C/87

NM Oil CONS. COMMISSION
Drawer DD
Artesia, NM 88210

RECEIVED
MAR 27 1984
O. C. D.
ARTESIA, OFFICE

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-015-24814

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-55124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: --

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [XX] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Burton Flat "C" Federal

2. NAME OF OPERATOR: Exxon Corporation

9. WELL NO.: 4

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

10. FIELD AND POOL, OR WILDCAT: Undesig-Bone Springs

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1980' FSL and 1980' FEL of Sec.
At proposed prod. zone

Unit J

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 35-20S-28E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 8.8 miles N. of Carlsbad

12. COUNTY OR PARISH: Eddy

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660' / 660'

16. NO. OF ACRES IN LEASE: 240

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1320' N to #2

19. PROPOSED DEPTH: 6100'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3206' GR

22. APPROX. DATE WORK WILL START*: 2nd quarter 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94	40	25 sx Redimix - TOC Surface
~~17 1/2"~~	~~13 3/8"~~	~~48~~	~~600~~	~~350 sx - TOC Surface~~
11"	8 5/8"	24	2500	660 sx - TOC Surface
7 7/8"	5 1/2"	14, 15.5 and 17	6100	700 sx - TOC into int. csg.

BUREAU OF LAND MANAGEMENT
RECEIVED
MAR 14 1984
DIST. 6 N. M.
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 Nelba Kripling TITLE Unit Head DATE 3-13-84

(This space for Federal or State office use)

PERMIT NO. ____________ APPROVAL DATE ____________

APPROVED BY Orig. Sgd. Earl R. Cunningham TITLE District Manager DATE MAR 26 1984

CONDITIONS OF APPROVAL, IF ANY:

Post ID-1
NL-API
3-30-84

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Exxon Lse. No. _____ NEW MEXICO OIL CONSERVATION COMMISSION

State Lse. No. _____ WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. _____

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Exxon Corporation	BURTON FLAT FED. "C"	4

Unit Letter	Section	Township	Range	County
J	35	20S	28E	EDDY

Actual Footage Location of Well: ~~660~~ 1980 feet from the ~~NORTH~~ South line and ~~660~~ 1980 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3206'	BONE SPRINGS	UNDES. - BONE SPRINGS	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

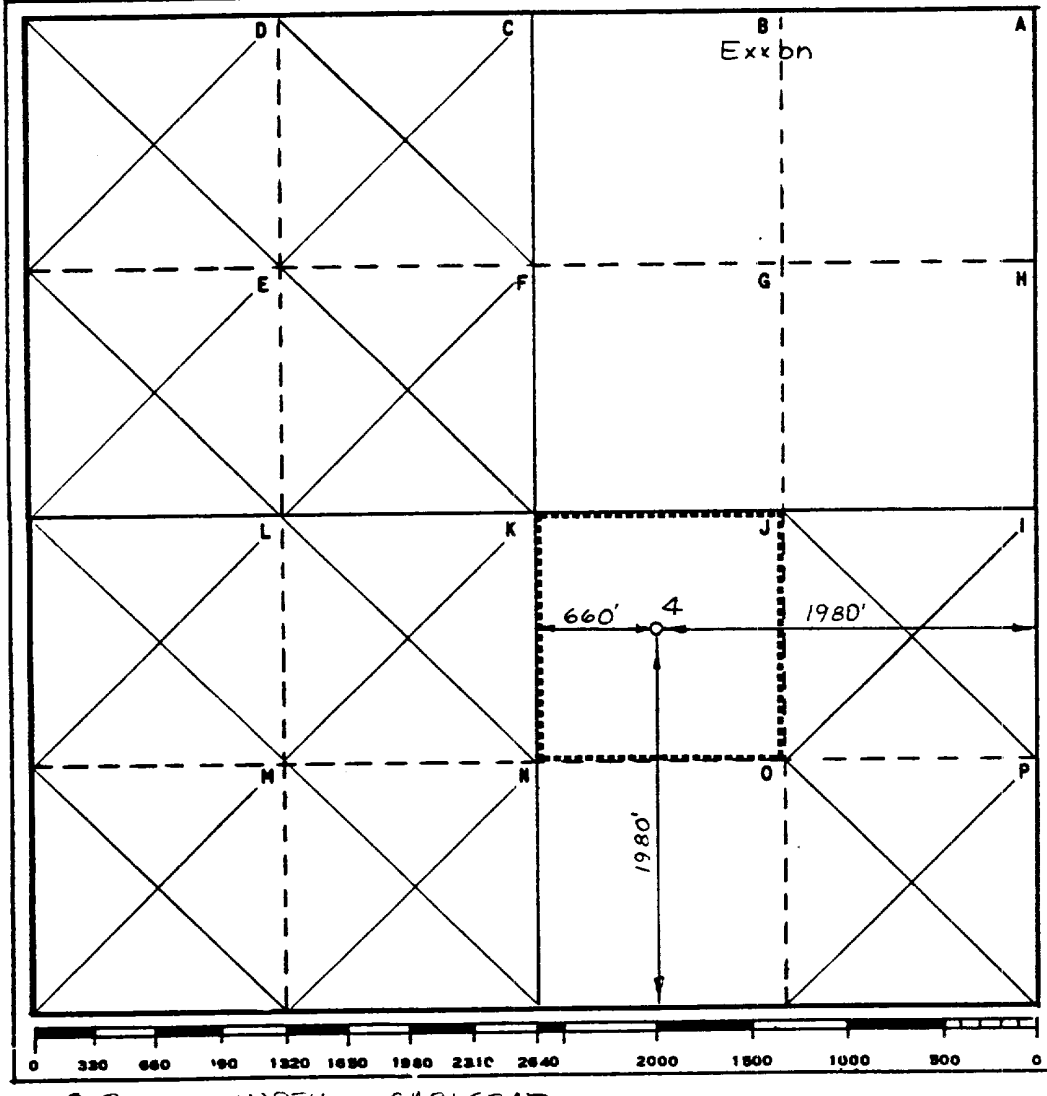
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 Knipling

