

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-61307

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 ☐

2. NAME OF OPERATOR

STEVENS OPERATING CORPORATION

3. ADDRESS OF OPERATOR

P. O. Box 2203, Roswell, New Mexico 88201

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

At surface

660' FWL 1980' FSL Sec. 13-T7S-R25E

At proposed prod. zone

same

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

23 air miles from Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

840

17. NO. OF ACRES ASSIGNED

660

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

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3706.5' GR, 3711.5 KB

22. APPROX. DATE WORK WILL START*

December 18, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	10 3/4	32.75#	850'	Sufficient to circulate
9 7/8	*	*	1500'	*
7 7/8	4 1/2	9.50#	4100'	200 sacks

*If circulation cannot be maintained while drilling the 9 7/8" hole to 1500', 8 5/8" (24#) intermediate casing will be cemented at 1500' with 200 sacks of cement.

After setting and cementing production string pay zones will be perforated and stimulated as needed for production.

Attached are:

1. Well Location and Acreage Plat.
2. Supplemental Drilling Data.
3. Surface Use Plan

Gas is not dedicated.

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

Pat Thompson

TITLE

Production Clerk

DATE

12/1/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 21 1981

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

RECEIVED
DEC 03 1981OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICOPosted 12-1
API + NL Book
12-31-81

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

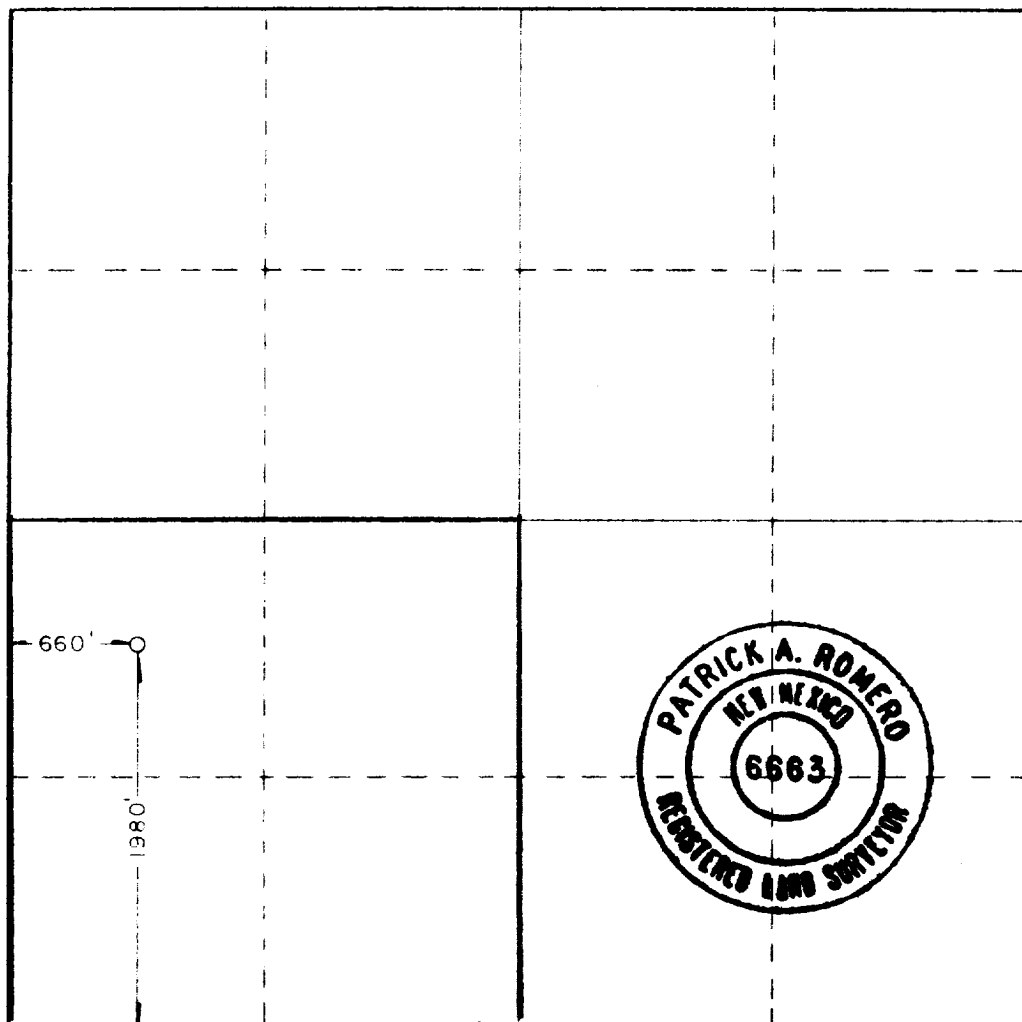
Operator Stevens Operating Company Corp.			Lease Edmondson Federal		Well No. 3
Section L	Section 13	Township 7 South	Range 25 East	County Chaves	
Actual Well Location at Well: 1980 feet from the south line and 660 feet from the west line					
Ground Level Elev. 3706.5'	Producing Formation ABO		Pool Undesignated Abo		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Pat Thompson
 Position Pat Thompson
Production Clerk
 Company Stevens Operating Corp.
 Date 12/1/81

