

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NEW OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

30-005-61482
RECEIVED
MAR 17 1982
NM 29417

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, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FEL & 1980' FSL, Sec. 12, T-8-S, R-25-E

At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
19.2 airmiles northeast of Roswell, New Mexico

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

16. NO. OF ACRES IN LEASE 680
17. NO. OF ACRES ASSIGNED TO THIS WELL 60
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A
19. PROPOSED DEPTH 4400'

20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3544.3 GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
11"	8 5/8"	24.0#	900'
7 7/8"	4 1/2"	9.5#	4400'

QUANTITY OF CEMENT
Sufficient to circulate
300 sacks or 500 above pay

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

Attached are: 1. Well Location and Dedication Plat
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 production 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 DATE 2/24/82

(This space for Federal or State office use)

PERMIT NO. APPROVED

APPROVED BY MAR 15 1982

JAMES A. GILLHAM
DISTRICT SUPERVISOR

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

Post ID-1
API & M Book
3-19-82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-4-83

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

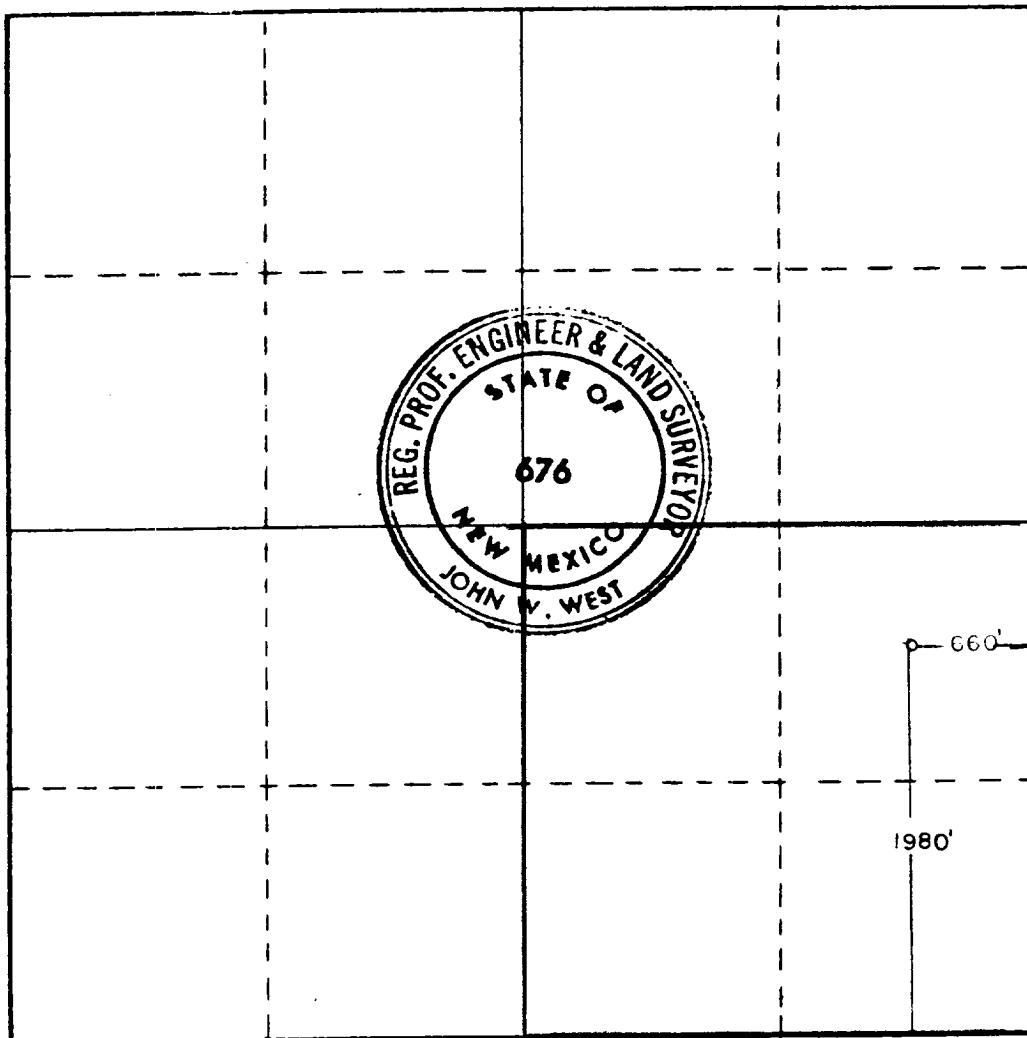
Operator STEVENS OPERATING Co.		Lease PAUL HICKS FED.		Well No. 3
Unit Letter I	Section 12	Township 8 SOUTH	Range 25 EAST	County CHAVES
Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the EAST line				
Ground Level Elev. 3544.3	Producing Formation Abo		Pool Undesignated Abo	Dedicated Acreage: 160 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.



