

**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

STEVENS OPERATING CORPORATION

RECEIVED

3. ADDRESS OF OPERATOR

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

APR 14 1982

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

At surface

660 FNL & 1980' FEL. Sec. 24-T8S-R25E

O.C.D. ARTESIA, OFFICE

At proposed prod. zone

660' or same

ut-A

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

17.8 air miles north of Roswell, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1980'

16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED TO THIS WELL

180

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

19. PROPOSED DEPTH

4400'

20. ROTARY OR CABLE TOOLS

Rotary

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

3546.8 G.L.

22. APPROX. DATE WORK WILL START\*

April 5, 1982

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.0#	900'	Sufficient to circulate
7 7/8"	4 1/2"	9.5#	4400'	300 sacks or 500' above pay

Well will be drilled to a depth of 4400' and all potential zones be evaluated. If commercial production is indicated well will be selectively perforated and stimulated.

Attached are:

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

Gas is not dedicated to a pipeline.

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 Coordinator

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

CO. S. S. GEORGE H. STEWART  
APR 9 1982

FOR

JAMES A. GUNNAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

30-045-61539

5. LEASE DESIGNATION AND SERIAL NO.  
NM 29207

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. NAME OR LEASE NAME  
COBIE/EBEID

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
Undesignated Abo

11. SEC. 34, 35, 36, OR BLM SURVEY OR AREA  
Sec. 24 T8S-R25E

12. COUNTY OR PARISH  
Chaves

13. STATE  
NM

25. POSTED ID-1  
API + NL Book  
4-16-82

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122  
Supersedes C-128  
Effective 1-1-85

All distances must be from the outer boundaries of the Section

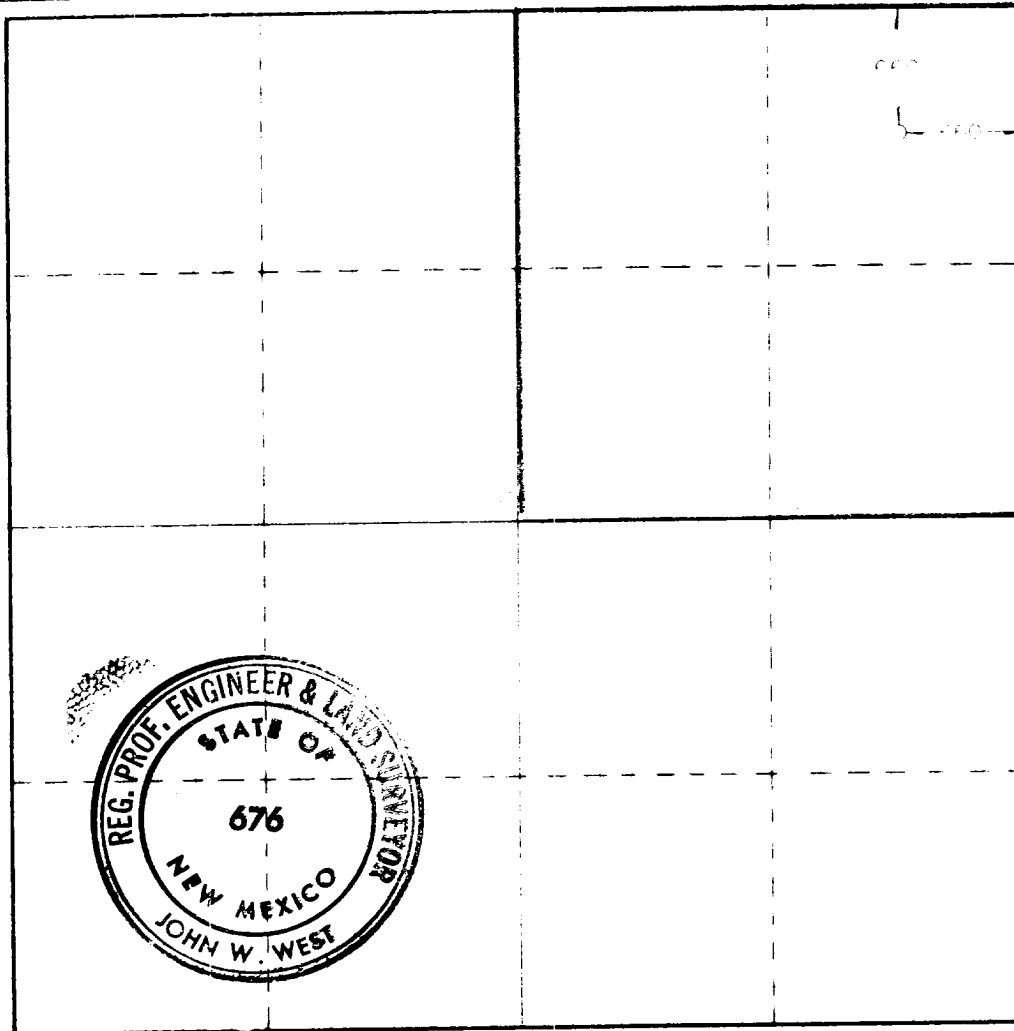
Operator <b>Stevens Operating Co.</b>		Lease <b>Cobie-Ebeid Federal</b>		Well No. <b>2</b>
Tract Letter <b>A</b>	Section <b>24</b>	Range <b>8 South</b>	Range <b>25 East</b>	County <b>Chaves</b>
Acres in the Section of Well <b>660</b>		Acres in the Section of Well <b>660</b>		Acres in the Section of Well <b>660</b>
Direction of Well <b>north</b>		Direction of Well <b>east</b>		Direction of Well <b>east</b>
Original Survey <b>3574.6'</b>	Produced Through <b>Abo</b>	From <b>Undesignated</b>		Dedicated Acreage <b>160</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
- 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  
**Production Coordinator**