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 11-20-81
 Registered Professional Engineer and/or Land Surveyor
Patrick A. Romero
 Certificate No JOHN W. WEST 678
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600



SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION
WELL #3 EDMONDSON FEDERAL
660 FWL 1980 FSL SEC. 13-T7S-R25E

1. SURFACE FORMATION: Permian (Artesia Group)
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	510'
Glorietta	1600'
Abo	3690'
3. ANTICIPATED POROSITY ZONES:

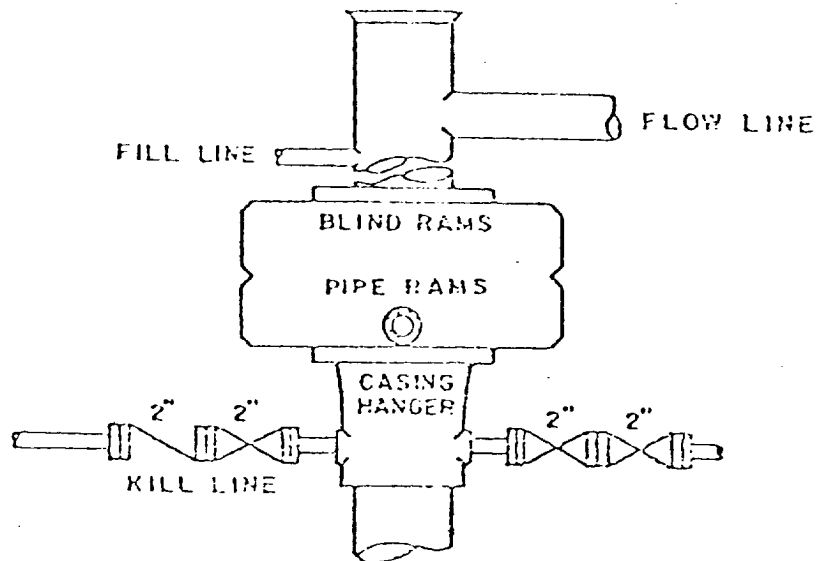
Water	130'
Oil	1000'
Gas	3730'
4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
10 3/4"	0 - 850'	32.75#	K-55	STC	New
8 5/8"	0 - 1500'	24.0 #	K-55	STC	New
4 1/2"	0 - 4100'	9.5 #	K-55	STC	New
5. SURFACE CONTROL EQUIPMENT: A double ram-type preventer (900 series). A sketch of BOP stack is attached.
6. CIRCULATING MEDIUM:

0 - 850'	Fresh water mud with gel added if needed for viscosity.
850'- TD	Fresh water mud, conditioned as necessary for control of viscosity and water loss.
7. AUXILLARY EQUIPMENT: Drill string safety valve.
8. TESTING, LOGGING AND CORING PROGRAMS:

DST's:	As warranted.
Coring:	None planned.
Logging:	A compensated Neutron/Formation Density Log w/Gamma Ray and a Dual Laterolog/Micro-Spherically Focused Log.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED DATES: It is planned that drilling operations will commence about December 18, 1981. Duration of drilling and completion operations should be 6 to 45 days.

