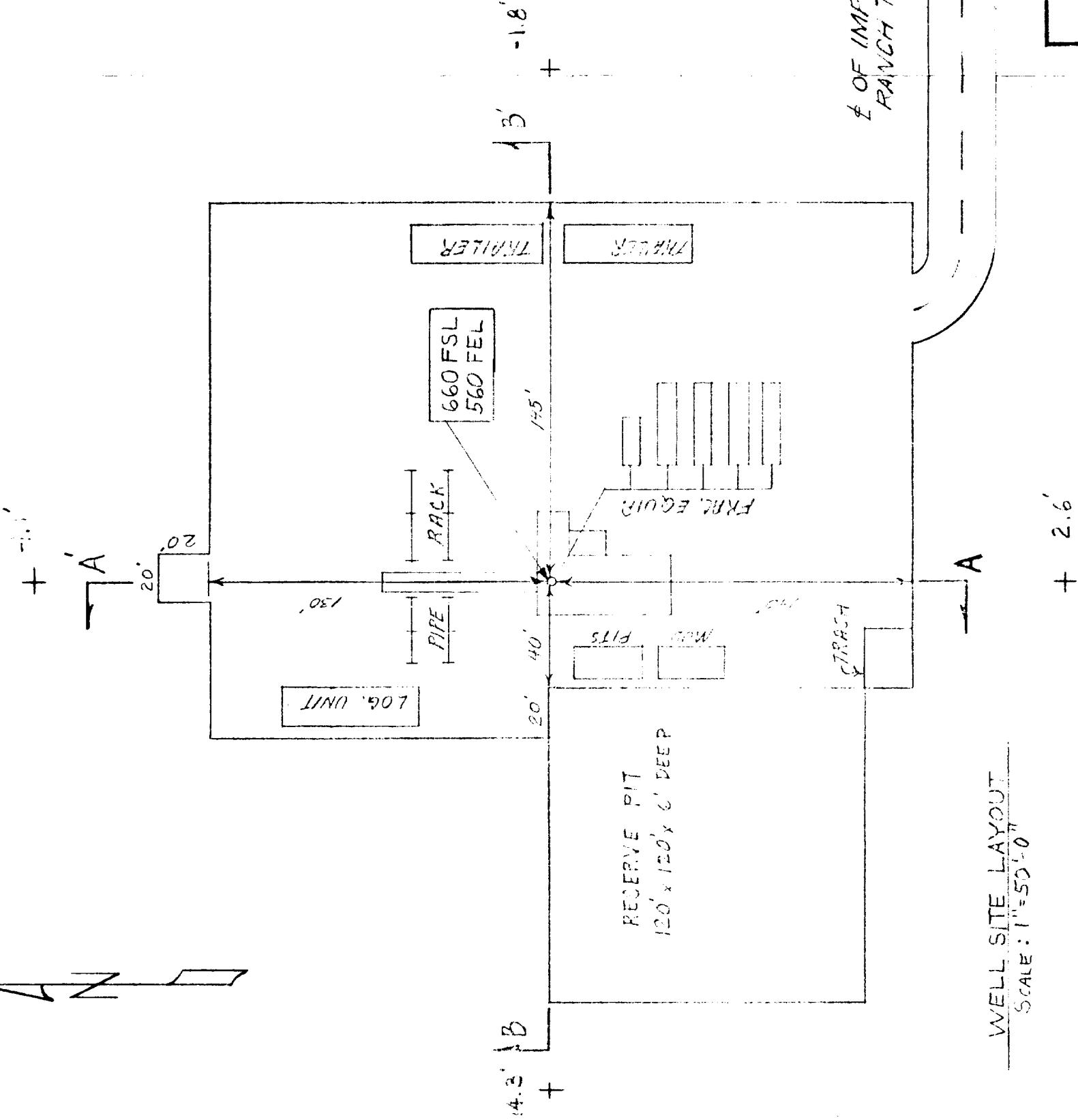
SECTION B-B'



SECTION A-A'