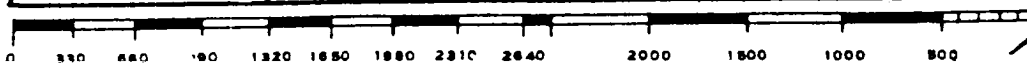
CERTIFICATION

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 2/23/82

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.

Date Surveyed 1-4-82
Registered Professional Engineer and/or Land Surveyor John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239



SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION
WELL #3 PAUL HICKS FEDERAL
660' FEL & 1980' FSL, SEC. 12, T-8-S, R-25-E
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Alluvium.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

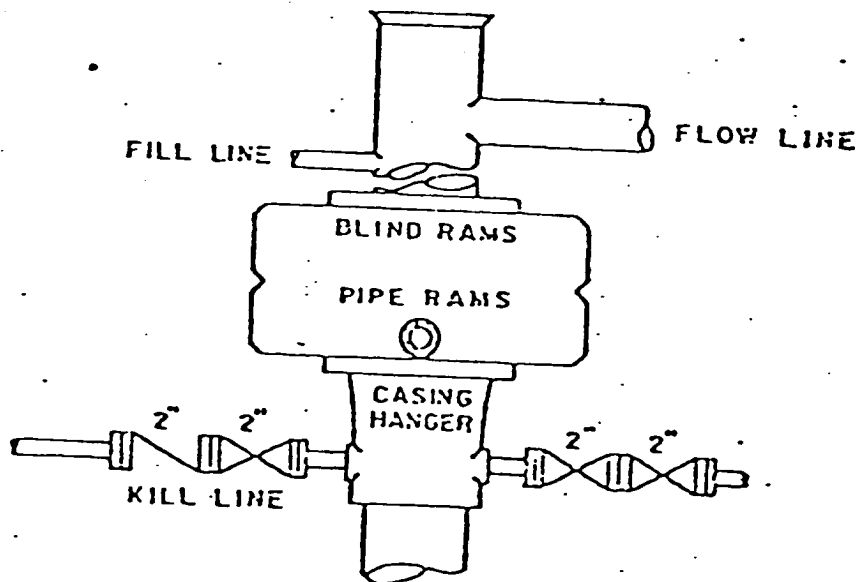
Queen	150'	Glorietta	1800'
San Andres	600'	ABO	3850'
3. ANTICIPATED POROSITY ZONES:

Water	40'		
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#	K55	STC	New
4 1/2"	0-4400'	9.5#	K55	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'	Freshwater mud with gel added if needed for viscosity.
900'-TD	Saltwater mud, conditioned as necessary for control of viscosity and water loss.
7. AUXILIARY EQUIPMENT: Drill string safety valve.
8. TESTING, LOGGING AND CORING PROGRAMS:

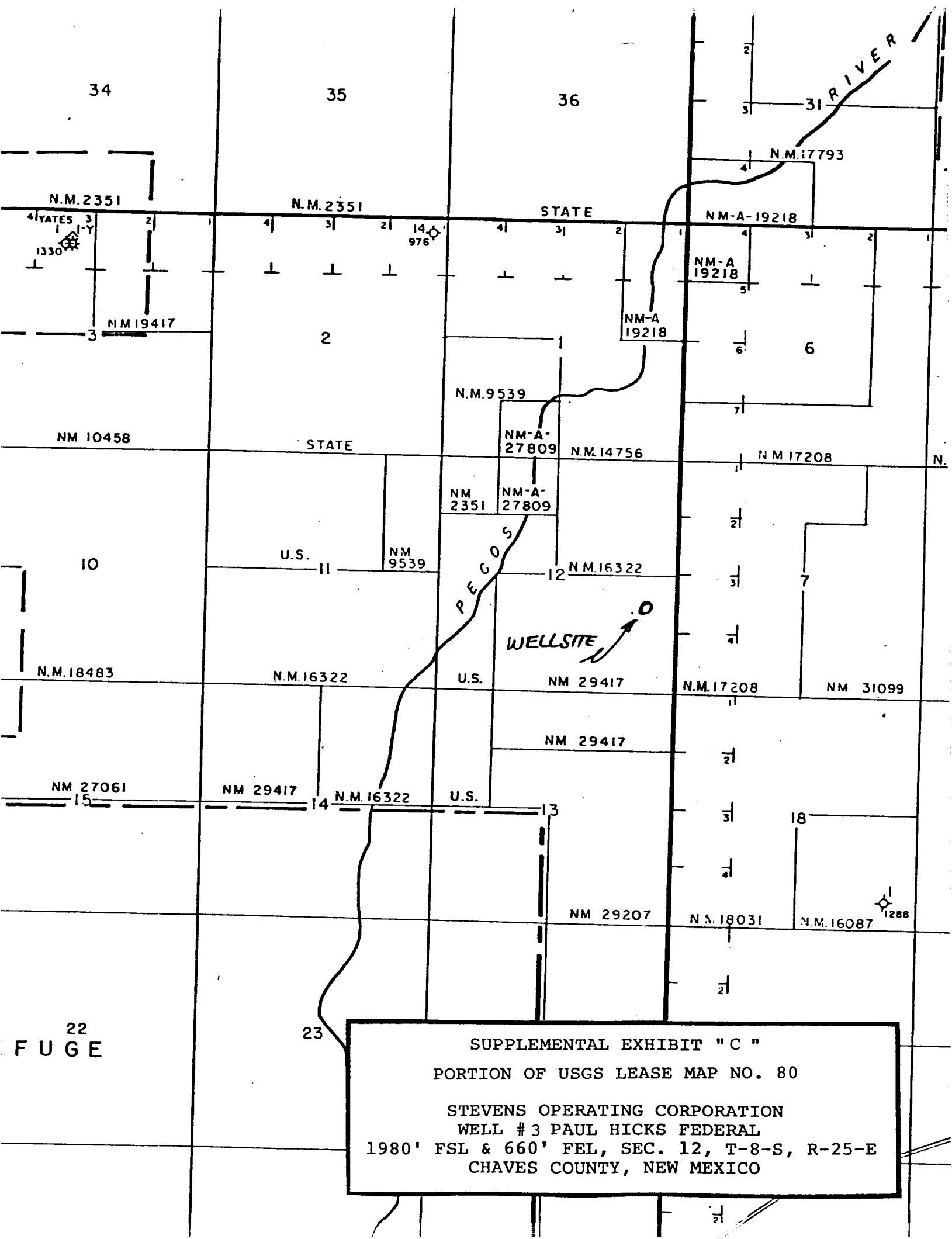
DST's:	As warranted.
Coring:	None Planned.
Logging:	A compensated Neutron/Formation Density Log w/Gamma Ray and a Dual Laterolog/Micro-Spherically Focused Log.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED DATES: It is planned that drilling operations will commence about March 25, 1982. Duration of drilling and completion operations should be 20 to 60 days.