BLOWOUT PREVENTER SKETCH



DUAL RAM-TYPE PREVENTER

STEVENS OPERATING CORP.
WELL #3 EDMONDSON FEDERAL
660 FWL 1980 FSL Sec 13-T7S-R25E

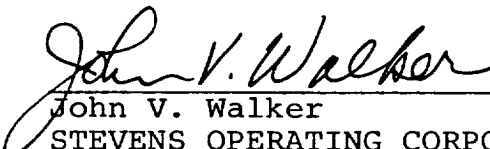
SURFACE AGREEMENT FOR NW¼ SW¼ SEC. 13 T7S, R25E
CHAVES COUNTY, NEW MEXICO

Records show the the above-described tract of land is owned as follows:

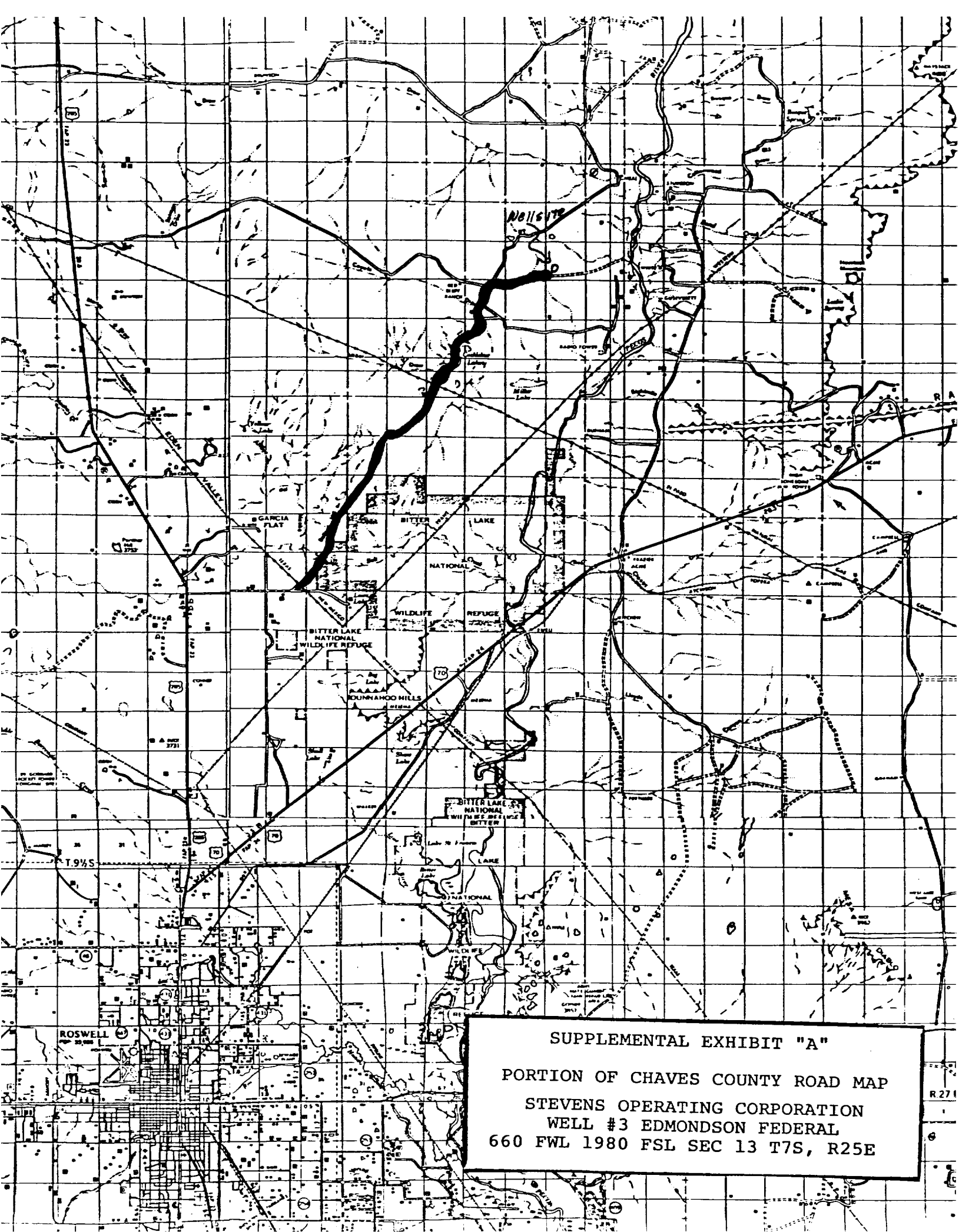
Surface:	Spool Cattle Company
Minerals:	U.S. Government
Oil & Gas Lease:	
Designation of Operator:	Stevens Operating Corporation