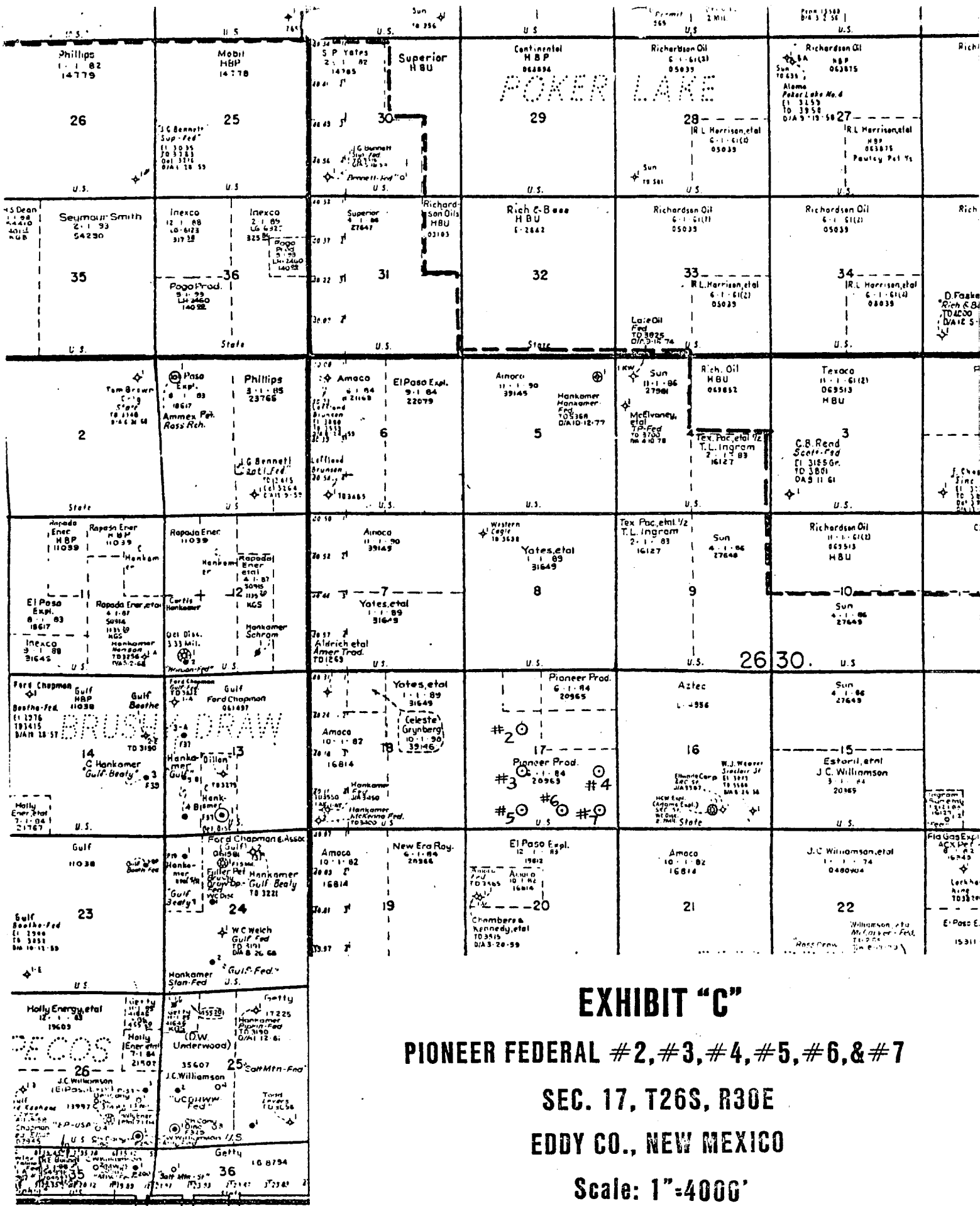
CROSS SECTIONS
SCALE: HORIZONTAL 1"=50'
VERTICAL 1"=10'



WELL SITE LAYOUT
SCALE: 1"=50'0"

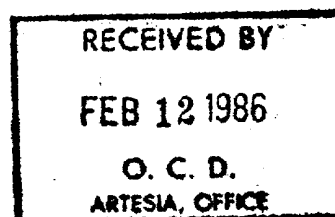
V-Door North

PIONEER FEDERAL #7			EXXON COMPANY, USA (a division of Exxon Corporation)		
SE 1/4 SE 1/4 SEC. 17, T26S, R30E			PRODUCTION DEPARTMENT		
ROSS DRAW FIELD			EXHIBIT "B"		
EDDY CO., NEW MEXICO			FILE NO.		
DRAWN <i>H. Rises</i>			JOB NO.		W-B-1915
ENGR. SECTION <i>H. Rises</i>			DATE 2-20-84		
APPROVED			SCALE 1"=50'		
CHECKED					



February 7, 1986

Exxon Corporation
P. O. Box 1600
Midland, TX 79702



Gentlemen:

Your application for Permit to Drill, Deepen, or Plug Back (APD) for Well Pioneer Federal No. 7, Lease No. NM-20966, 660 FSL and 660 FBL, Sec. 17, T26S, R30E, has been cancelled. The APD is considered expired if drilling activity has not commenced within one year after approval. Should you desire to drill this well at a later date, you will be required to resubmit the proper forms for approval.

