

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM, 88166
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instruct.
reverse side)Form approved.
Budget Bureau No. 42-R1425.

30-005-6423

C/SF
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

3. ADDRESS OF OPERATOR

P. O. Box 2203, Roswell, NM 88201

FEB 25 1982

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

At surface

1980' FSL 1980' FEL Sec. 13-T7S-R25E

At proposed prod. zone

same

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

23 air miles northeast of Roswell, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

840

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4100'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

3687.0 G.R.

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 circ
9 7/8	*	*	1500'	*
7 7/8	4 1/2	9.5#	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

TITLE Production Coordinator

DATE 2-10-82

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

APPROVED BY

CONDITIONS OF

FEB 22 1982

JAMES A. GILLHAM
DISTRICT SUPERVISORAPPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

Pasted ID-1
API + NL Book
2-26-82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form
Supervised by
Effective 1-1-65

All distances must be from the outer boundaries of the Section

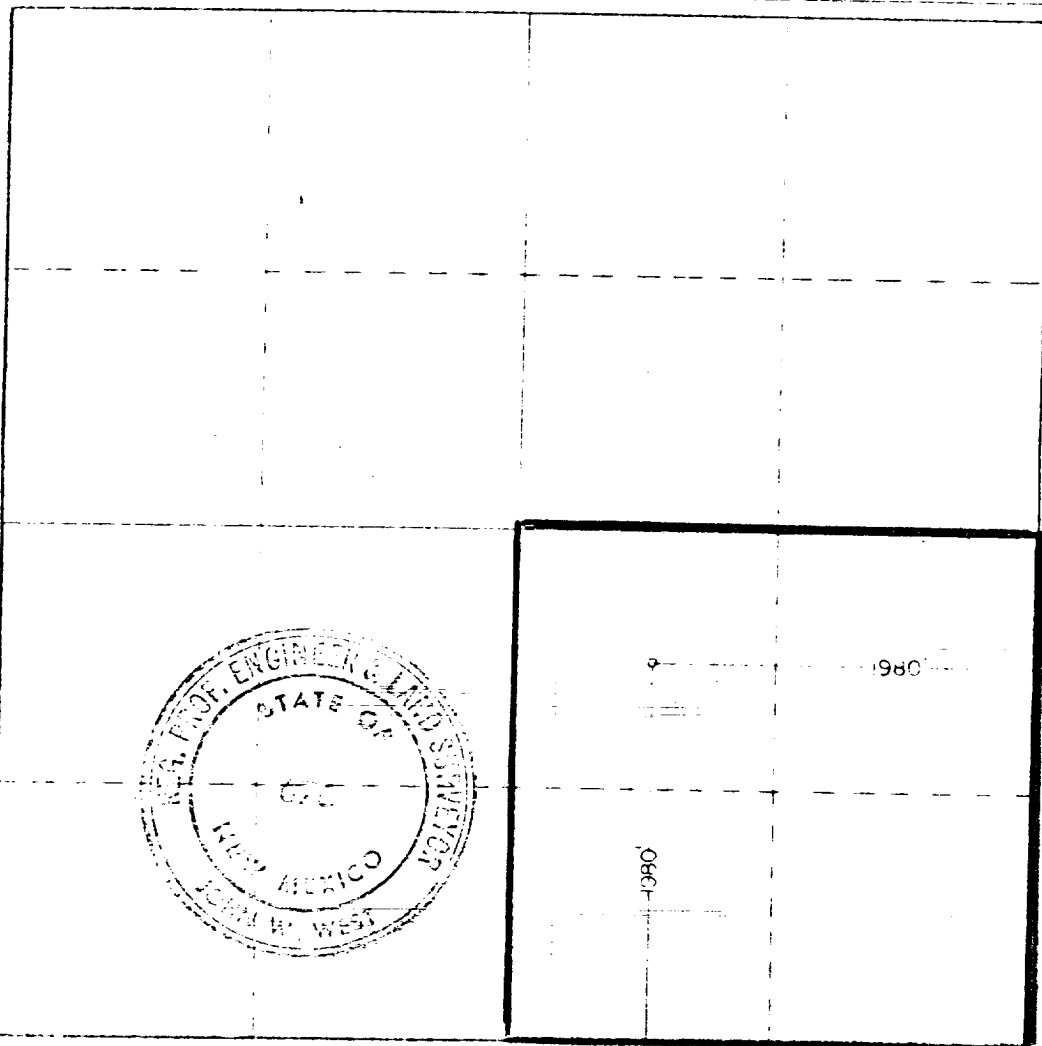
STEVENS OPERATING CO.		EDMONDSON FED.		4	
J	13	7 SOUTH	25 EAST	CHAVES	
1980		EAST		1980	
3637.0		Abo		Pecos Slope - Abo Gas Pool 160	

