

NM Oil Cons. 000000
Drawer DD
Artesia, N. 88210

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SECTION IN
Hole No. 42 R1425
Reverse Side

Form 10-1-C
Hole No. 42 R1425

30-005-61595

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 (505-622-7273)

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State law)
At surface 1980 FSL, 660 FWL, Sec 15-T7S-R26E
At proposed prod. zone same

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7430'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3699 GR

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"	10.5	4500'	300 sks or 500' above pay

Well will be drilled to a total depth of 4500' 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.

5. LEASE DESIGNATION AND SERIAL NO.
NM 27634
6. IF INDIAN, ALIGNEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Hanagan Federal
9. WELL NO.
3
10. FIELD AND FOOT OR WADICAT
Undesignated Abo
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec 15-T7S-R26E
12. COUNTY OR PARISH
Chaves
13. STATE
NM

RECEIVED

MAY 13 1982

O. C. O.
ARTESIA, OFFICE W.H.

RECEIVED
MAR 31 1982

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 directly, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. APPROVED
FOR: GEORGE H. STEVENS Production Coordinator
DATE: 3/31/82
APPROVED BY: JAMES A. GRHAM DISTRICT SUPERVISOR
DATE: MAY 5 1982

Posted: D.
5-21-83
New York, NY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION AT

Form O-1
Supersedes O-12H
Effective 1-1-81

All distances must be from the outer boundaries of the Section

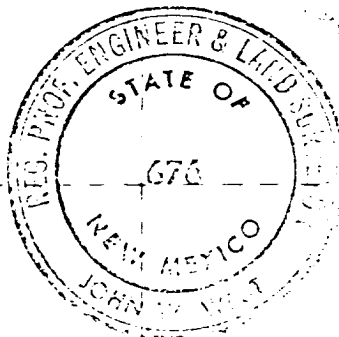
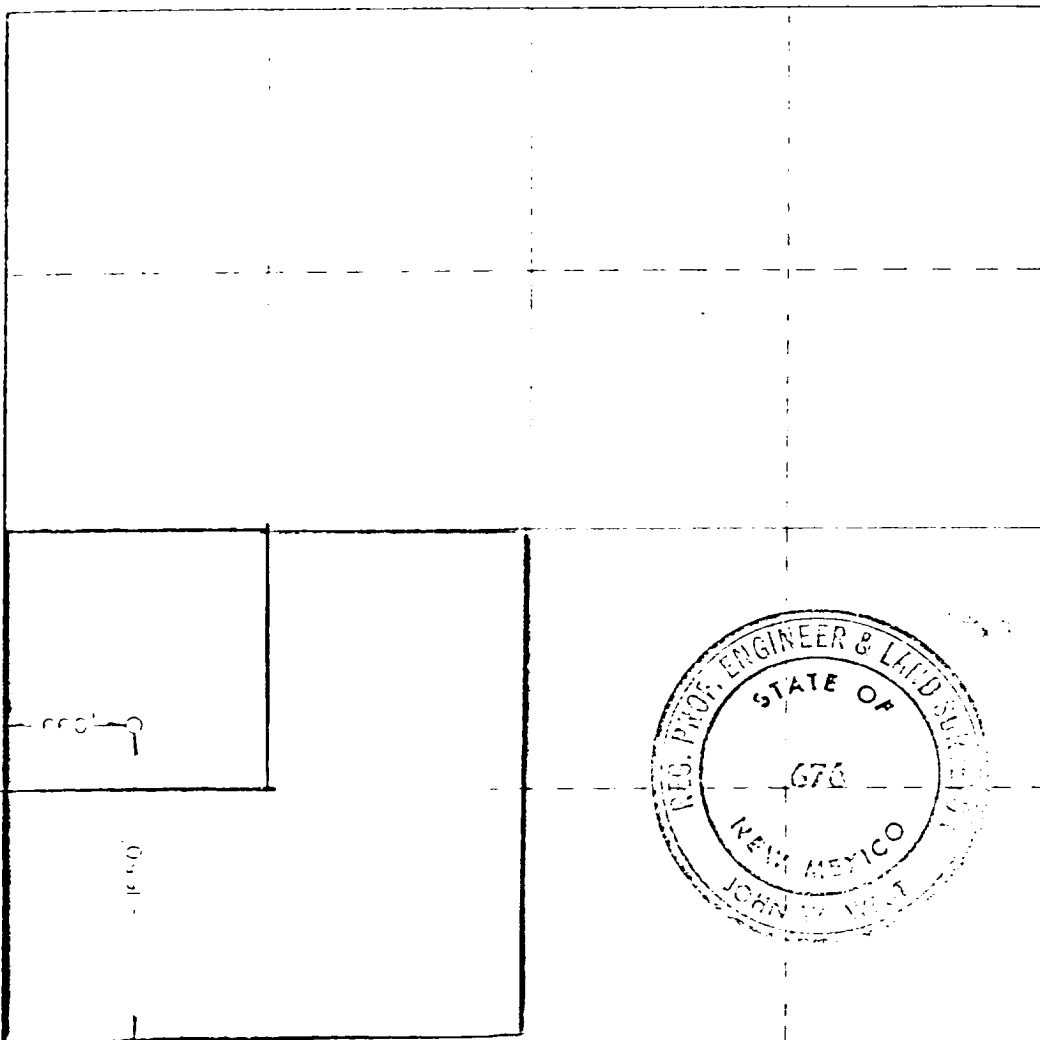
Stevens Operating Co.			Hanagan Fed.		Well No. 3
Section	Range	Township	Range	County	
L	15	7 South	26 29 East	Chaves	
Acreage of Section					
1650		south		660	
feet from the		line and		feet from the west line	
3700.8'		Abo		Undesignated	
Dedicated Acreage:		160		Acres	