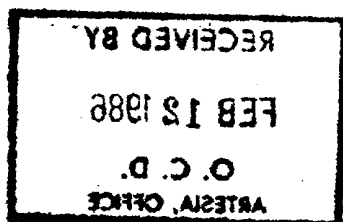
Sincerely,

A handwritten signature in cursive script, appearing to read "Charles S. Dahlen".

Charles S. Dahlen
Area Manager

cc: RDU
NMSU (Micrographics)
NMOCD (Artesia)

067:GWQueen:cq:2/7/86



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

415F

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED BY

NOV 18 1985

ARIZONA

5. LEASE DESIGNATION AND SERIAL NO.

NM-20965

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pioneer Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Wildcat - Del Norte

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

17-26S-30E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

14. PERMIT NO.

30-015-24854

15. ELEVATIONS (Show whether DF, ET, GR, etc.)

3052' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

Cancel Permit

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well will not be drilled.

Post FD-2
11-22-85
Exp. Int.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Unit Head

DATE 11-11-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

30-015-24854

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Operator Exxon Corporation			Lease Pioneer Federal		Well No. 7
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Name Edgar Runkel
Position UNIT HEAD

Company Exxon Corporation
Box 1600 Midland, Texas

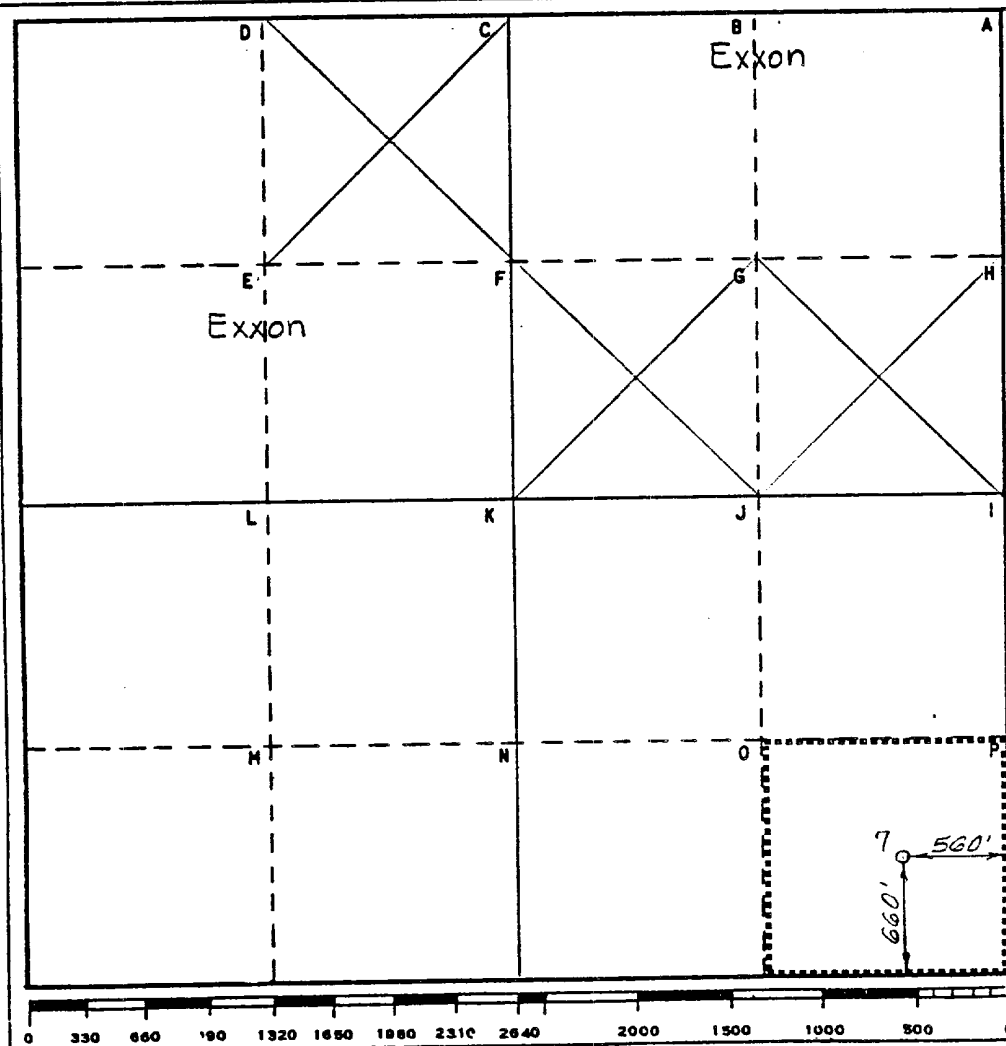
Date 4-5-84

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Date Surveyed 3-12-84

Registered Professional Engineer and/or Land Surveyor

W. J. Schumard
Certificate No. 6157



16 Miles SE of Malaga, New Mexico

C.E. Sec. File No. WA-8206-F

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II

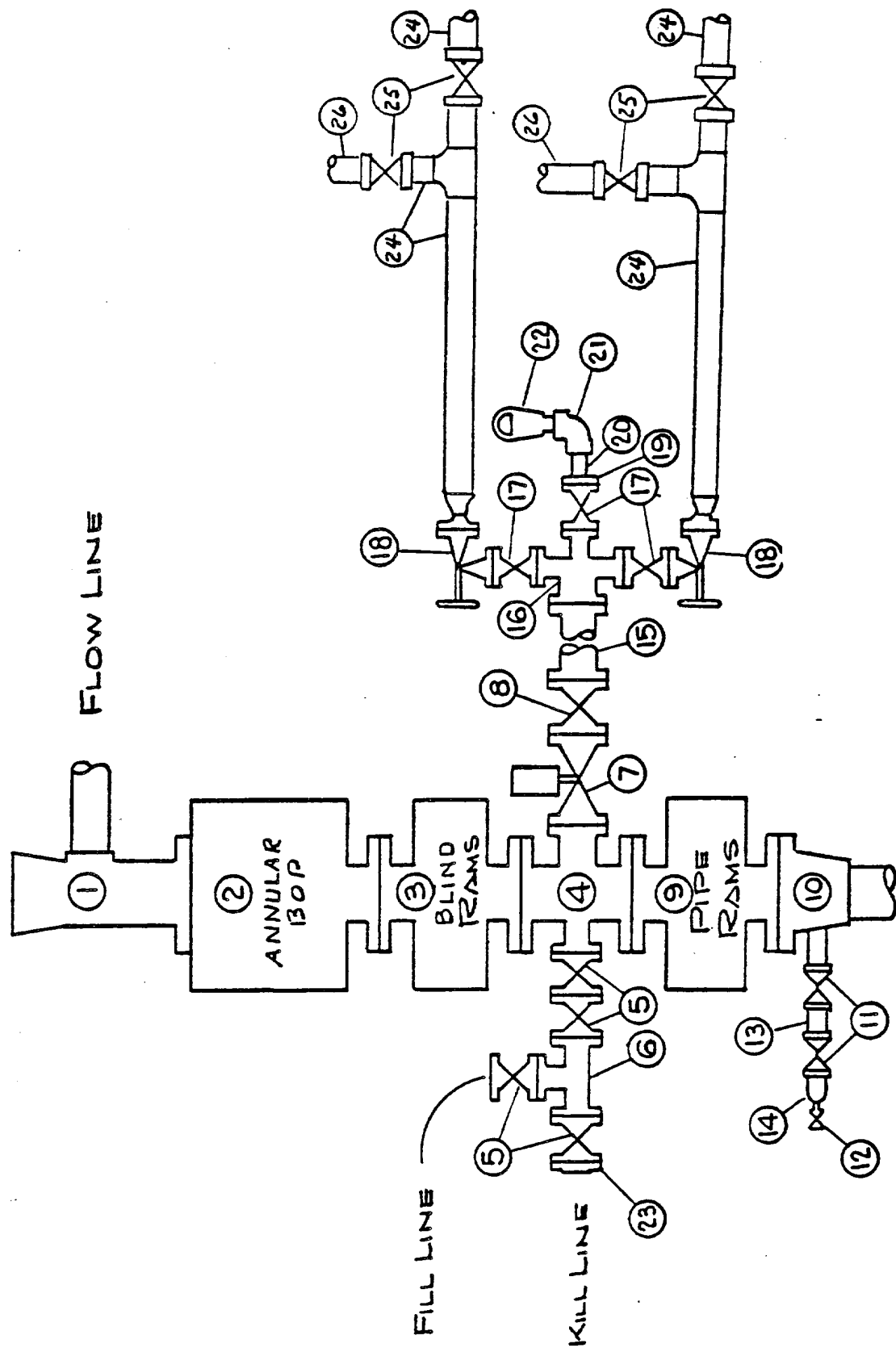
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BLOWOUT PREVENTER SPECIFICATION TYPE II