Position: UNIT HEAD

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 3-12-84

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.

NEW MEXICO 6157 REGISTERED LAND SURVEYOR

Date Surveyed: 2-15-84

Registered Professional Engineer and/or Land Surveyor

W. J. Richmond

Certificate No. 6157

8.8 Miles NORTH of CARLSBAD, New Mexico

C.E. Sec. File No. A-8138-C

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 2000 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.

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.

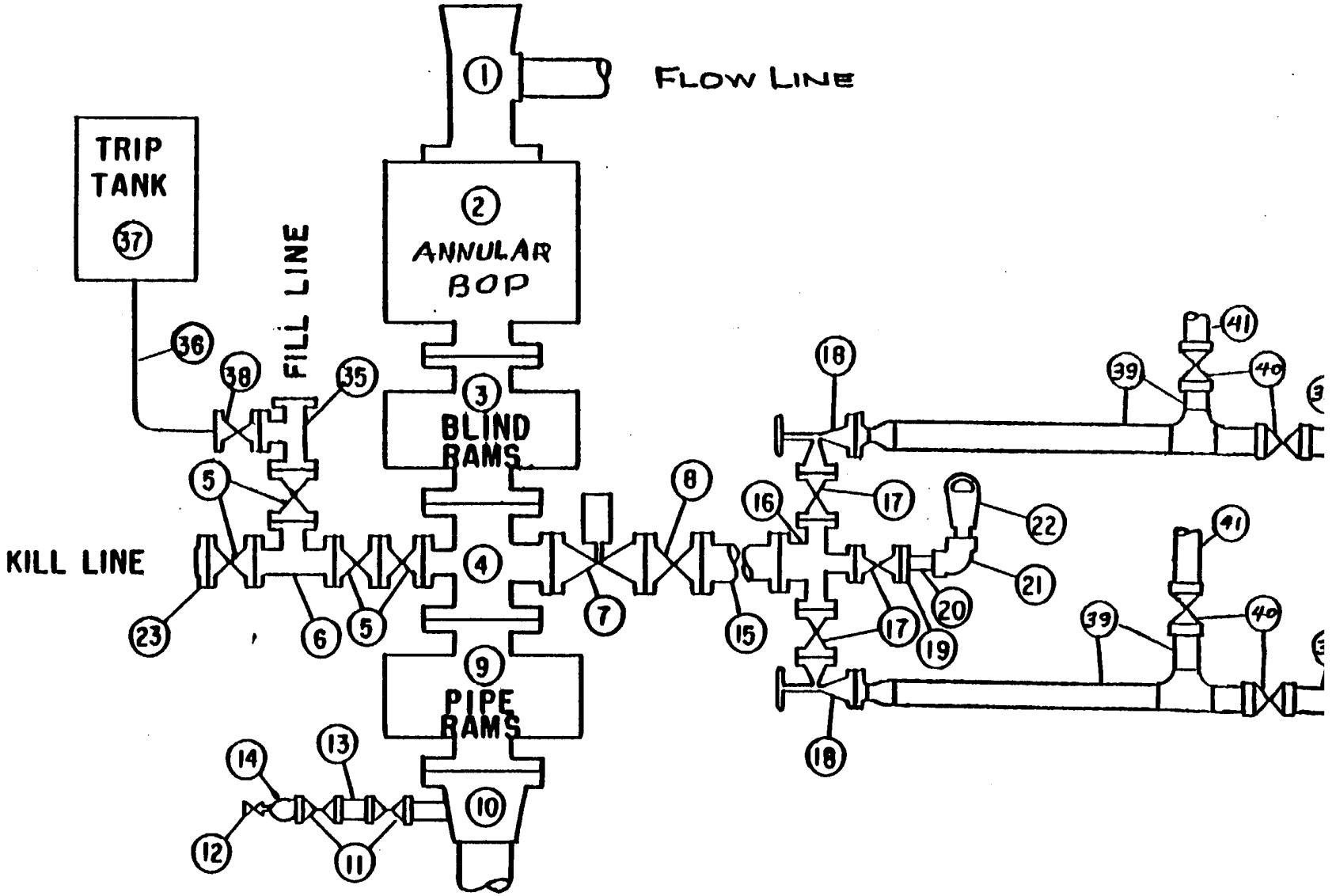
3. Kill line is for emergency use only. This connection shall not be used for filling.

