

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

(Other Instructions on NM Oil Cons. Commission Form DD)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

Artesia, NM 88210

5. LEASE DESIGNATION AND SERIAL NO.

NM 27639

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 2408, Roswell, New Mexico 88202

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

At surface

660' FNL, 1980 FEL

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\*

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

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

16. NO. OF ACRES IN LEASE

679.44

19. PROPOSED DEPTH

6800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Cable Tool, Rotary

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

3993' GR

22. APPROX. DATE WORK WILL START\*

April 29, 1991

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#	300'	Circulate to surface
7 7/8"	5 1/2"	17#	6800'	Top of cmt @ 5150' ± 200' above top of Wolfcamp

Stevens Operating Corporation proposes to drill to a depth of 2200' ± with a Cable Tool Rig. The P1, P3 Slaughter Zone of San Andres will be tested and if commercial production is indicated, the well may be completed, or drilled with a Rotary to a depth of 6800'. All potential zones will be evaluated.

Exp Int  
1-38-96  
30-005-62849



Part ID-1  
5-18-91  
New hole  
+ API

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

Bel Turner

TITLE Production Supt.

DATE 04/05/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

S/Homer Meyer, Acting

TITLE

Area Manager

DATE APR 29 1991

CONDITIONS OF APPROVAL, IF ANY:

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUIVALENT RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Ariceo, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>Stevens Operating Company</b>			Lease <b>Goodman Federal</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>28</b>	Township <b>7 South</b>	Range <b>27 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>3993</b>	Producing Formation <b>Montoya</b>	Pool <b>Wildcat</b>		Dedicated Acreage: <b>320</b> 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

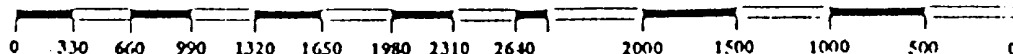
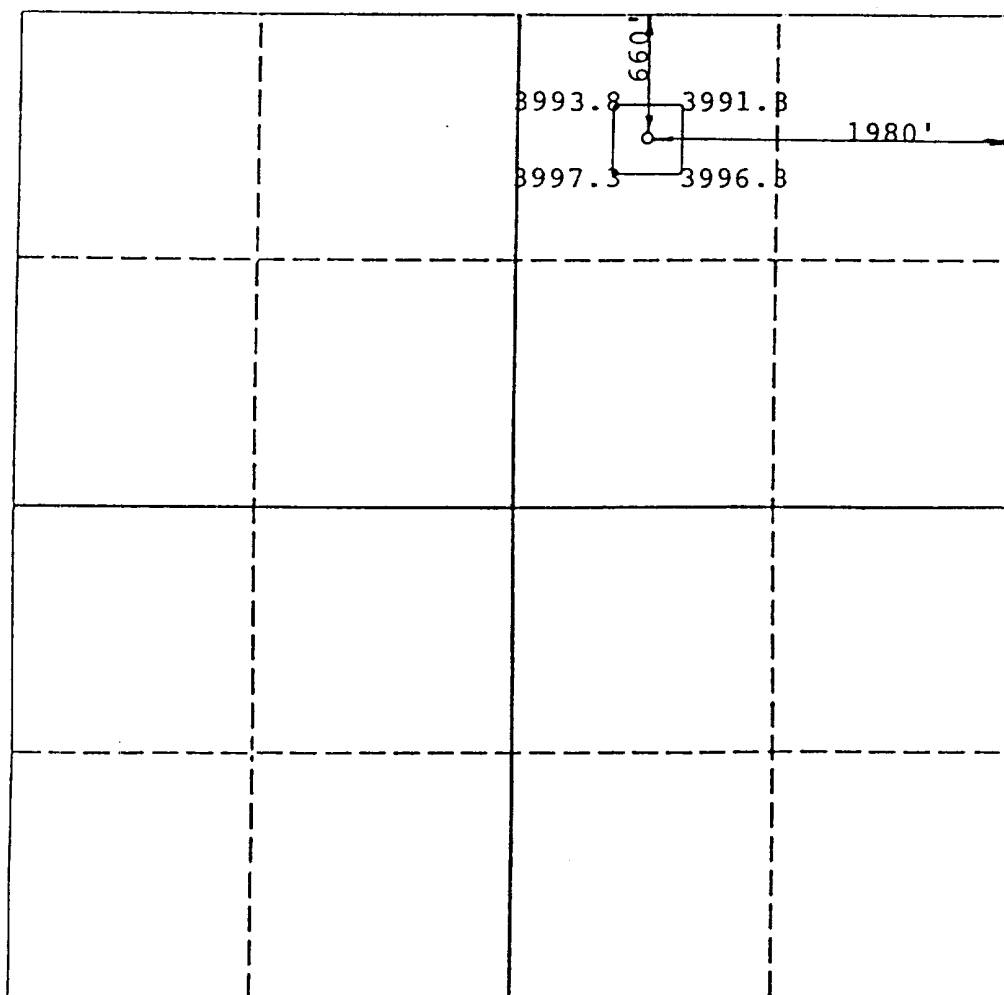
☐ Yes