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April 2, 1984

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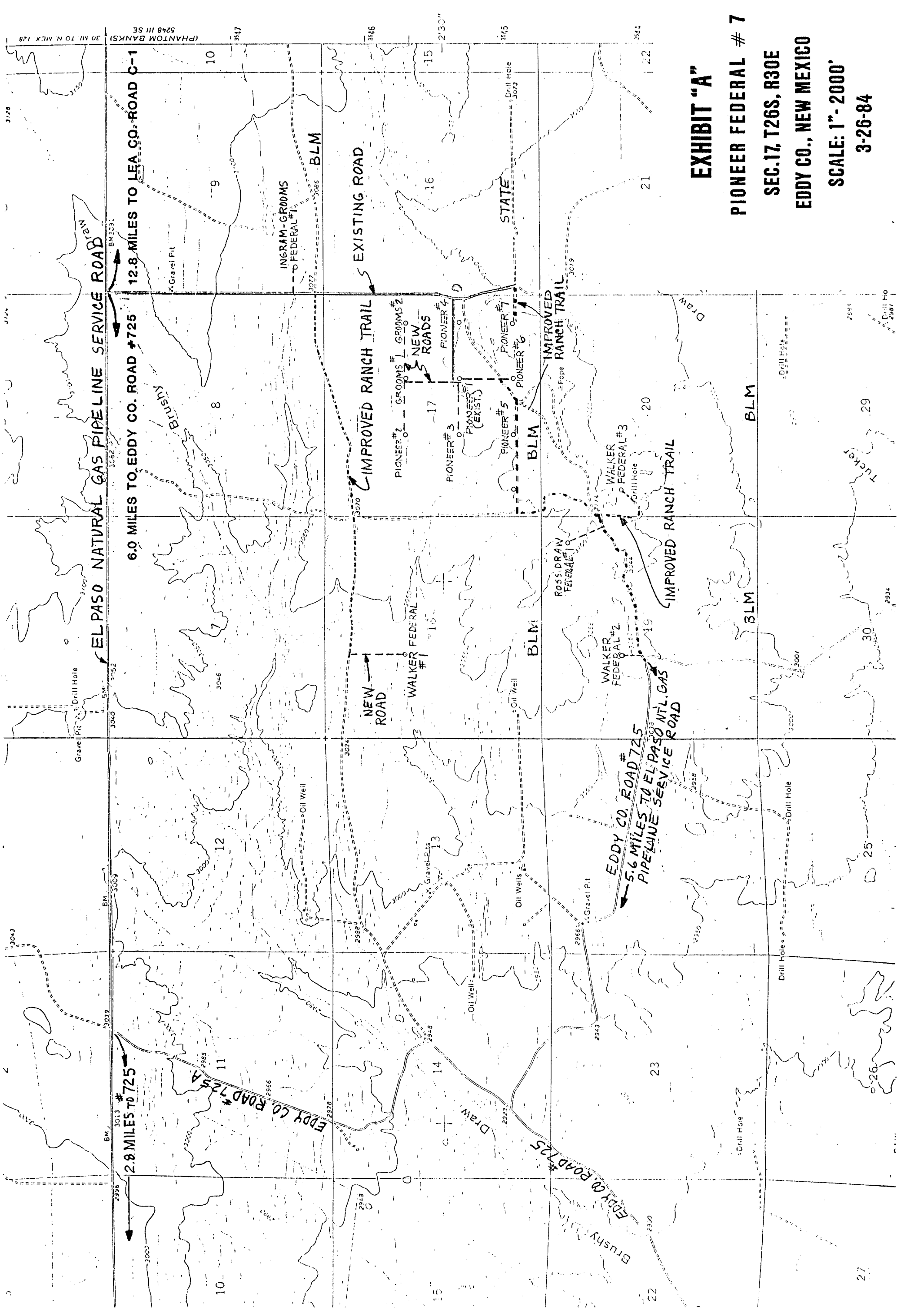


