

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

30-005-61101

5. LEASE DESIGNATION AND SERIAL NO.

NA-14293

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SLAYTON FEDERAL

9. WELL NO.

1

10. FIELD AND TOOL, OR A BOAT

Wildcat

11. SEC., T. R., S. &amp; R. AND SURVEY OR ADJ.

1-8S-26E

12. COUNTY OR PARISH 13. STATE

Chaves

N. M.

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL ☐GAS ☒OTHER ☐SINGLE ☒MULTIPLE ☐

2. NAME OF OPERATOR

STEVENS OPERATING CORP. ✓

(Phone 505-622-7273)

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' FNL &amp; 660' FWL of Sec. 1-8S-26E

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR P.O. OFFICE

22 air miles northeast of Roswell, N. M.

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

660'

(Also to nearest dist. right line, if well)

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL DRILLING, COMPLETION,

OR ABANDONED FOR THIS LEASE, FT.

NA

21. ESTIMATIONS (Show whether IN, EX, GR, etc.)

3854 G.L.

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#	1050'	Sufficient to circulate
7 7/8"	4 1/2"	10.5#	5000'	Circulate to 3800'

Well will be drilled to the Abo porosity zone and all potential pay zones will be evaluated. If commercial production is indicated, well will be selectively perforated and stimulated.

Attached are:

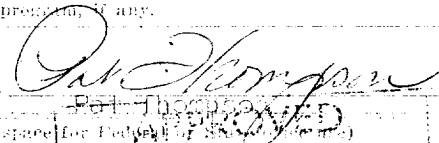
1. Well Location and Acreage Dedication Plan
2. Supplemental Drilling Data
3. Surface Use Plan

Gas for this acreage 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 depth. Give blowout prevention program, if any.

24.

SIGNED



TITLE Production Clerk

DATE 7-17-81

(This space for Review of State)

(See 24) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

See Instructions, On Reverse Side

WELL LOCATION AND ACREAGE DEDICATION PLAT

Oil & Gas  
Leasehold  
Interest

Acres of land in the Section of the Township of the County of the State of

STEVENS OPERATING CORP.

Stanton Federal

1

Section

25 East

Charis

800 North

660

West

Abo

Wildcat

160

Federal Oil & Gas Lease NM-14293 is the only lease involved.

If there are any other leases involved in the well, outline each and identify the ownership thereof (state the owner's name and address).

If there are any other leases involved in the well, have the interests of all owners been consolidated in the consolidation, and if so, state the name of the consolidator.

Yes ☐ No ☒ If consolidated by all owners of consolidated

If there is a well that the owners and acreage descriptions which have actually been consolidated, it is hereby certified that the same have been consolidated.

If there are any other leases involved in the well and if all interests have been consolidated, the consolidation is hereby approved, and if there are any other leases involved in the well, the consolidation is hereby approved.

CERTIFICATION

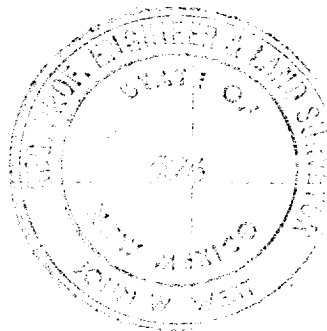
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*James A. Knut*  
James A. Knut

Agent

STEVENS OPERATING CORP.

July 17, 1981



I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made in accordance with the laws of the State of New Mexico, and that the same is true and correct to the best of my knowledge and belief.

June 15, 1981

State Engineer & Land Surveyor

*John W. Smith*  
John W. Smith

State Engineer & Land Surveyor

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORP.  
WELL #1 SLAYTON FEDERAL  
660' FNL & 660' FNL SEC. 1-8S-26E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Triassic.

2. ESTIMATED TOPS OF GEOLOGIC FORMERS:

Yates	100'	Glorietta	2250'
Queen	600'	Abo	4400'
San Andres	1050'	Wolfcamp	5100'

3. ANTICIPATED POROSITY ZONES:

Water	150 - 200'
Oil	1600 - 1700'
Gas	4550 - 4800'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint	Condition
8 5/8"	0 - 1050'	24.0#	K-55	STC	New
4 1/2"	0 - 5000'	9.5#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram-type preventer (600 series).  
A sketch of BOP stack is attached.