DUAL RAM-TYPE PREVENTER

900 Series

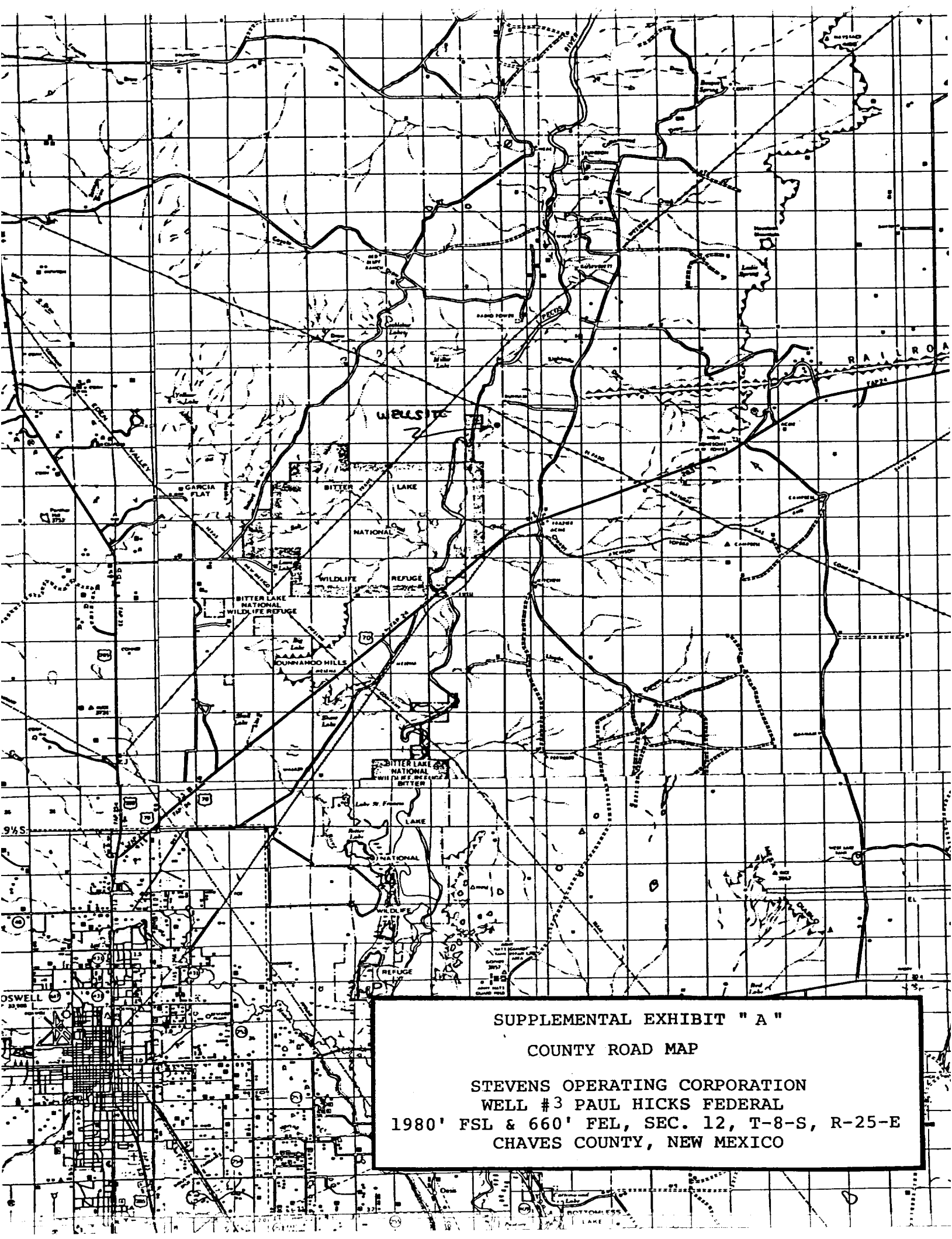
BLOWOUT PREVENTER SKETCH
 STEVENS OPERATING CORPORATION
 WELL #3 PAUL HICKS FEDERAL
 1980' FSL & 660' FEL, SEC. 12, T-8-S, R-25-E
 CHAVES COUNTY, NEW MEXICO



SUPPLEMENTAL EXHIBIT "C"