Company  
**Stevens Operating Corp**

Date  
**March 31, 1982**

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  
**3-29-82**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6863**  
**Ronald J. Eidson 3239**

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
well well

2. NAME OF OPERATOR  
Stevens Operating Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 2408, Roswell, NM 88201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660 FNL 660 FEL, Sec 24, T8S, R25E  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>location change</u>	

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.)\*

OLD LOCATION - 660' FNL & 1980' FEL, Sec 24, T8S, R25E

NEW LOCATION - 660' FNL & 660' FEL, Sec 24, T8S, R25E  
New Road Log to Proposed Drillsite Attached

5. LEASE  
NM 29207

6. IF INDIAN, ALLOTTEE OR TRIBE  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Cobie/Ebeid Federal

9. WELL NO.  
2

10. FIELD OR WILDCAT NAME  
Undesignated Abo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 24, T8S, R25E

12. COUNTY OR PARISH  
Chaves

13. STATE  
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
3546.8 GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Pat Thompson TITLE Prod Coordinator DATE March 31, 1982

APPROVED BY GEORGE H. EVART (This space for Federal or State office use)  
DATE APR 9 1982

FOR JAMES A. GILLHAM  
DISTRICT SUPERVISOR

A M E N D E D

ROAD LOG TO PROPOSED DRILLSITE

STARTING POINT is 16 miles northeast of Roswell, New Mexico on US-70 at Mile Post 352.5. This point is at the old Acme School House Ruin which is 14.12 miles east of US-285.