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 additional well be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, etc) otherwise 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

Name

Pat Thompson

Position

Production Coordinator

Company

Stevens Operating Corporation

Date

April 30, 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

4-13-82

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676
PATRICK A. ROMERO 6668
Ronald J. Eidson 3239

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
MAY 12 1982
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 well ☒ gas well ☐ other ☐

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: 1650 FSL, 660' FWL, Sec 15, 7S, 29E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

(other) Change Location

5. LEASE
NM 27634
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
HANAGAN FEDERAL
9. WELL NO.
3
10. FIELD OR WILDCAT NAME
Undesignated Abo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
26
Sec 15, T7S-R29E
12. COUNTY OR PARISH
Chaves
13. STATE
NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
3700.8'

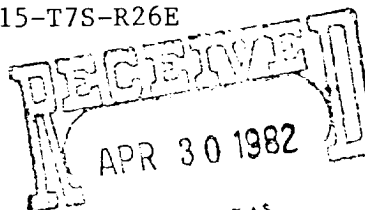
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 - 1980' FSL, 660' FWL, Sec 15-T7S-R26E

PROPOSED NEW LOCATION

1650' FSL, 660' FWL, Sec 15, T7S, R29E



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Paul Thompson TITLE Prod Coordinator DATE 4-30-82

(This space for Federal or State office use)

APPROVED BY (Orig. Sgd.) GEORGE H. STEWART TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-11
Superintendent O-118
Effective 1-1-75

All data on this plat must be from the master plat for use of the Section.