☐ 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 interest, has been approved by the Division.



### OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Robert C. Farmer

Printed Name

Production Superintendent

Position

Stevens Operating Corp.

Company

03/28/91

Date

### SURVEYOR CERTIFICATION

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.

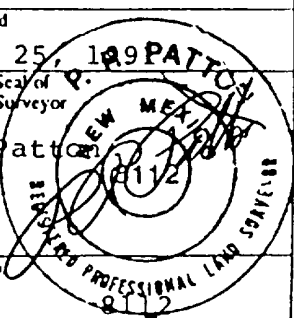
Date Surveyed

March 25, 1991

Signature & Seal of Professional Surveyor

P.R. Patton

Certificate No.



SURFACE USE PLAN  
FOR  
DRILLING, COMPLETING AND PRODUCTION  
STEVENS OPERATING CORPORATION  
Well #1 Goodman Federal  
660' FNL, 1980 FEL, Sec. 28, T-7S, R-27E  
Chaves County, New Mexico

LOCATED: 19.0 miles North-east of Roswell, NM

FEDERAL LEASE NUMBER: NM 27639

LEASE ISSUED: May 1, 1981

RECORD LESSEE: Stevens Oil Company

OPERATOR'S AUTHORITY: Designation of Operator from Lessee

BOND COVERGE: Donald G. Stevens Statewide Bond

ACRES IN LEASE: 679.44

SURFACE OWNERSHIP: U.S.A.

WELL SPACING: 320 acre spacing

EXHIBITS:

- A. Portion of Chaves County Road Map
- B. Portion of Haystack Mountain Topo Map
- C. Portion of U.S.G.S. Lease Map No. 80
- D. Sketch of Well Layout
- E. Surface Agreement

# SUPPLEMENTAL DRILLING DATA

## STEVENS OPERATING CORPORATION

Well #1 Goodman Federal  
660' FNL, 1980' FEL, Sec. 28, T-7S, R-27E  
Chaves County, New Mexico

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

San Andres	1350'
Glorieta	2525'
Tubbs	3950'
Abo	4700'
Wolfcamp	5350'
Mississippi	6400'
Montoya	6600'
3. ANTICIPATED POROSITY ZONES:

Oil	6650' - 6800'
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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' - 300'	24.0#	J-55	LTC	New
5 1/2"	0' - 6800'	17.0#	J-55	LTC	New
5. SURFACE CONTROL EQUIPMENT: A double Ram-type preventer. A sketch of BOP is attached.
6. CIRCULATING MEDIUM:

0' - 4450'	Fresh water mud.
4450' - 6800'	Salt water mud, conditioned as necessary for control of viscosity and water.
7. AUXILIARY EQUIPMENT: Drill string safety valve.
8. TESTING, LOGGING, AND CORING PROGRAMS: Coring and testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log. 0-TD Dual Lateral Log Shoe to TD.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED DATES: It is planned that drilling operations will commence about April 30, 1991. Duration of drilling and completion operations should be 120 days to a depth of 2200'.