- 0.00 Turn left(north) through the cattleguard and proceed on county road in a northerly direction for a distance of 1.0 mile to a ranch road turning west.
- 1.00 Turn left(west) on to ranch road proceed west for .5 miles to the intersection with the overhead powerline.
- 1.50 Turn left(southwest) along powerline road for a distance of .44 miles to the proposed new access road to the Cobie Ebeid Federal #2.
- 1.94 Turn right(west) on access road for a distance of .4 miles to the southeast corner of the proposed well pad.
- 2.34 WELLSITE (Cobie-Ebeid Federal #2)

NEW MEXICO OIL CONSERVATION COMMISSION  
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

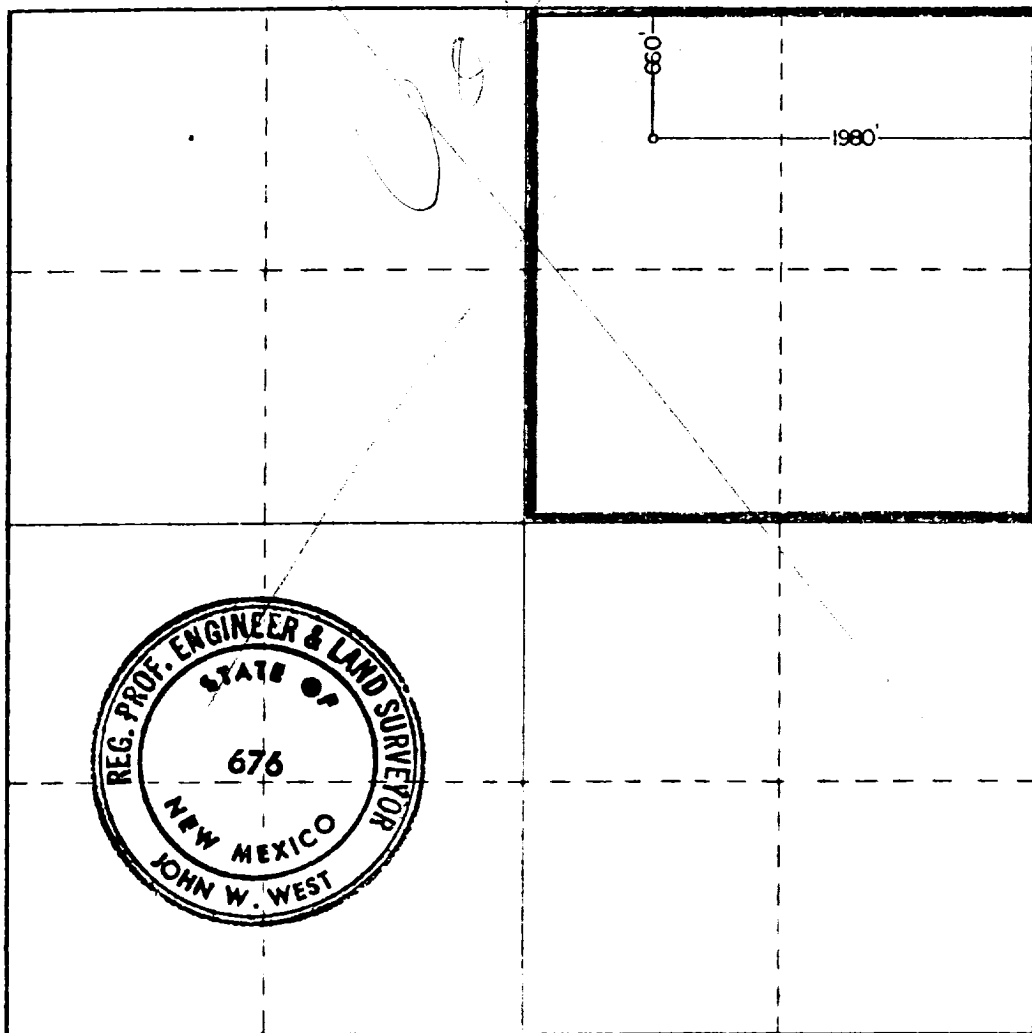
Operator <b>STEVENS OPERATING CO.</b>		Lease <b>COBIE-EBEID-FEDERAL</b>		Well No. <b>2</b>	
Unit Letter <b>B</b>	Section <b>24</b>	Township <b>8 SOUTH</b>	Range <b>25 EAST</b>	County <b>CHAVES</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3546.8</b>	Producing Formation		Pool		Dedicated Acreage:  Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