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.

MIDLAND DRILLING ORGANIZATION
BLOWOUT PREVENTER SPECIFICATION
TYPE II - C



9/15/73

10 POINT PLAN
BURTON FLAT FEDERAL "C" NO. 4
Section 35, 20S, 28E
Eddy County, New Mexico
October 19, 1983

1. The geologic name of the surface formation: Recent

2. The estimated tops of important geologic markers:

Delaware Mt. Grp.	:	2500'
Bone Spring	:	5000'

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	:	5000'

4. Proposed casing program:

STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	48#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-2500'
Production	5-1/2"	14#&15.5#,17#/K-55	New	0-6100'

5. Minimum specifications for pressure control equipment:

   A. Wellhead equipment - Threaded 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 and have at least two control stations.

   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.

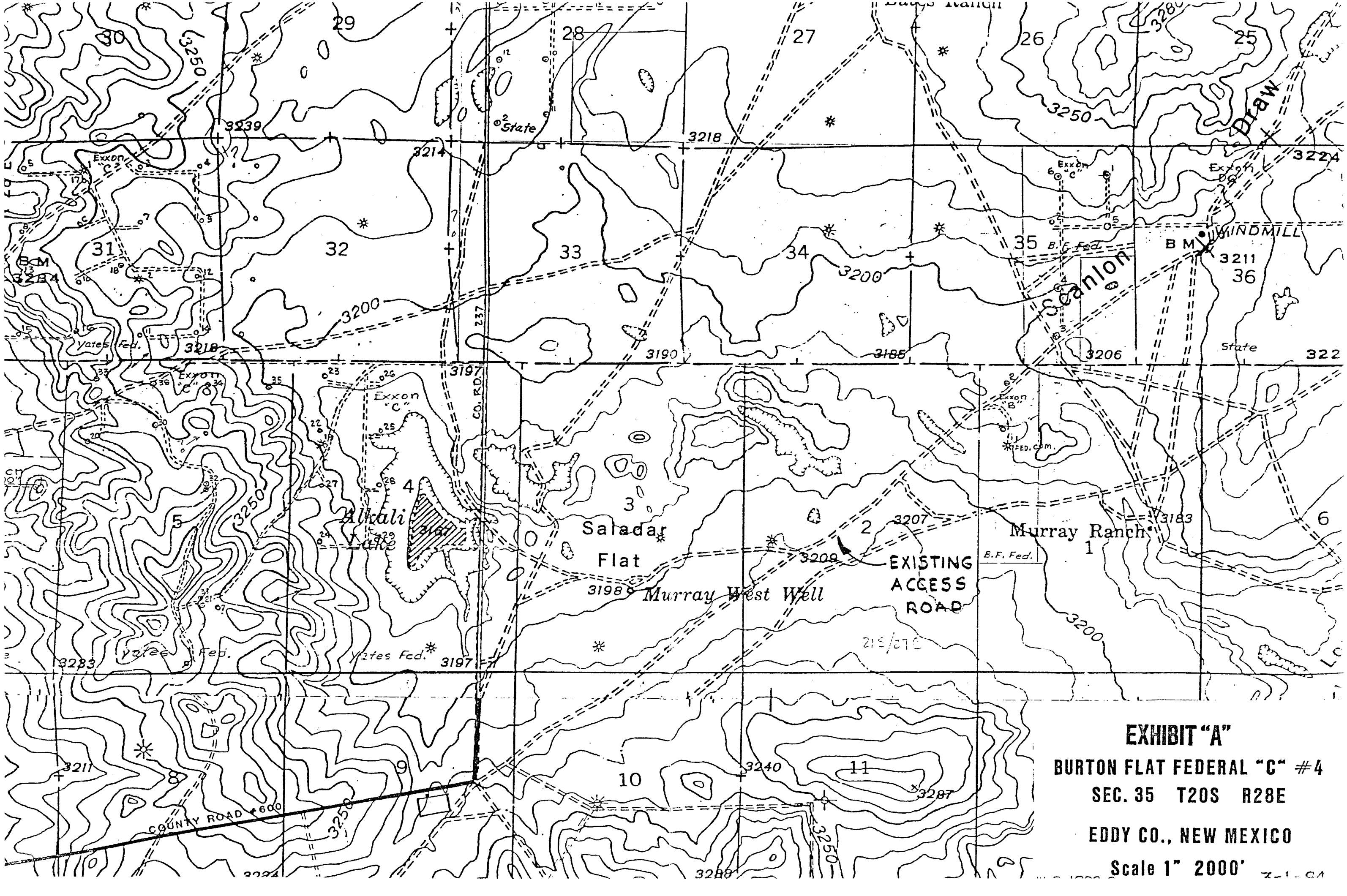


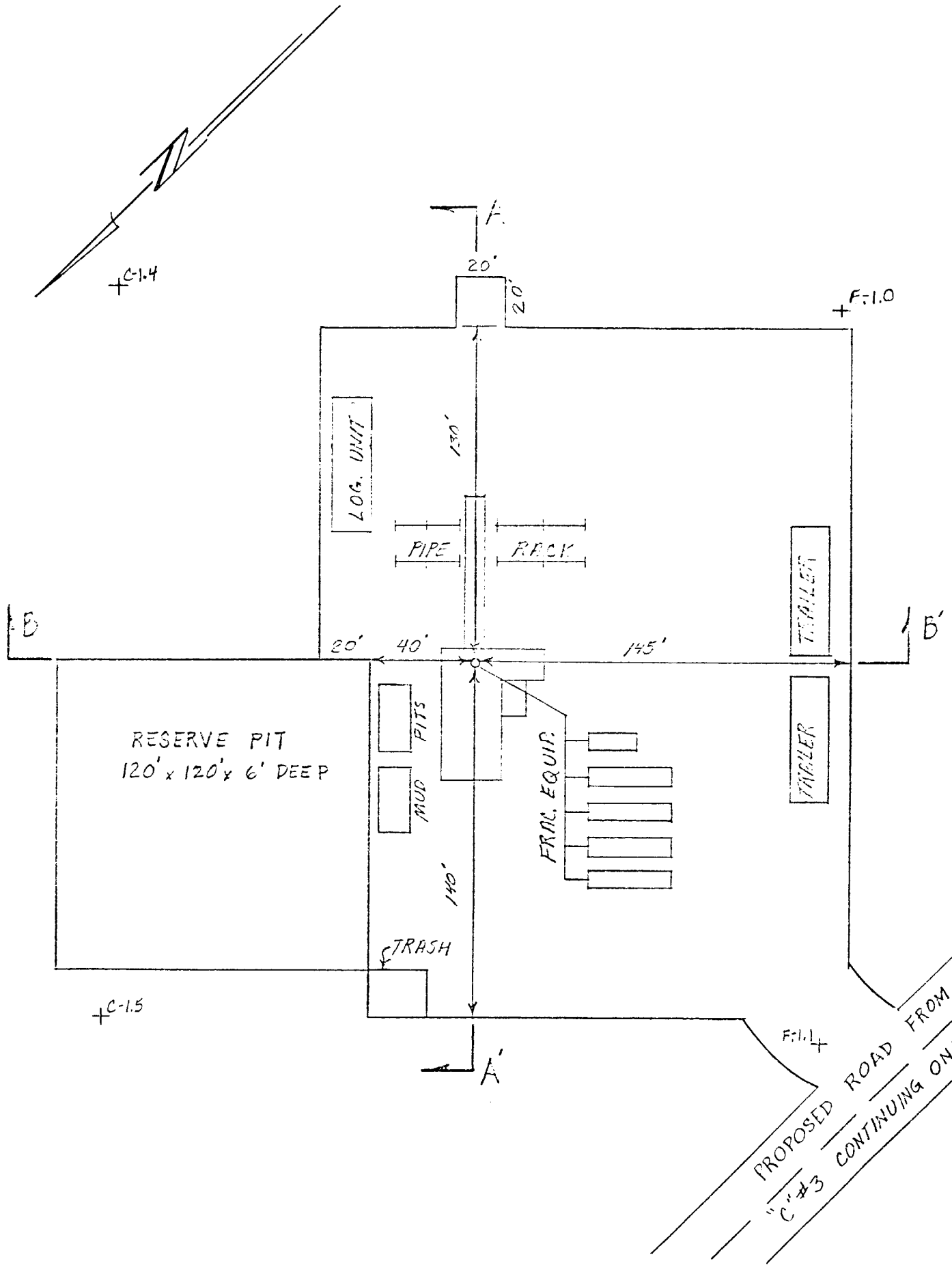
EXHIBIT "A"