## Road Log to the Goodman Federal #1

Starting Point is 17 miles Northeast of the Intersection of Hwy 70 & Hwy 280 on Hwy 70. This point is at mile post 359.

- 0.0 Turn left (North) on Ranch Road and proceed in Northerly direction for a total of 4.48 miles.
- 4.48 Turn right (Southeast) and proceed for 1.32 miles to the Goodman Federal #1 location.
- 5.80 Goodman Federal #1 drillsite.
1. Existing Road: Existing roads which lead to the proposed drillsite are shown on Exhibits "A" and "B". Existing road from road log 0 to 4.48 will be upgraded.
2. Proposed New Road: The access road will be constructed to conform with BLM standards.
3. Location of Existing Facilities: Existing wells in the vicinity of the proposed drillsite are shown on Exhibit "C".
4. Location of Proposed Facilities:
  - A. If the proposed well is productive, production and storage facilities will be located on the new well pad.
  - B. Gas and oil flowlines will be buried a minimum of 12" deep.
5. Location and Type of Water Supply:
  - A. Water for leasehold operations will be purchased from the nearest commercial source in Sec. 9, T-8S, R-27E.
6. Source of Construction Materials: Where possible, material-in-place will be used for construction of the road and well pad. If additional material is required, it will be obtained from the nearest commercial source, a state pit located in Sec. 7, T-7S, R-27E.
7. Method of Handling Waste Disposal:
  - A. Drill cuttings will be disposed of in the drilling pits.
  - B. Drilling fluids will be allowed to evaporate in the drilling pits until the pits are dry.
  - C. Water produced during test will be disposed of in the drilling pits until the pits are dry.

- D. Plastic Lining of the pits will be removed before reclaiming the pit area.
- 8. Ancillary Facilities: None anticipated.
- 9. Wellsite Layout:
  - A. The wellsite diagram is for the Rotary Rig. The Cable Tool Drilling Pit will be within the confine of the area marked for pits.
  - B. The dimensions and relative location of the drill pad, mud pit and trash pit with respect to the well bore are shown on Exhibit "D".
  - C. The existing well pad is level. Four inches of top soil will be removed from the surface and stockpiled on the southwest corner of location. Four inches of cliche will be used for surfacing of location.
- 10. Plans for Restoration of the Surface:
  - A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible.
- 11. Other Information:
  - A. Topography: The wellsite evaluation is 3993' GR.
  - B. Soil: Top soil is sandy and gypie loam.
  - C. Flora & Fauna: The vicinity surrounding the drillsite is semiarid desert ranchland. Flora consists primarily of mesquite and range grasses interspersed with other desert plants. Fauna for this type of habitat includes rabbits, lizards, snakes, rodents, skunks, coyotes, dove, and quail.
  - D. Ponds and Streams: The closed source of permanent water would be the Pecos River, approximately 6 miles to the West.
  - E. Residences and Other Structures: Nearest occupied dwelling is 2.0 miles to the East.
  - F. Archaeological, Historical and Other Cultural Sites: The site has been inspected by a team from Eastern New Mexico State University. They have recommended that drilling operation be authorized.

- G. Land Use: Grazing and occasional hunting.
- H. Surface Owner: Smith Ranch (Philip Peed).
12. Operator's Representative: Representative responsible for assuring compliance with the approved Surface Use Plan:

Bob Farmer  
Production Superintendent  
1250 United New Mexico Plaza  
Roswell, New Mexico 88201  
Office Phone: (505) 622-7273  
Home Phone: (505) 625-9376

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge true and correct; and, that the work associated with the operations proposed herein will be performed by STEVENS OPERATING CORPORATION and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date