6. CIRCULATING MEDIUM:

0 - 1050'	Fresh water mud with gel added if needed for viscosity.
1050 - 5000'	Salt water mud, conditioned as necessary for control of viscosity and water loss

7. AUXILIARY EQUIPMENT: Drill string safety valve.

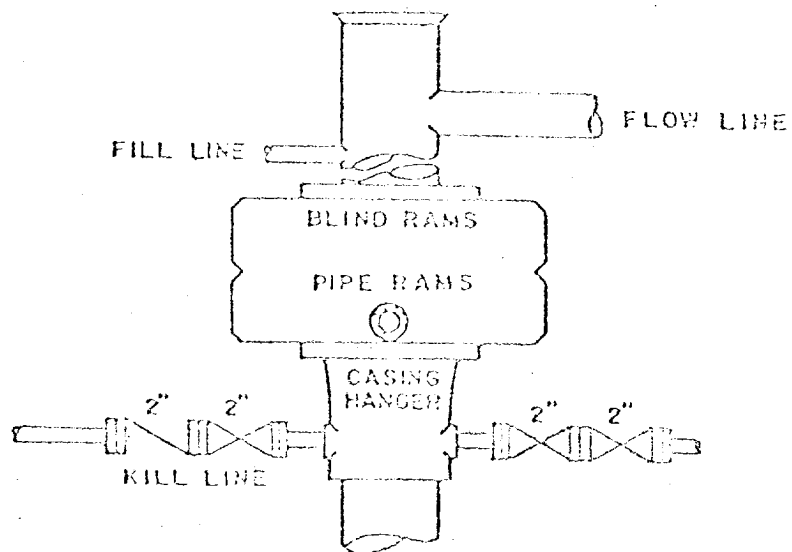
8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned.  
Compensated Neutron-Formation Density w/Gamma Ray Log, 0-TD; Dual  
Laterolog, shoe to TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED DATES: It is planned that operations will commence about  
August 15, 1951. Duration of drilling and completion operations  
should be 20 to 60 days.

BLOWOUT PREVENTER SKETCH

STEVENS OPERATING CORP.  
WELL #1 SLAYTON FEDERAL  
660' FHL & 660' FWL SEC. 1-8S-26E

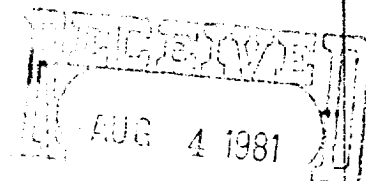


DUAL RAM-TYPE PREVENTER

SURFACE USE PLAN

FOR

DRILLING, COMPLETING AND PRODUCING



STEVENS OPERATING CORP.  
WELL #1 SLAYTON FEDERAL  
660' ENL & 660' FWL SEC. 1-8S-26E  
CHAVES COUNTY, NEW MEXICO

LOCATED: 22 air miles northeast of Roswell, New Mexico.

FEDERAL LEASE NUMBER: NM-14293

LEASE ISSUED: 9-1-71 for a primary term of 10 years. Lease is due to expire 8-31-81 absent production or diligent drilling operations.

RECORD LESSEE: Paul Slayton

OPERATOR'S AUTHORITY: Designation of Operator from lessee.

BOND COVERAGE: Paul Slayton's \$25,000 State-wide bond.

ACRES IN LEASE: 2520

SURFACE OWNERSHIP: Federal

GRAZING PERMITTEE: Marley Ranch, Ltd.  
Route #2, Box 153-E, Roswell, New Mexico 88201

WELL SPACING: Wildcat. (160-acre spacing for Abo gas.)

EXHIBITS:

- A. Portion of Chaves County Road Map.
- B. Portions of Eightmile Draw & Haystack Mountain Topo Maps.
- C. Portions of USGS Lease Maps Nos. 80 & 81.
- D. Sketch of Well Pad.