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

**12-1-81**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6663**  
**Ronald J. Eidson 3239**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION  
WELL #2 COBIE-EBEID FEDERAL  
660' FNL, 1980' FEL, SEC. 24 T-8-S, R-25-E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Aluvium.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Queen	150'	Glorietta	2100'
San Andres	1030'	Abo	3850'

3. ANTICIPATED POROSITY ZONES:

Water	30'
Oil	1100'
Gas	3950'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
8 5/8"	0 - 900'	24.0#	K-55	STC	New
4 1/2"	0 - 4400'	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 - 900'	Fresh water mud with gel added if needed for viscosity
900 - TD	Salt water mud, conditioned as necessary for control of viscosity and water loss.

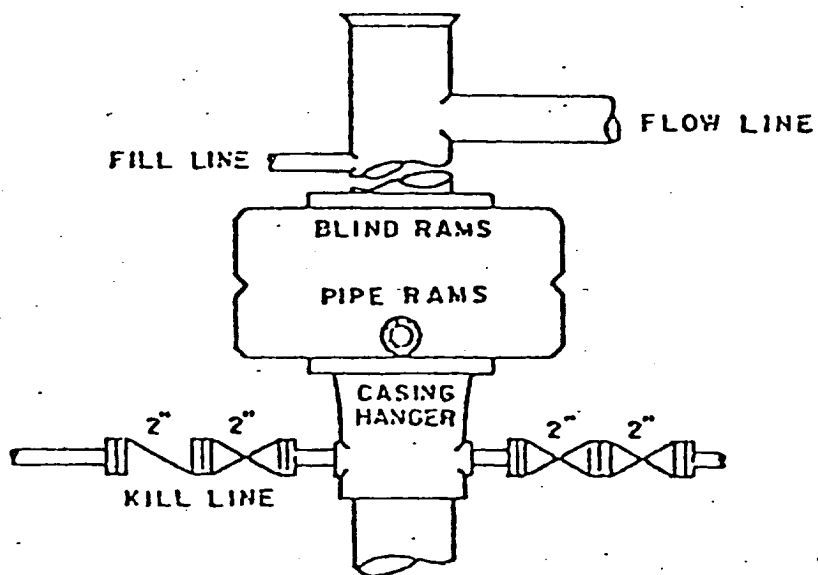
7. AUXILIARY EQUIPMENT: Drill string safety valve.

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 April 5, 1982. Duration of drilling and completion operations should be 20 to 60 days.