This is to advise that STEVENS has made an agreement with Spool Cattle Co. for the use of existing access roads to the proposed drilling location and for construction and use of the proposed new road and wellsite along with associated pits. Upon abandonment, the pits will be filled and the location cleaned. No stipulations were made by the Spool Cattle Co. requiring surface restoration of the road or well pad areas.

November 30, 1981



John V. Walker
STEVENS OPERATING CORPORATION



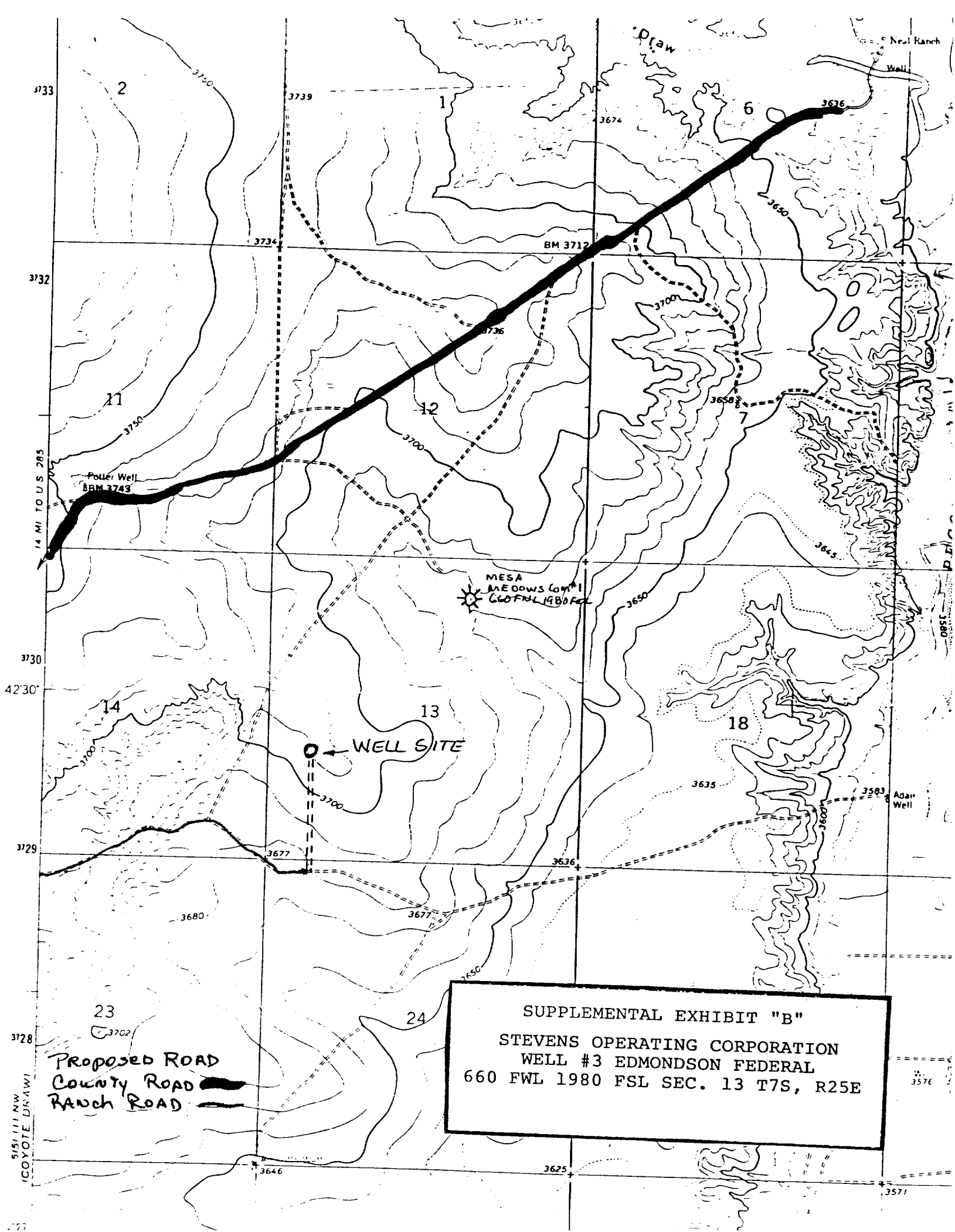
SUPPLEMENTAL EXHIBIT "A"