ROAD LOG TO PROPOSED DRILLSITE

37.1  
5.5  
32.6

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 5.54 miles to a cattleguard.
- 5.54 Before crossing cattleguard, turn right (east) and proceed on an old ranch road in an easterly direction for a distance of 1.73 miles to a fork in the road. (At mileage 7.19, route goes through gate in N-S fence.)
- 7.27 Turn right (southeast) and proceed on old ranch road in a southeasterly and southerly direction for a distance of 1.83 miles. (At mileage 8.37, route goes through gate in E-W fence. At mileage 9.04, route crosses arroyo.)
- 9.10 New road will begin at this point. Turn right (west) and proceed in a west-southwesterly direction for a distance of 0.25 mile to the southeast corner of well pad.
- 9.35 PROPOSED DRILLSITE. (Well #1 Slayton Federal).

32.9  
1.7  
34.6

THIRTEEN POINT PROGRAM

1. EXISTING ROADS: Existing roads, which lead to the proposed drillsite, are shown on Exhibits "A" & "B".
2. PROPOSED NEW ROAD: Proposed new access road will be 0.25 mile in length. The proposed route, which will originate at mileage 9.10 on the road log and terminate at the southeast corner of the proposed well pad, is shown on Exhibit "B". The proposed location of this new road has been staked and flagged in the field.
  - A. Width: 12 feet with 20 feet R-O-W.
  - B. Surfacing Material: The new road will be surfaced with caliche, gravel, or other appropriate material.
  - C. Maximum Grade: Less than one percent.

- D. Turnouts: One at the northeast end of the new road and one about halfway from either end of the new road.
  - E. Culverts: None necessary.
  - F. Gates, Cattleguards: None necessary.
3. LOCATION OF EXISTING WELLS:
- A. Existing wells in the vicinity of the proposed drillsite are shown on Exhibit "C".
4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:
- A. There are no production facilities on the leasehold.
  - B. If the well is productive, production and storage facilities will be located on the well pad.
5. LOCATION AND TYPE OF WATER SUPPLY:
- A. It is not planned to drill a water supply well. Water for leasehold operations will be purchased from the nearest commercial source.
6. SOURCE OF CONSTRUCTION MATERIALS:
- A. Material for construction of the road and well pad will be obtained from a Federal pit located in the SE-SE 5-8S-26E or a Federal pit located in the SW-SE 15-7S-26E.
7. METHODS 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 tests will be disposed of in the drilling pits.
  - D. Oil produced during tests will be produced into temporary test tanks.
  - E. Trash, waste paper, garbage, and junk will be buried in a trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of the trash pit is shown on Exhibit "D".

- F. All trash and debris will be buried or removed from the wellsite within 30 days after finishing each drilling and/or completion operation.

8. ANCILLARY FACILITIES:

- A. None anticipated.

9. WELLSITE LAYOUT:

- A. The wellsite has been surveyed and a 400' x 400' area has been staked and flagged.
- 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. Except for leveling the mesquite hummocks, the well pad is nearly level and will hardly require any cut or fill.
- D. The well pad will be surfaced with caliche, gravel, or other appropriate material.

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 wellsite in as aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, all equipment, trash and junk will be removed and the location cleaned. Any special rehabilitation and/or revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible.

11. OTHER INFORMATION:

- A. Topography: The terrain of the drillsite area is nearly level except for 3-5' mesquite hummocks. Regional slope is to the west toward the Pecos River.
- B. Soil: Top soil is loamy sand.



- C. Flora and Fauna: The vicinity surrounding the drillsite is semi-arid desert rangeland. Vegetative cover is very sparse. Flora consists mainly of mesquite, broomweed and sage with very little grass. Only wildlife observed were doves, lizards and rabbits; however, fauna for this type of habitat also includes snakes, rodents, skunks, coyotes, quail and other small birds.
- D. Ponds and Streams: None. Six-mile Draw is 1/8 mile to the north. Pecos River is 5 miles to the west.
- E. Residences and Other Structures: Nearest occupied dwelling is 4 miles to the northwest. Nearest water well is 5/8 mile to the north.
- F. Archaeological, Historical and Other Cultural Sites: An archaeological reconnaissance of the well pad and new road area was made by New Mexico Archaeological Services, Inc. on 7-1-81 and no significant artifacts were observed.
- G. Land Use: Grazing and occasional hunting.