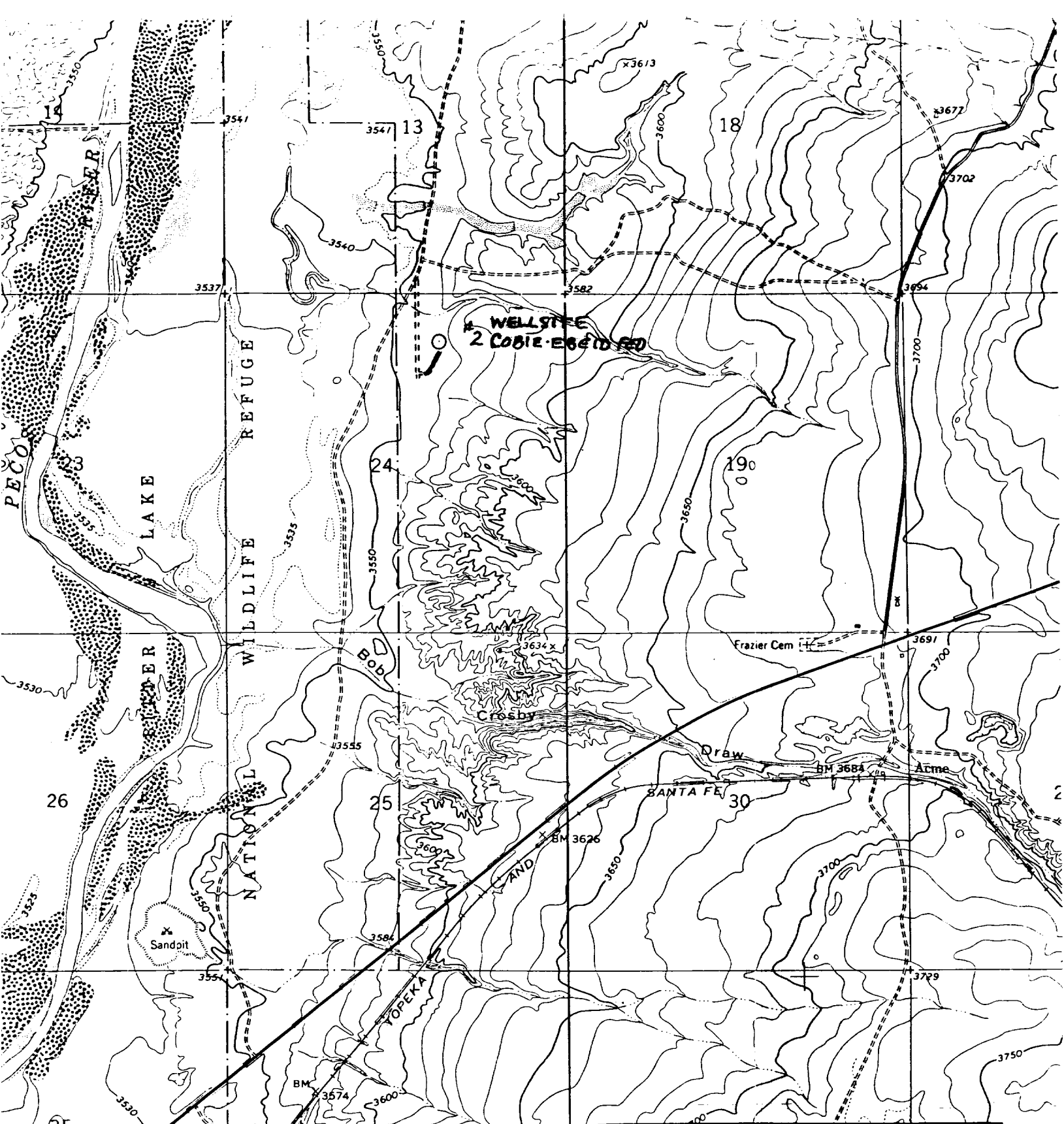
DUAL RAM-TYPE PREVENTER

900 Series

STEVENS OPERATING CORPORATION  
 WELL #2 COBIE-EBEID FEDERAL  
 660' FNL & 1980' FEL, SEC 24, T8S, R25E  
 CHAVES COUNTY, NEW MEXICO