4-5-91

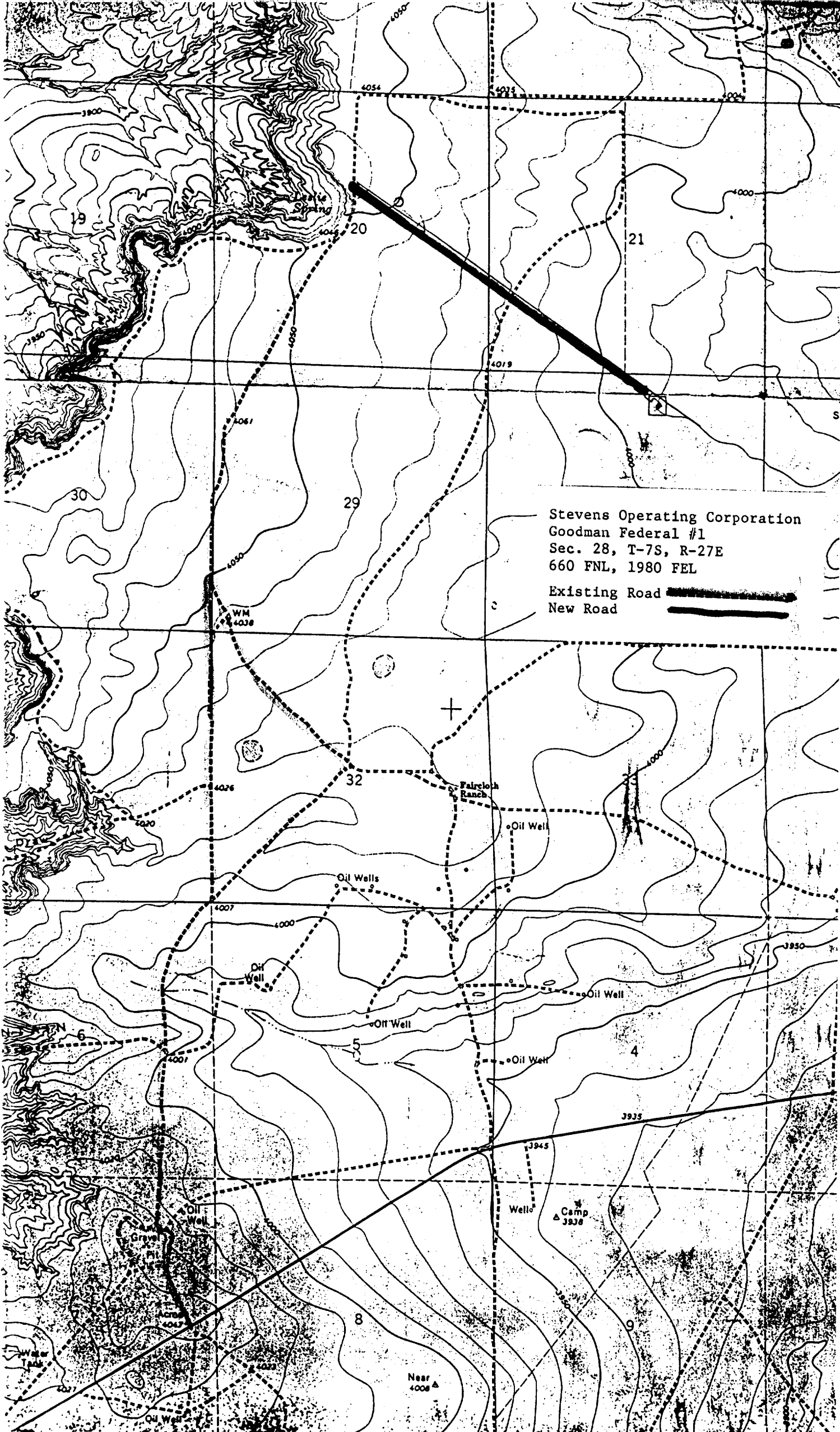
Bob Farmer



Bob Farmer  
STEVENS OPERATING CORPORATION

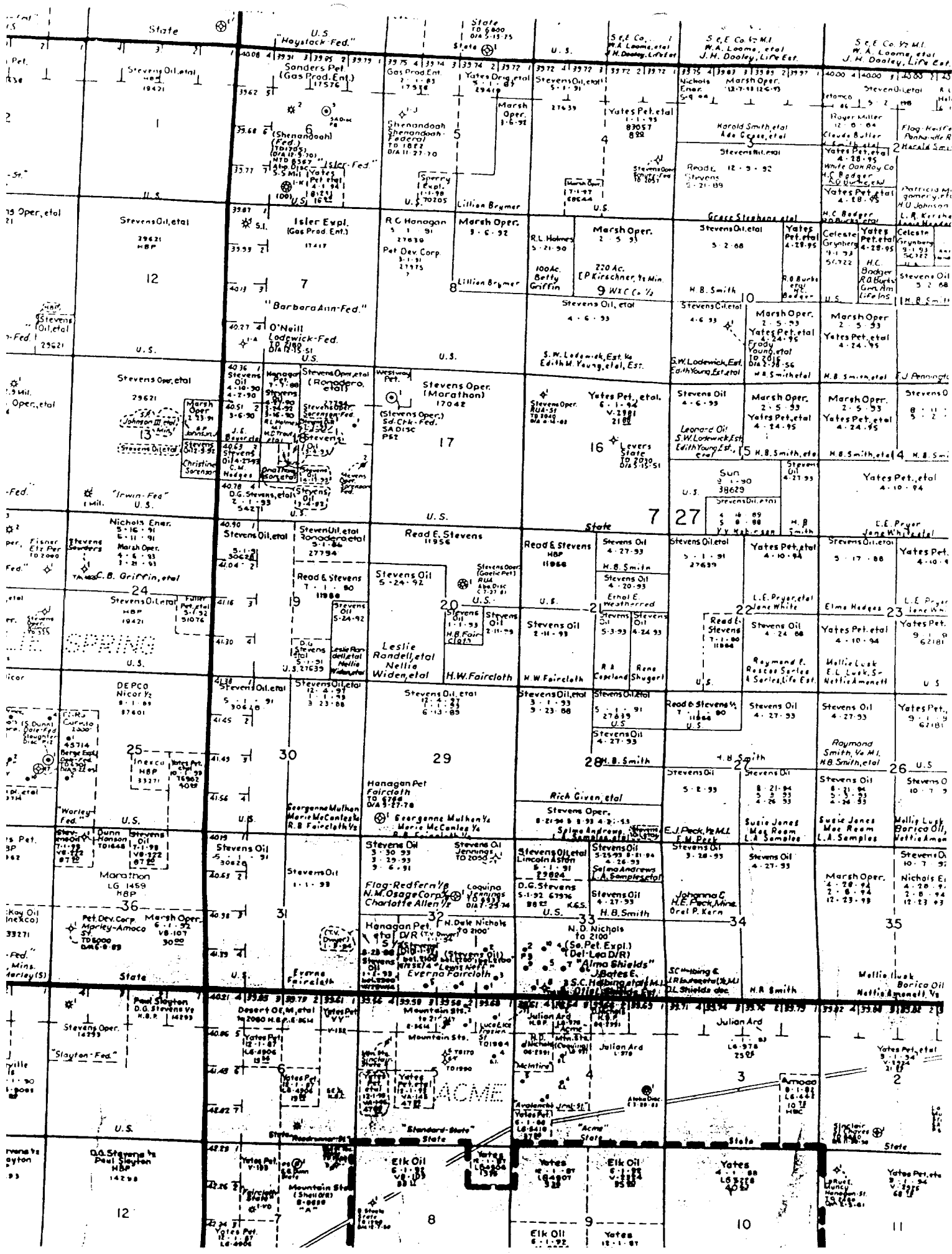
Stevens Operating Corporation  
Goodman Federal #1  
Sec. 28, T-7S, R-27E  
660 FNL, 1980 FEL

Existing Road =====  
New Road [thick black line]





Stevens Operating Corporation  
Goodman Federal #1  
Sec. 28, T-7S, R-27E  
660 FNL, 1980 FEL  
Existing Road   
New Road 