- 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.

Pat Thompson
Pat Thompson

Production Coordinator
Stevens Operating Corp.

2-9-82

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.

2-03-82

Registered Professional Engineer
and Land Surveyor

John W. West

Certificate No. JOHN W. WEST 678
PATRICK A. ROMERO 6863
Exp. 12-31-82

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION
WELL #4 EDMONDSON FEDERAL
1980 FSL 1980 FEL SEC. 13-T7S-R25E
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Permian (Artesia Group)

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	510'
Glorietta	1600'
Abo	3635'

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. AUXILIARY EQUIPMENT: Drill stringsafety valve.

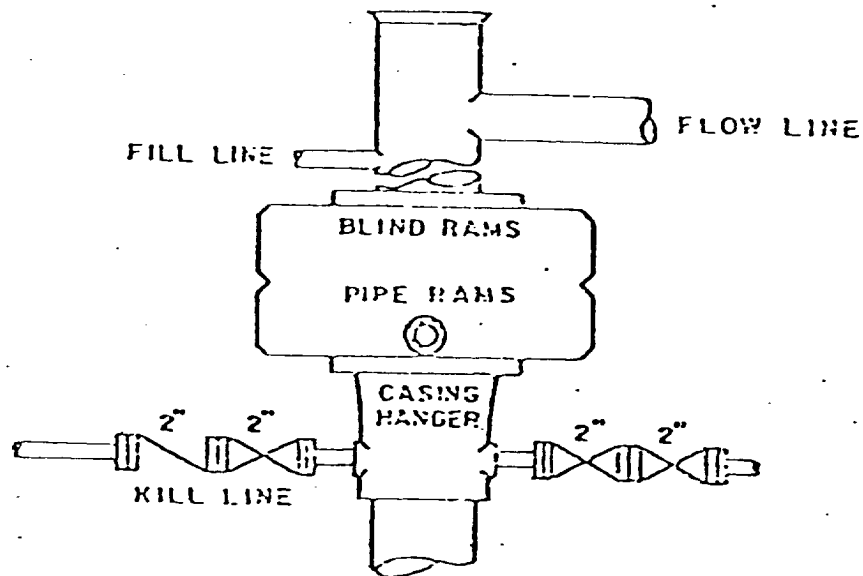
8. TESTING, LOGGING AND CORING PROGRAMS:

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.