BURTON FLAT FEDERAL "C" #4

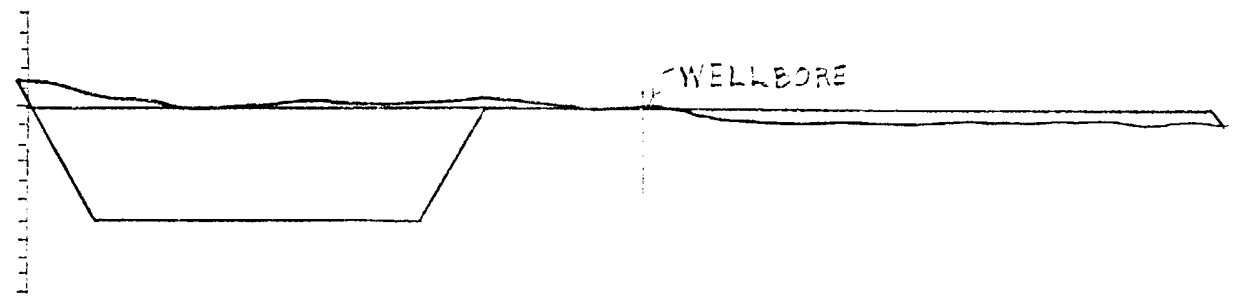
SEC. 35 T20S R28E

EDDY CO., NEW MEXICO

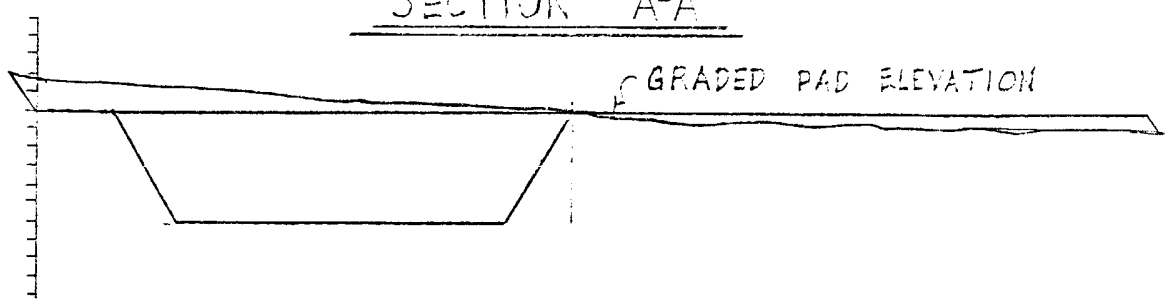
Scale 1" 2000'



SECTION B-B'



SECTION A-A'