12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:

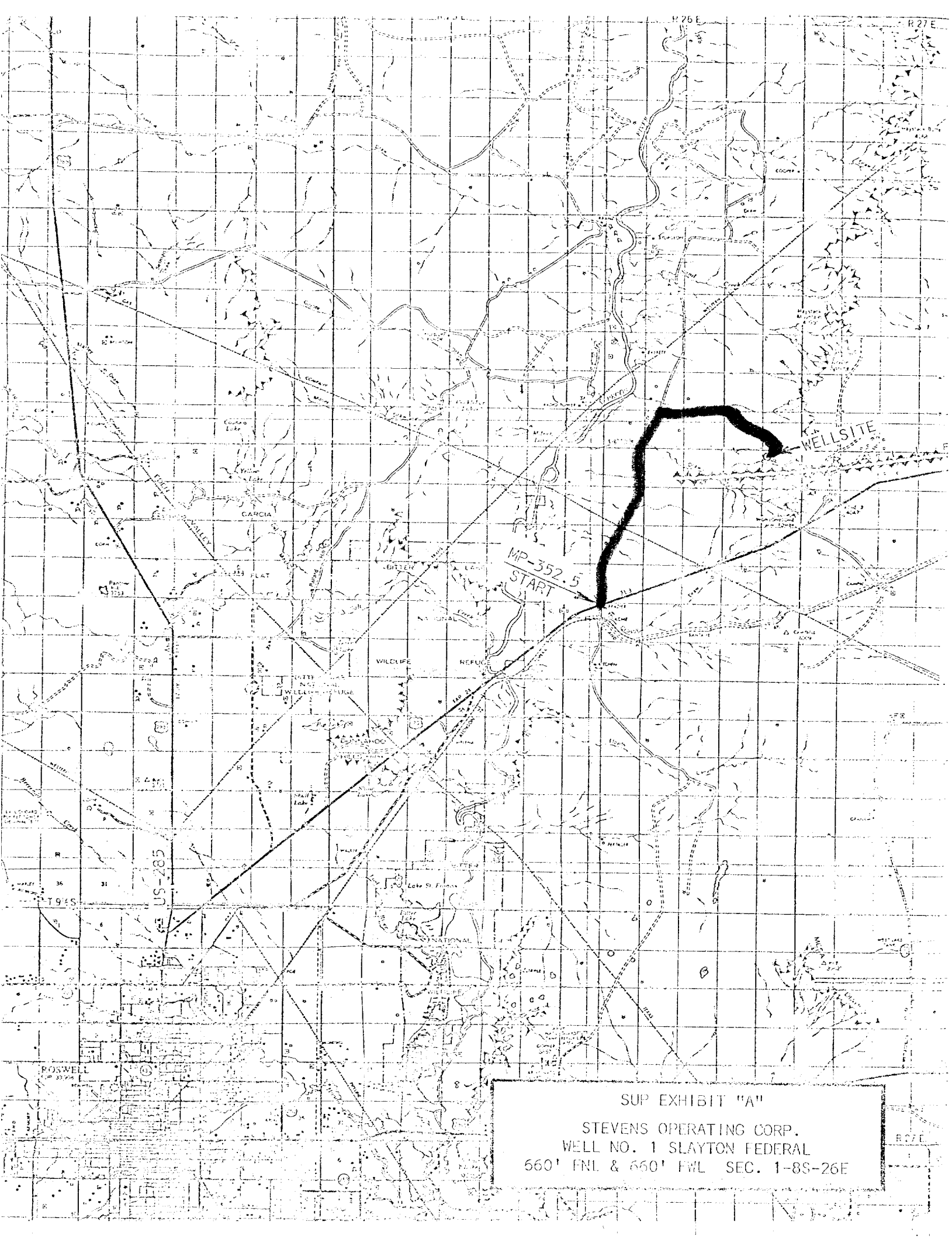
Pat Thompson  
Production Clerk  
118 W. First  
Roswell, New Mexico 88201  
Office phone 622-7273  
Home phone 622-1082