**SUPPLEMENTAL EXHIBIT " B "**

**TOPOGRAPHIC MAP**

**STEVENS OPERATING CORPORATION  
#2 COBIE EBEID FEDERAL**

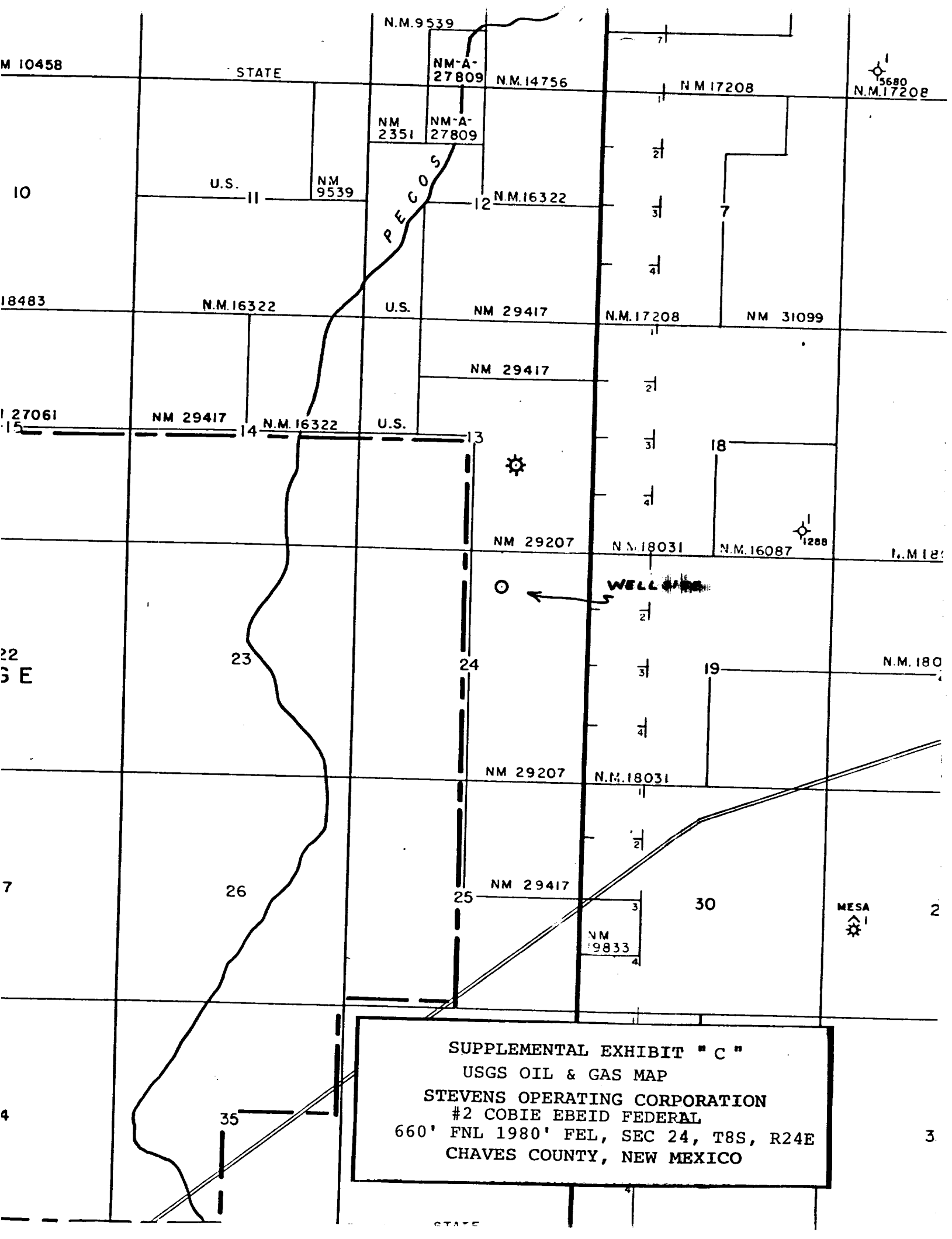
**660' FNL 1980' FEL, SEC 24, T8S, R24E**

**CHAVES COUNTY, NEW MEXICO**

Ranch road -----

Proposed new road ————

County road .....  
3



SUPPLEMENTAL EXHIBIT "C"