CROSS SECTIONS

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

BURTON FLAT FEDERAL "C" #4 NW/4 SE/4 SEC. 35 T-20-S R-28-E EDDY CO., NEW MEXICO		EXXON COMPANY, U.S.A. (a division of Exxon Corporation) PRODUCTION DEPARTMENT EXHIBIT "B"	
DRAWN MLH CHECKED	ENGR. SECTION CIVIL REVISED APPROVED	DATE 2-6-84 SCALE 1" = 50'	JOB NO.
			FILE NO. WA-1890-B

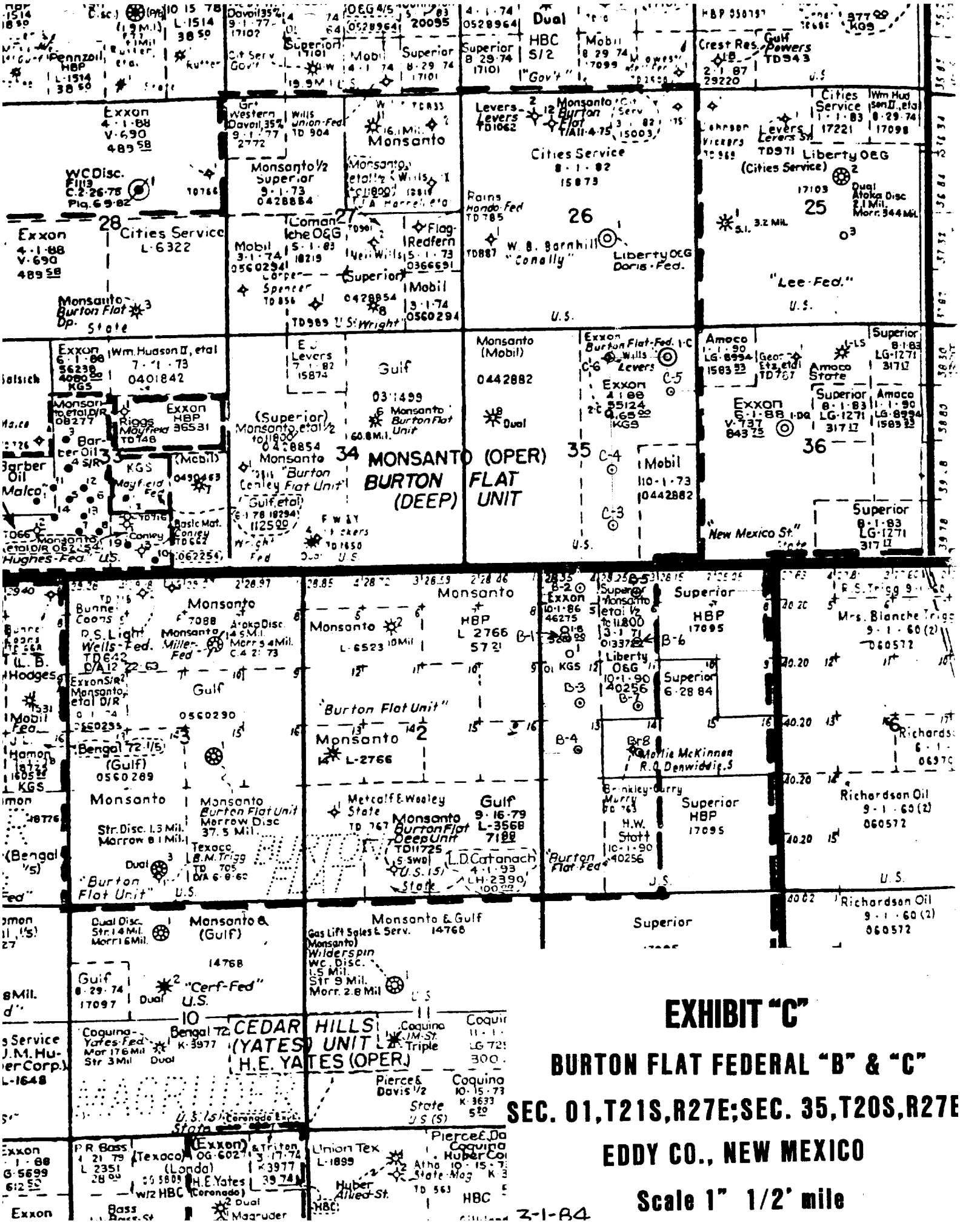


EXHIBIT "C"

BURTON FLAT FEDERAL "B" & "C"

SEC. 01, T21S, R27E; SEC. 35, T20S, R27E

EDDY CO., NEW MEXICO

Scale 1" 1/2' mile

3-1-84