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 this 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 CORP. and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

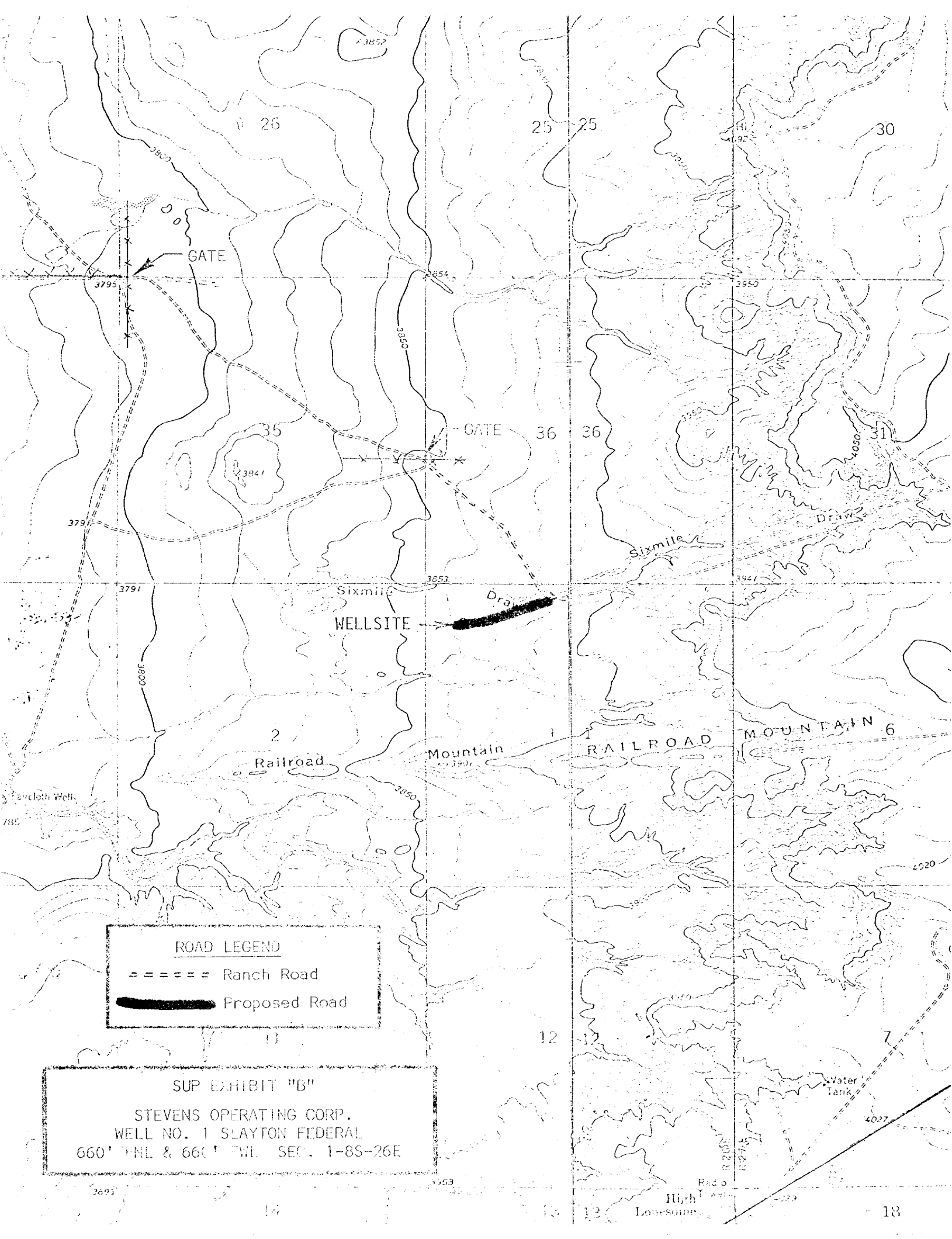
7-17-81  
Date

  
James A. Knut, Agent  
STEVENS OPERATING CORP.