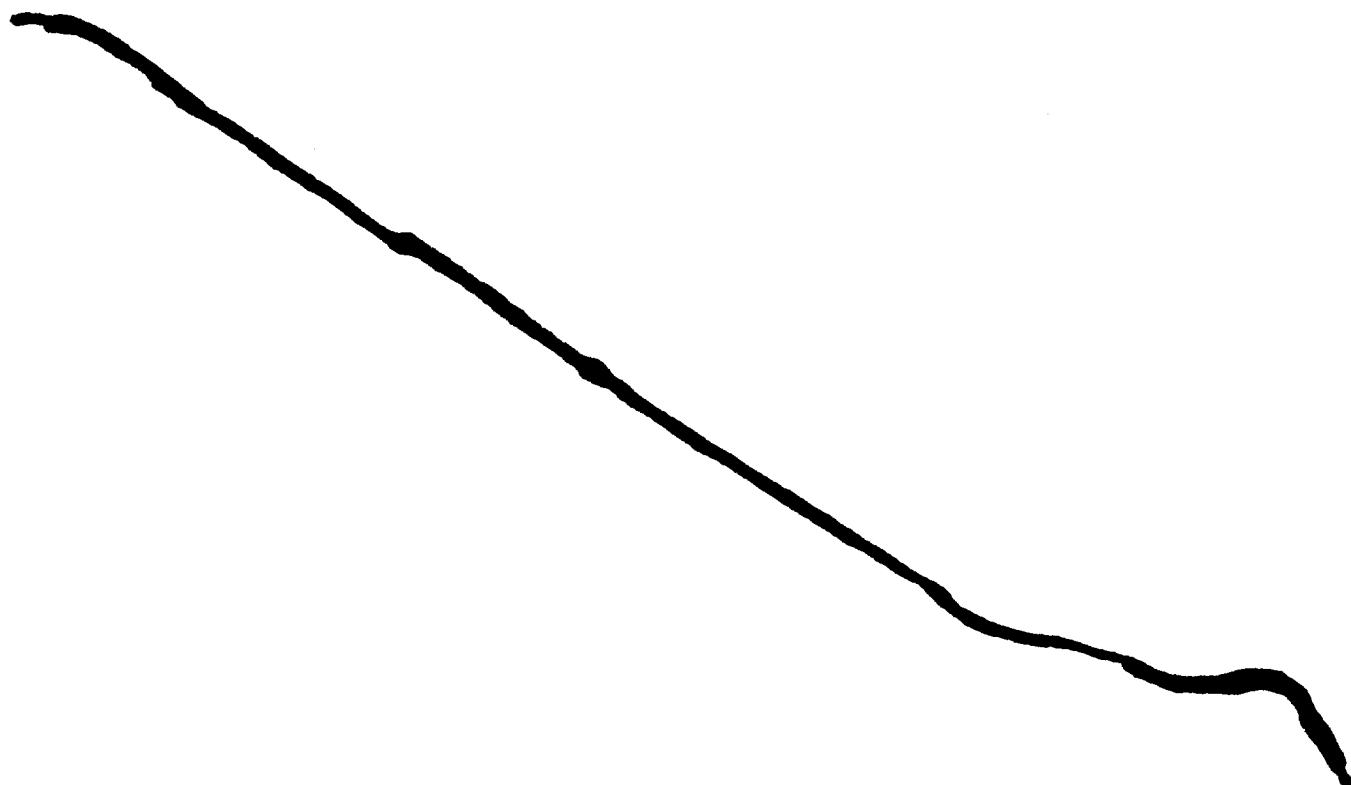
PORTION OF CHAVES COUNTY ROAD MAP

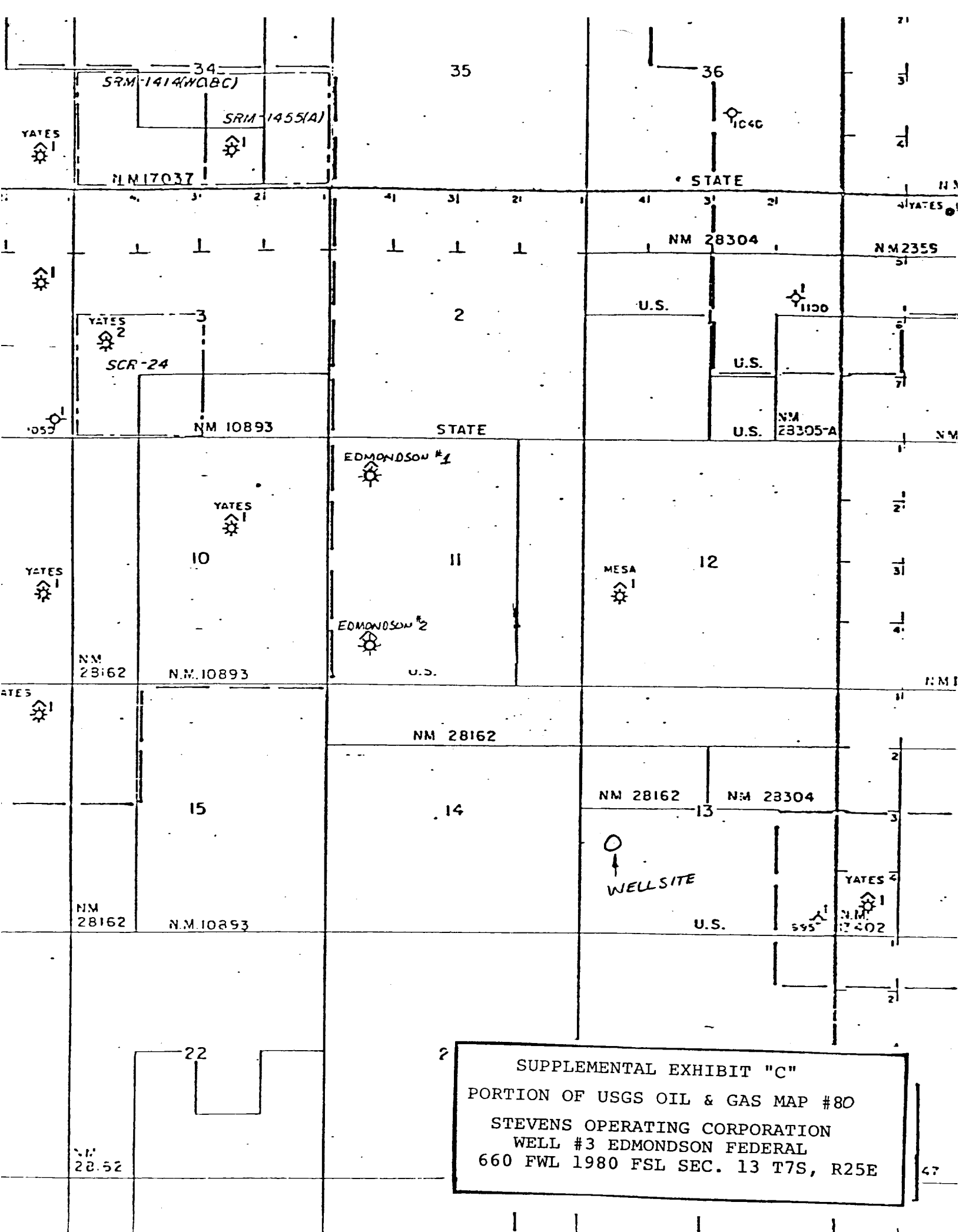