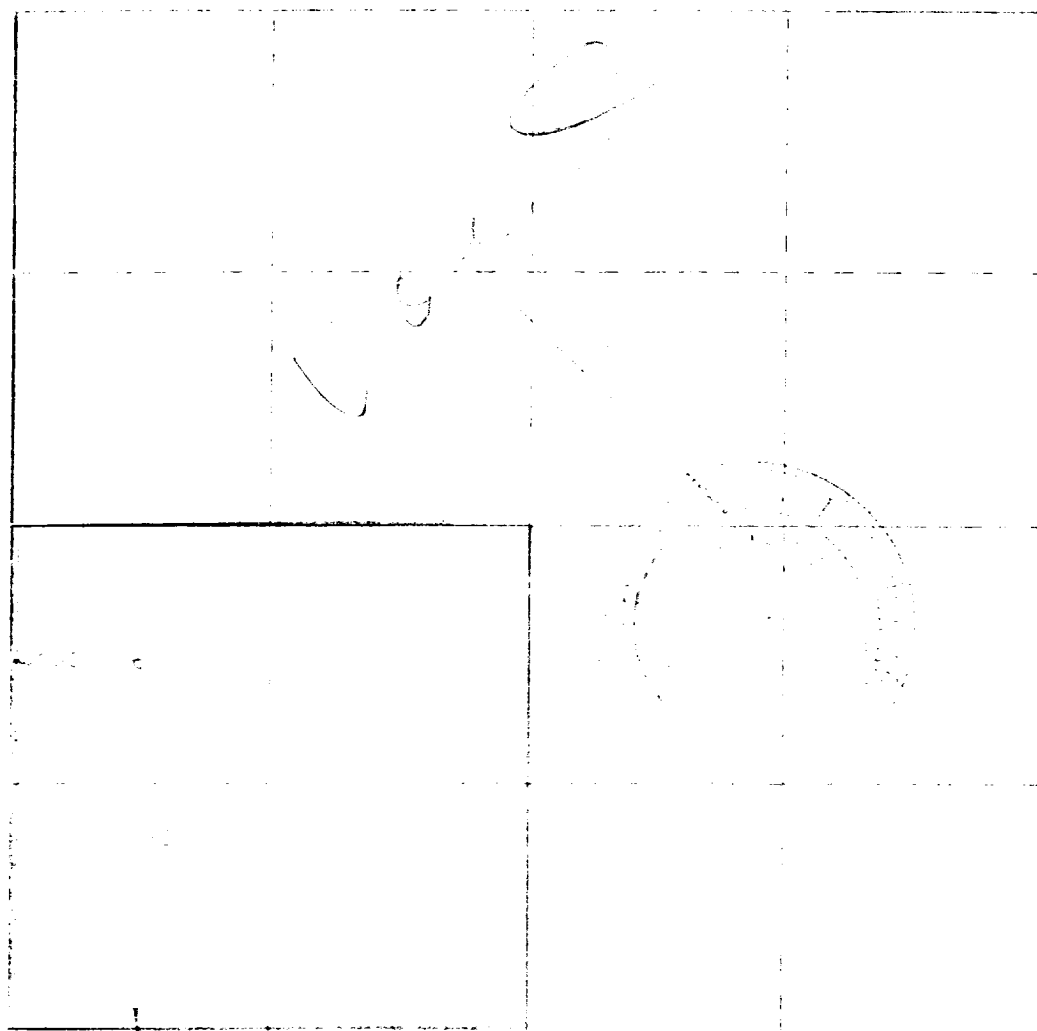
STEVENS OPERATING Co.		HANAGAN FED.		3	
L	15	7 SOUTH	26 EAST	CHAVES	
660	WEST	1980	SOUTH	Acre	
3699.0	Abo	Undesignated	Dedicated Acreage		160

- 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. If title will be assigned to the well until all interests have been consolidated by communitization, unitization, force-pooling, etc. 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

Production Coordinator

Stevens Operating Corporation

March 29, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys, or from an approved survey on file with the Commission, and that the same are true and correct to the best of my knowledge and belief.

1-1-82

[Signature]

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION
WELL #3 HANAGAN FEDERAL
1980' FSL & 660' FWL, SEC 15-T7S-R26E
CHAVES COUNTY, NEW MEXICO

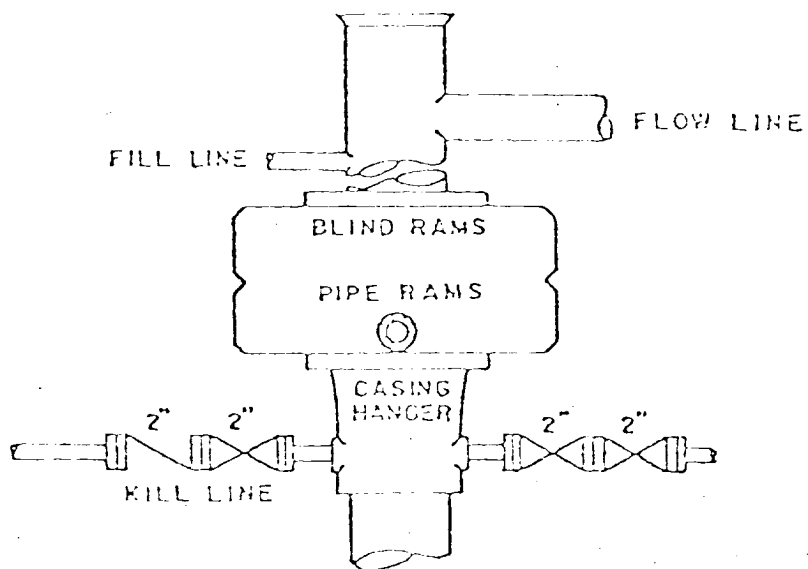
1. SURFACE FORMATION: Permian (Artesia Group).
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Queen	200'
San Andres	649'
Glorietts	1829'
Abo	3949'
3. ANTICIPATED POROSITY ZONES:

Water	150- 200'
Oil	1000-1500'
Gas	3950-4430'
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 - 4500'	10.5#	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:

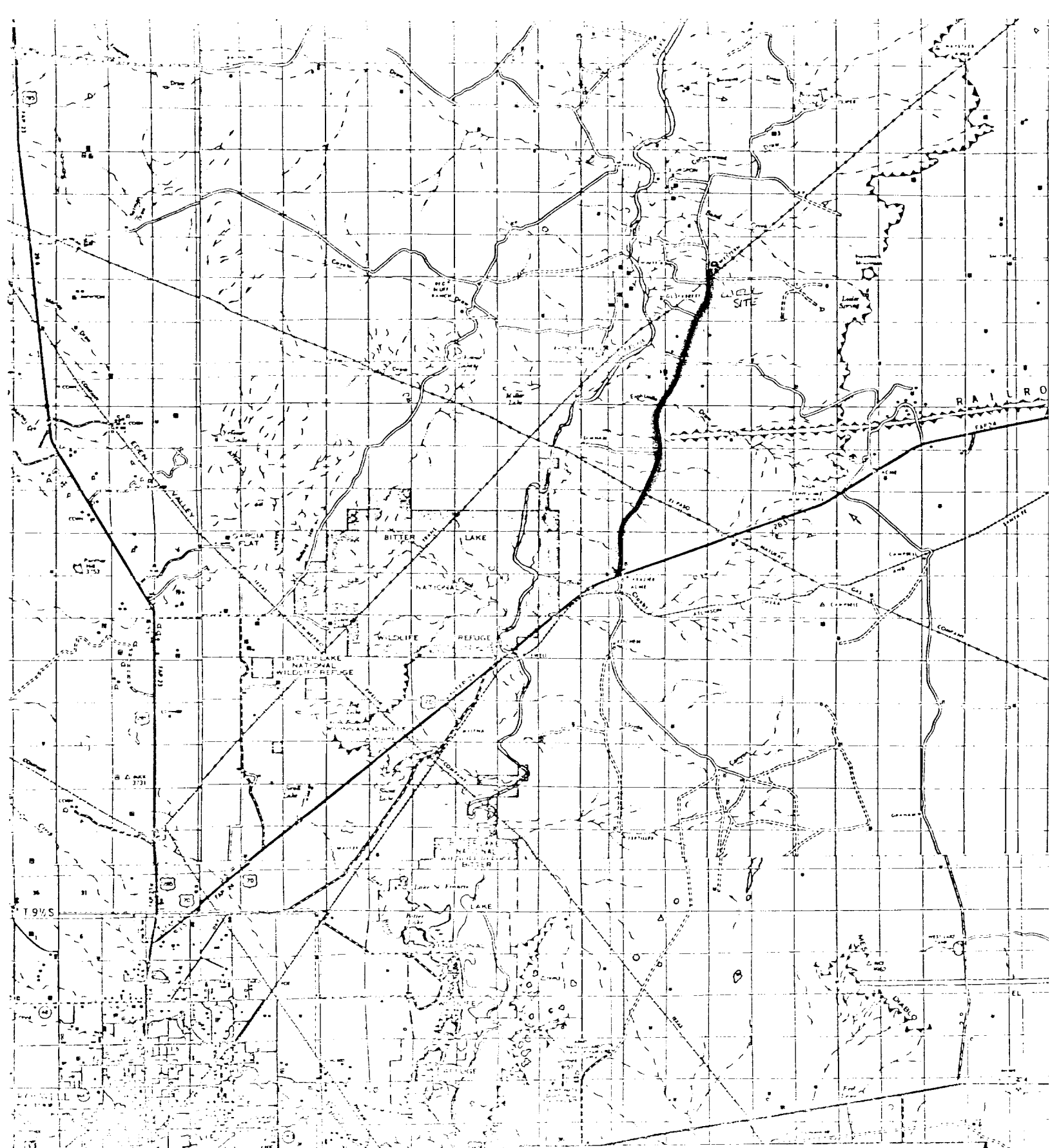
0 - 900	Fresh water with gel added if needed for viscosity.
900 - TD	Salt water conditioned as necessary for control of viscosity and water loss.
7. AUXILIARY EQUIPMENT: Drill string safety valve.
8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned.
Compensated Neutron-Formation Density s/Gamma Ray Log, 0-TD; Dual Laterolog, shoe to TD.
9. ABNORMAL PRESSURES, TEMPERATURES OR CASES: None anticipated.
10. ANTICIPATED DATES: It is planned that operations will commence about May 1, 1982. Duration of drilling and completion operations should be 20 to 60 days.