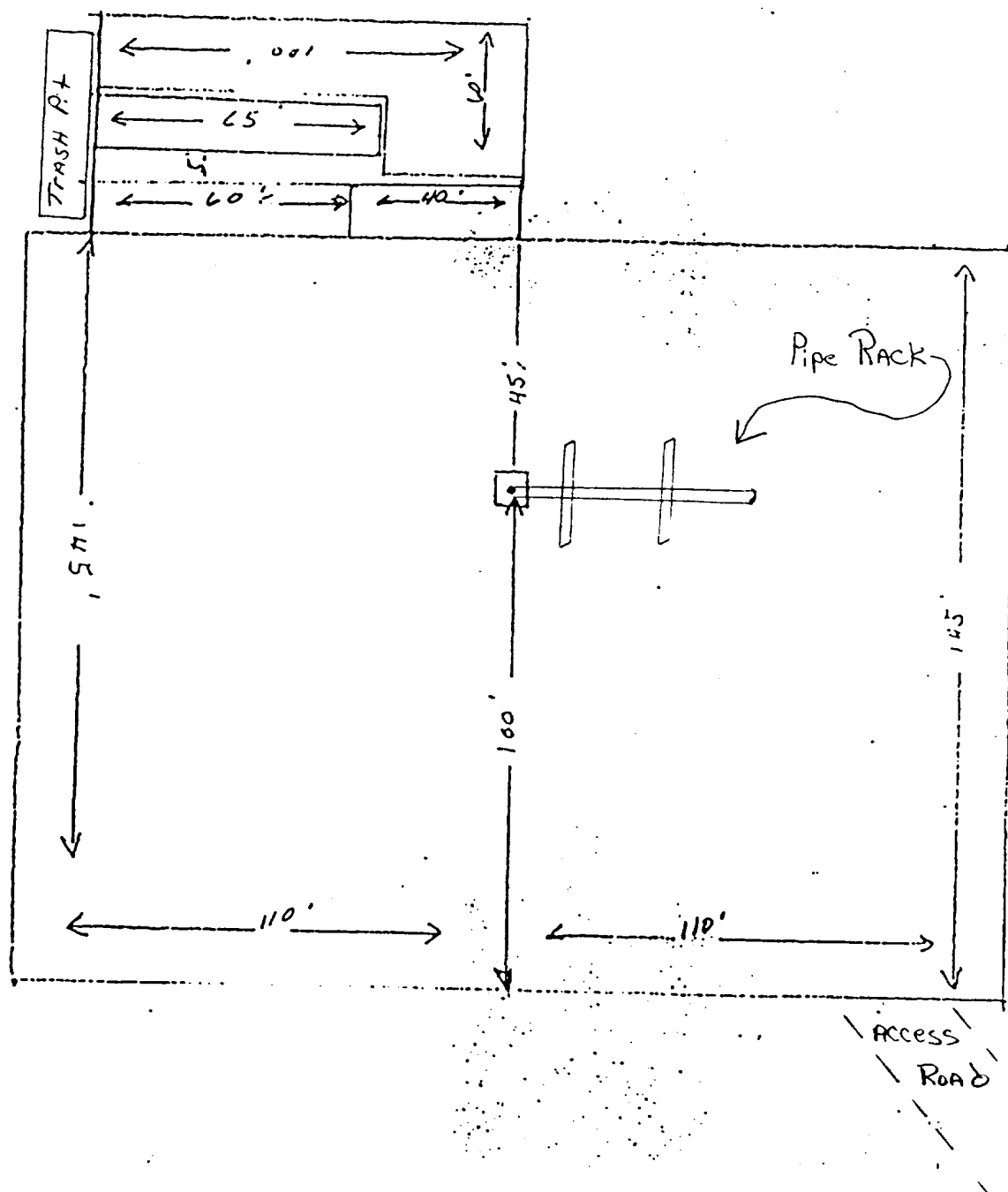


# PLAT FOR PIT LOCATION FOR ARTESIA FISHING TOOL

Rigs #1 & #2; L & M DRILLING #2 and LARUE

DRILLING #2

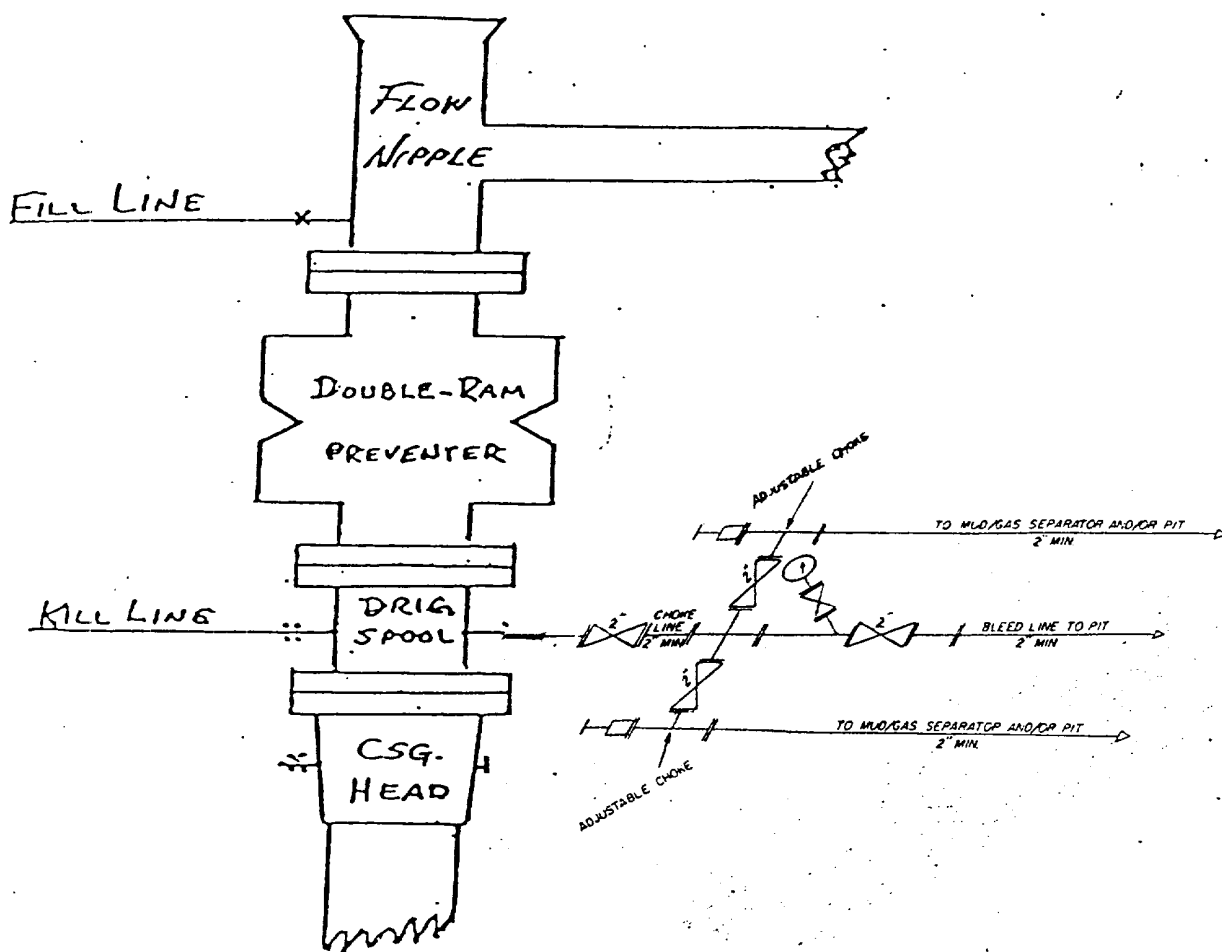
Stevens Operating Corporation  
Goodman Federal #1  
Sec. 28, T-7S, R-27E  
660 FNL, 1980 FEL



# B O P & CHOKE MANIFOLD

SERIES 900

USED AS 2M SYSTEM (2000 PSI W.P.)



SURFACE AGREEMENT FOR - SEC. 28, T-7S, R-27E

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

Surface:	Smith Ranch (Philip Peed)
Minerals:	U. S. Government
Oil & Gas Leases:	Stevens Oil Company
Designation of Operator:	Stevens Operating Corporation


  
\_\_\_\_\_  
Bob Farmer  
STEVENS OPERATING CORPORATION

EXHIBIT "E"