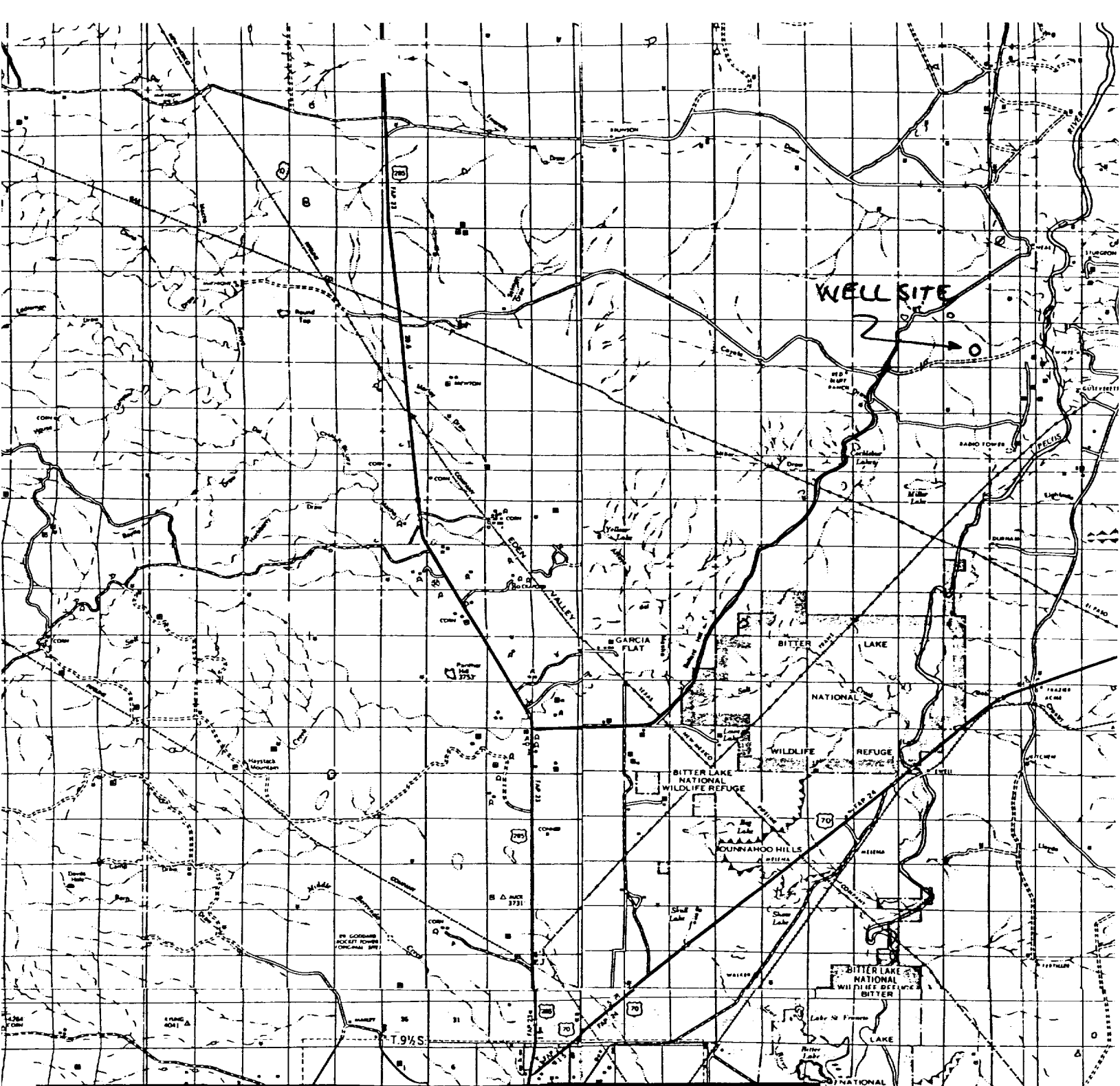
10. ANTICIPATED DATES: It is planned that drilling operations will commence about February 22, 1982. Duration of drilling and completion operations should be 6 to 45 days.

BLOWOUT PREVENTER SKETCH



DUAL RAM-TYPE PREVENTER

STEVENS OPERATING CORPORATION
WELL # 4 EDMONDSON FEDERAL
1980 FSL 1980 FEL SEC. 13-T7S-R25E
CHAVES COUNTY, NEW MEXICO



SUPPLEMENTAL EXHIBIT "A"
COUNTY ROAD MAP

STEVENS OPERATING CORPORATION
WELL #4 EDMONDSON FEDERAL
1980 FSL 1980 FEL SEC 13-T7S-R25E
CHAVES COUNTY, NEW MEXICO

County Road = 
Lease Road = 