USGS OIL & GAS MAP

STEVENS OPERATING CORPORATION

#2 COBIE EBEID FEDERAL

660' FNL 1980' FEL, SEC 24, T8S, R24E

CHAVES COUNTY, NEW MEXICO

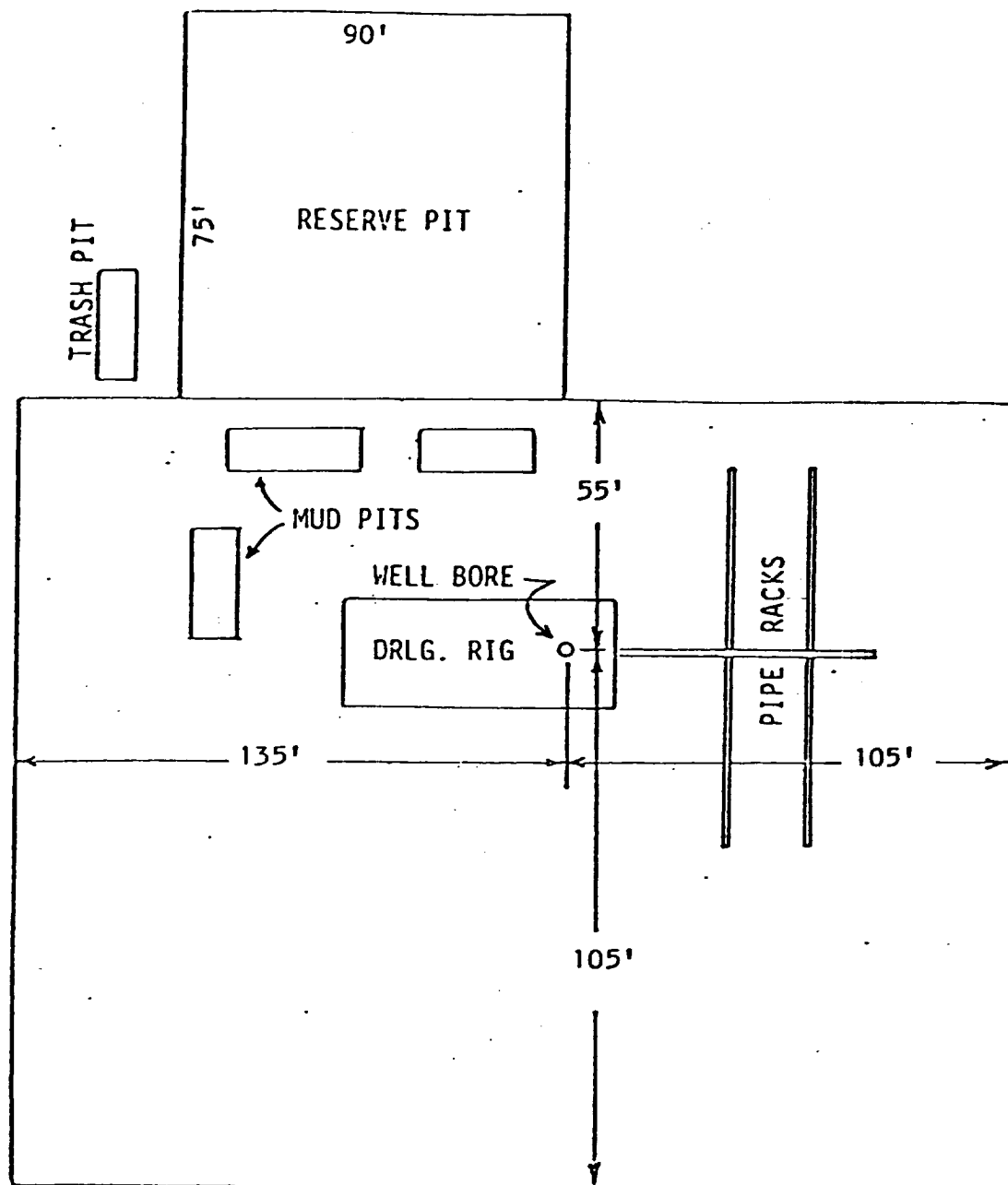


EXHIBIT "D "

SKETCH OF WELL PAD

STEVENS OPERATING CORPORATION  
 WELL #2 COBIE-EBEID FEDERAL  
 660' FNL & 1980' FEL, SEC 24, T-8-S, R-25-E  
 CHAVES COUNTY, NEW MEXICO