EXHIBIT "A"

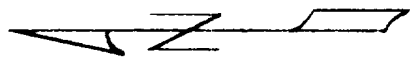
PIONEER FEDERAL # 7

SEC.17, T26S, R30E

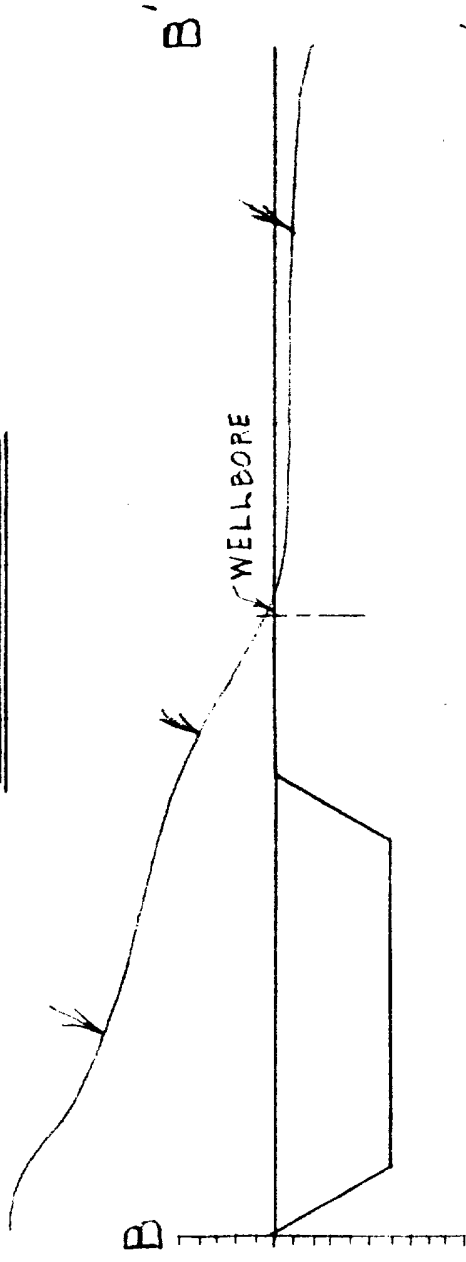
EDDY CO., NEW MEXICO

SCALE: 1" = 2000'