PORTION OF USGS LEASE MAP NO. 80

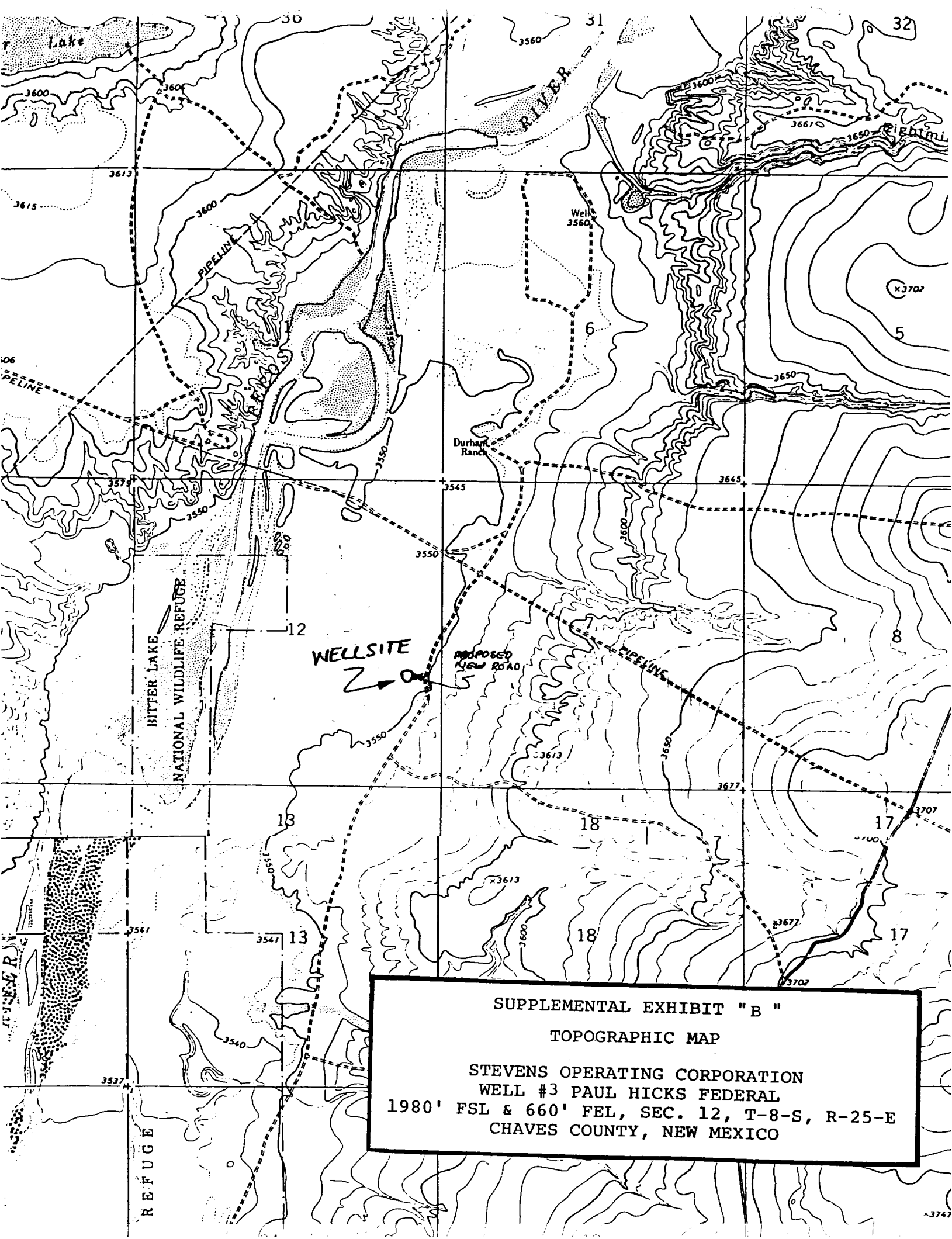
STEVENS OPERATING CORPORATION
WELL #3 PAUL HICKS FEDERAL
1980' FSL & 660' FEL, SEC. 12, T-8-S, R-25-E
CHAVES COUNTY, NEW MEXICO



SUPPLEMENTAL EXHIBIT " A "

COUNTY ROAD MAP

STEVENS OPERATING CORPORATION
WELL #3 PAUL HICKS FEDERAL
1980' FSL & 660' FEL, SEC. 12, T-8-S, R-25-E
CHAVES COUNTY, NEW MEXICO



SUPPLEMENTAL EXHIBIT "B"

TOPOGRAPHIC MAP

STEVENS OPERATING CORPORATION
WELL #3 PAUL HICKS FEDERAL
1980' FSL & 660' FEL, SEC. 12, T-8-S, R-25-E
CHAVES COUNTY, NEW MEXICO