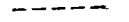


DUAL RAM-TYPE PREVENTER

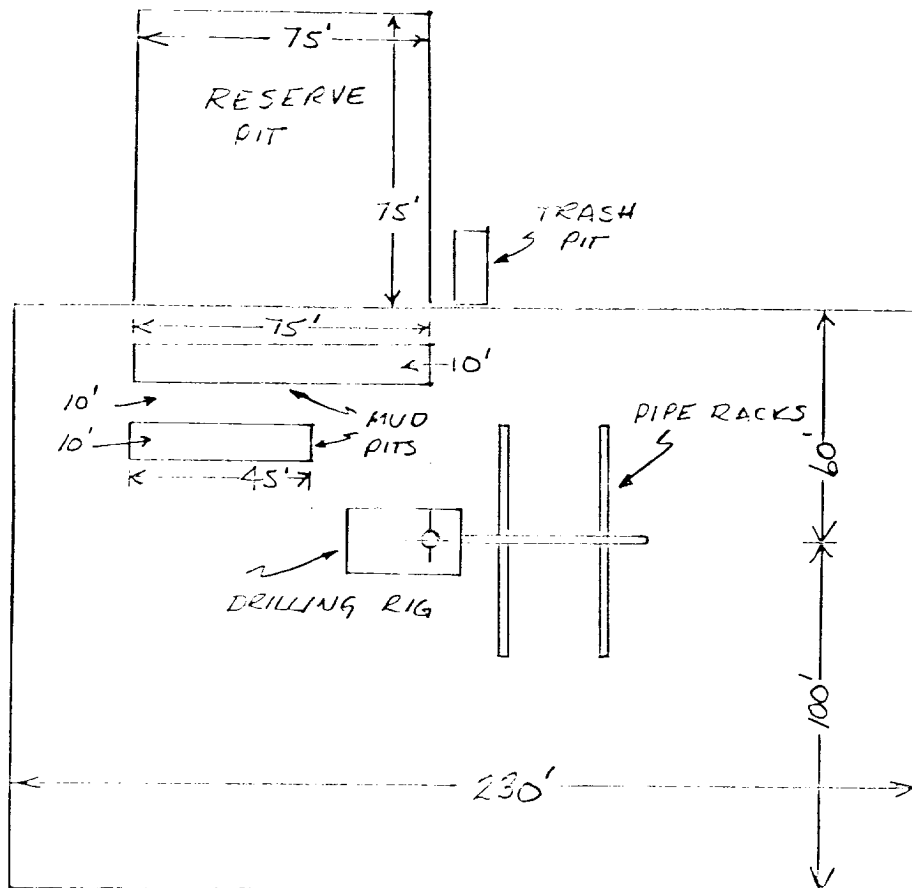
900 Series

Stevens Operating Corporation
 WELL #3 HANAGAN FEDERAL
 1980' FSL & 660' FWL, SEC 15-T7S-R26E
 Chaves County, New Mexico



County Road 
New Road 

SUPPLEMENTAL EXHIBIT "A"
COUNTY ROAD MAP
STEVENS OPERATING CORPORATION
WELL #3 HANAGAN FEDERAL
1980 FSL & 660 FWL, SEC 15-T7S-R26E
CHAVES COUNTY, NEW MEXICO



SUPPLEMENTAL EXHIBIT "D"

SKETCH OF WELL PAD

STEVENS OPERATING CORPORATION
WELL #3 HANACAN FEDERAL

1980' FSL & 660' FWL, SEC 15-T7S-R26E
CHAVES COUNTY, NEW MEXICO