STEVENS OPERATING CORPORATION

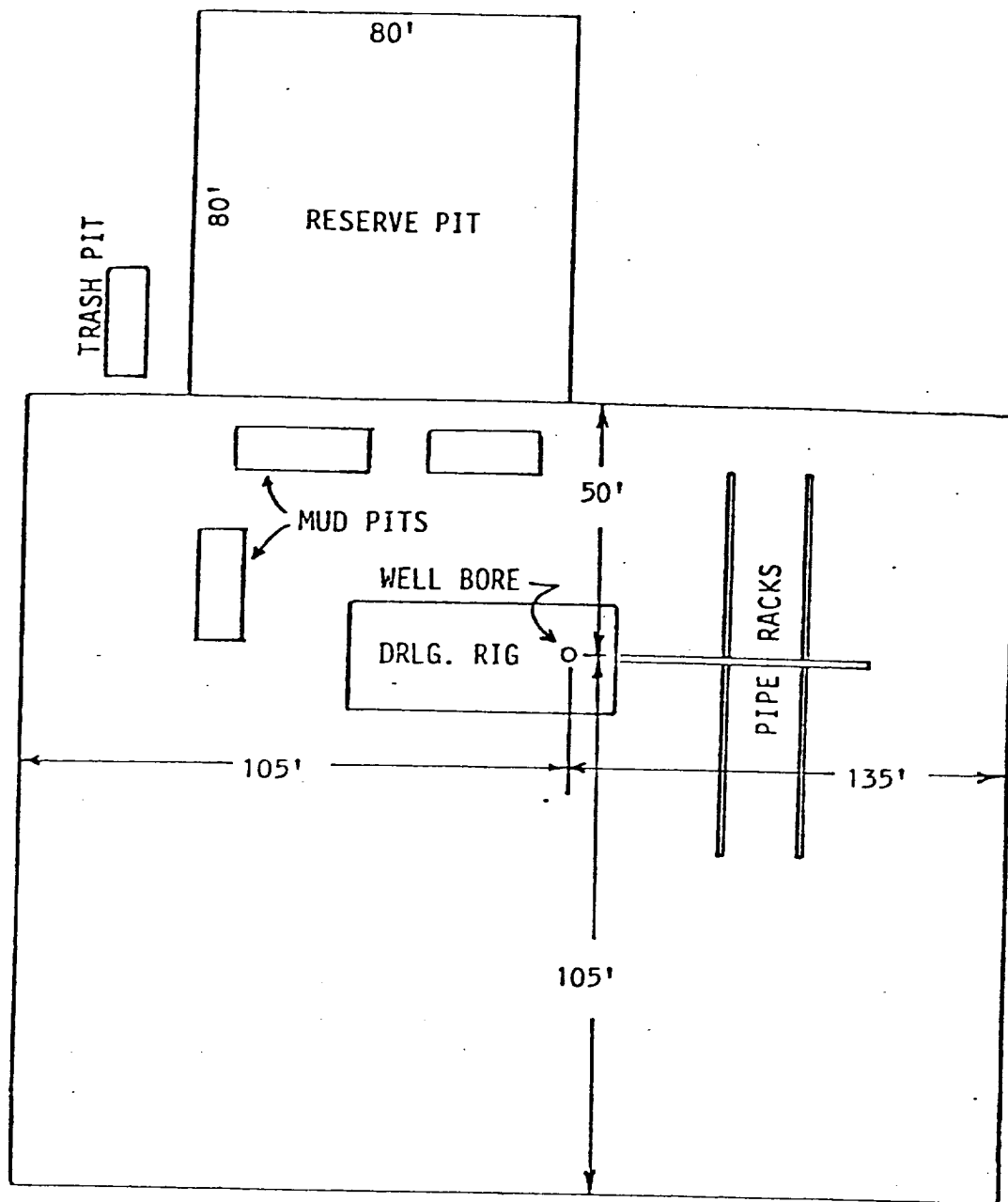
WELL #3 EDMONDSON FEDERAL

660 FWL 1980 FSL SEC 13 T7S, R25E









SUPPLEMENTAL EXHIBIT "D"
STEVENS OPERATING CORPORATION
WELL #3 EDMONDSON FEDERAL
660 FWL 1980 FSL SEC. 13 T7S, R25E