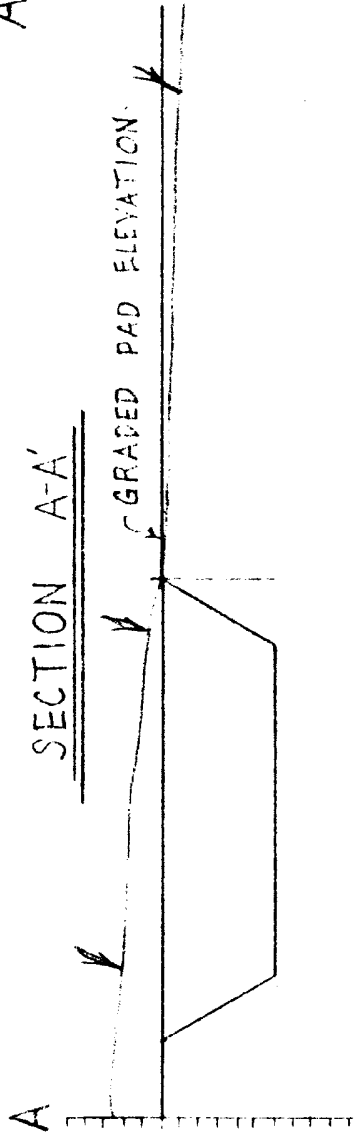
3-26-84



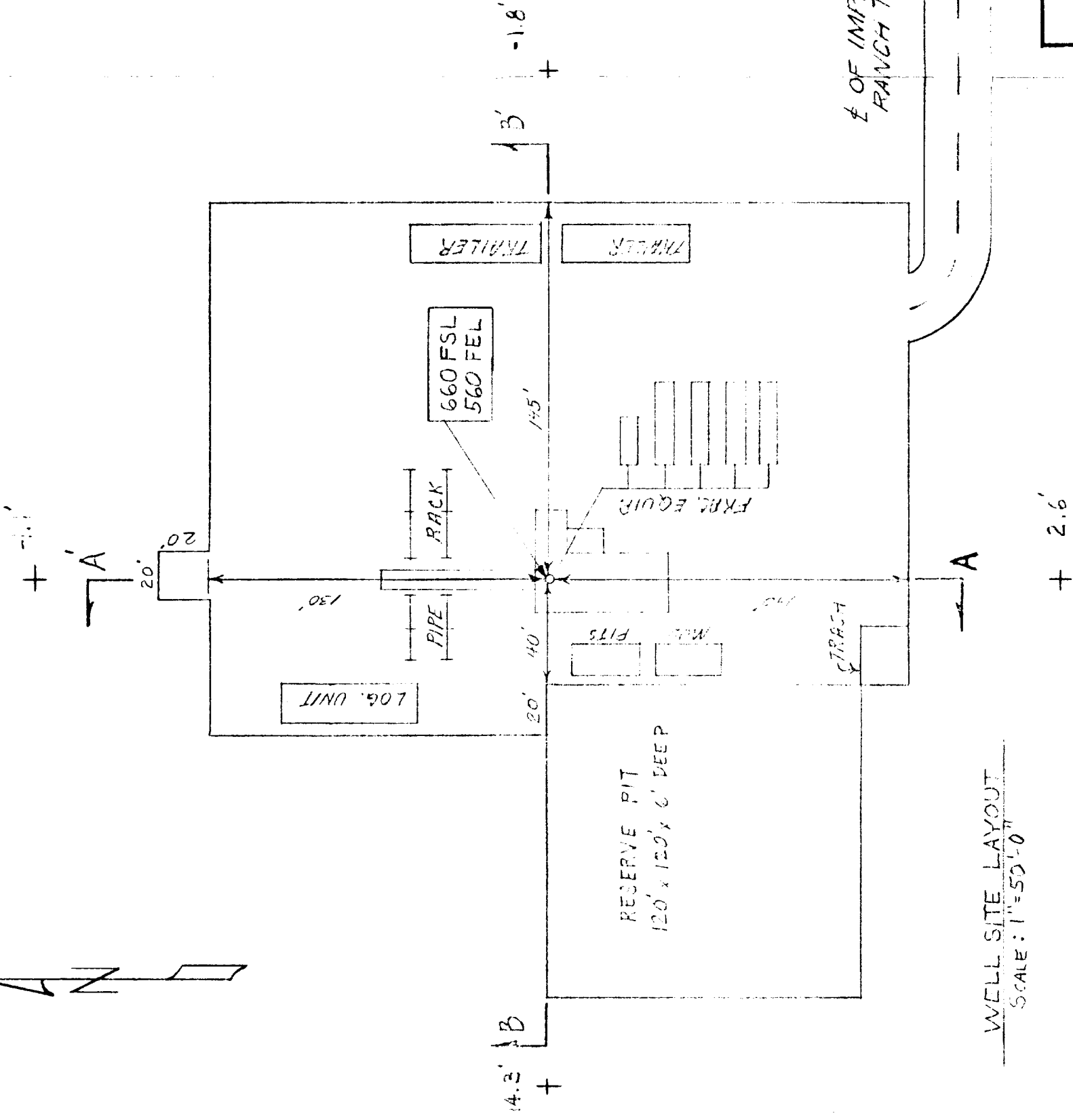
SECTION B-B'



SECTION A-A'



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



WELL SITE LAYOUT
SCALE: 1"=50'-0"

V-Door North

EXXON COMPANY, USA (a division of Exxon Corporation)		PRODUCTION DEPARTMENT		EXHIBIT "B"		FILE NO.
ROSS DRAW FIELD		PIONEER FEDERAL #7		SE 1/4 SE 1/4 SEC. 17, T26S, R30E		JOB NO.
DRAWN <i>H. Kiser</i>		EDDY CO., NEW MEXICO		DATE 3-20-84		SCALE 1/2"=1'
CHECKED		ENGR. SECTION <i>H. Kiser</i>		REVISED		W-B-1915
		APPROVED				