SUP EXHIBIT "A"

STEVENS OPERATING CORP.  
WELL NO. 1 SLAYTON FEDERAL  
660' FNL & 660' FWL SEC. 1-8S-26E



ROAD LEGEND

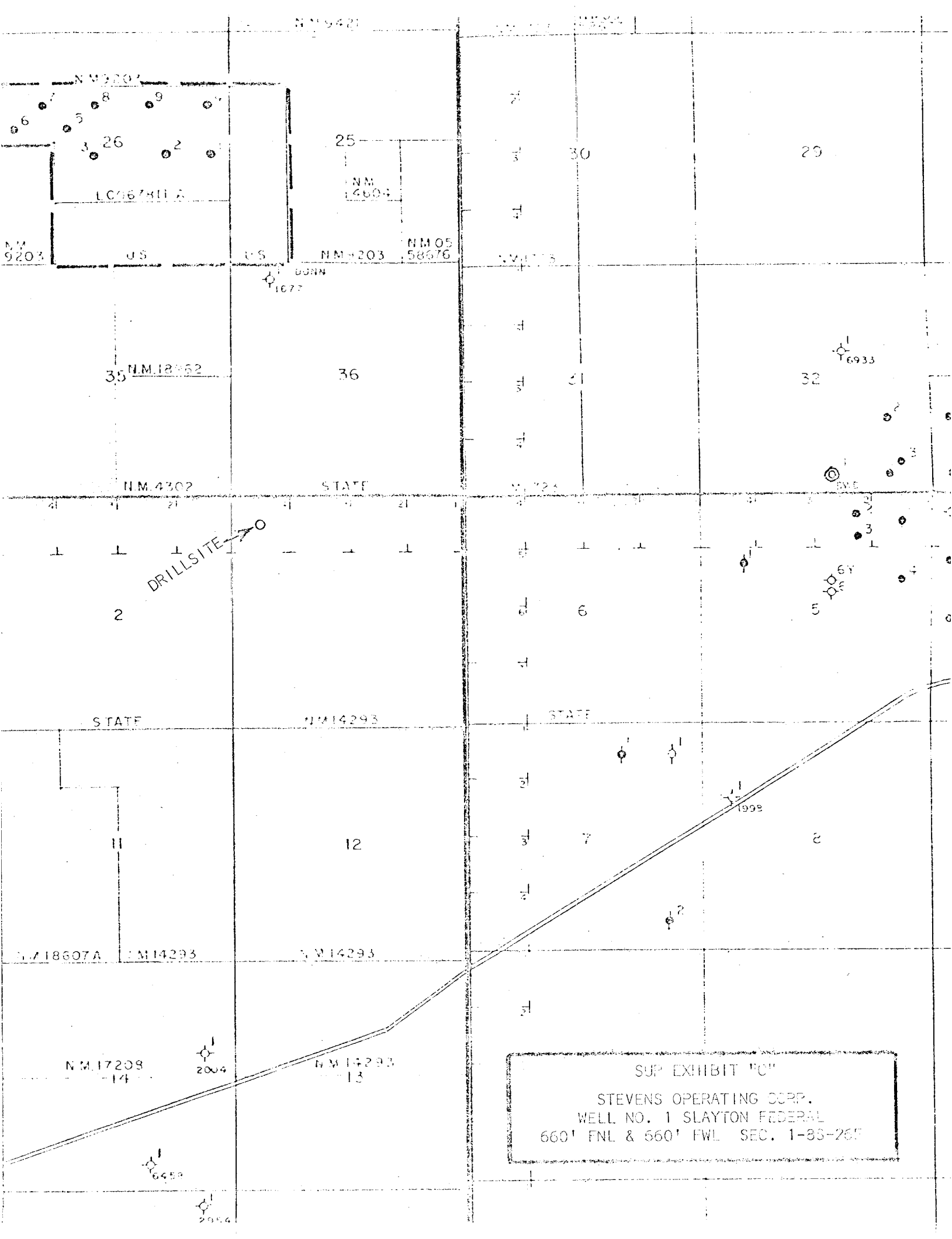
===== Ranch Road

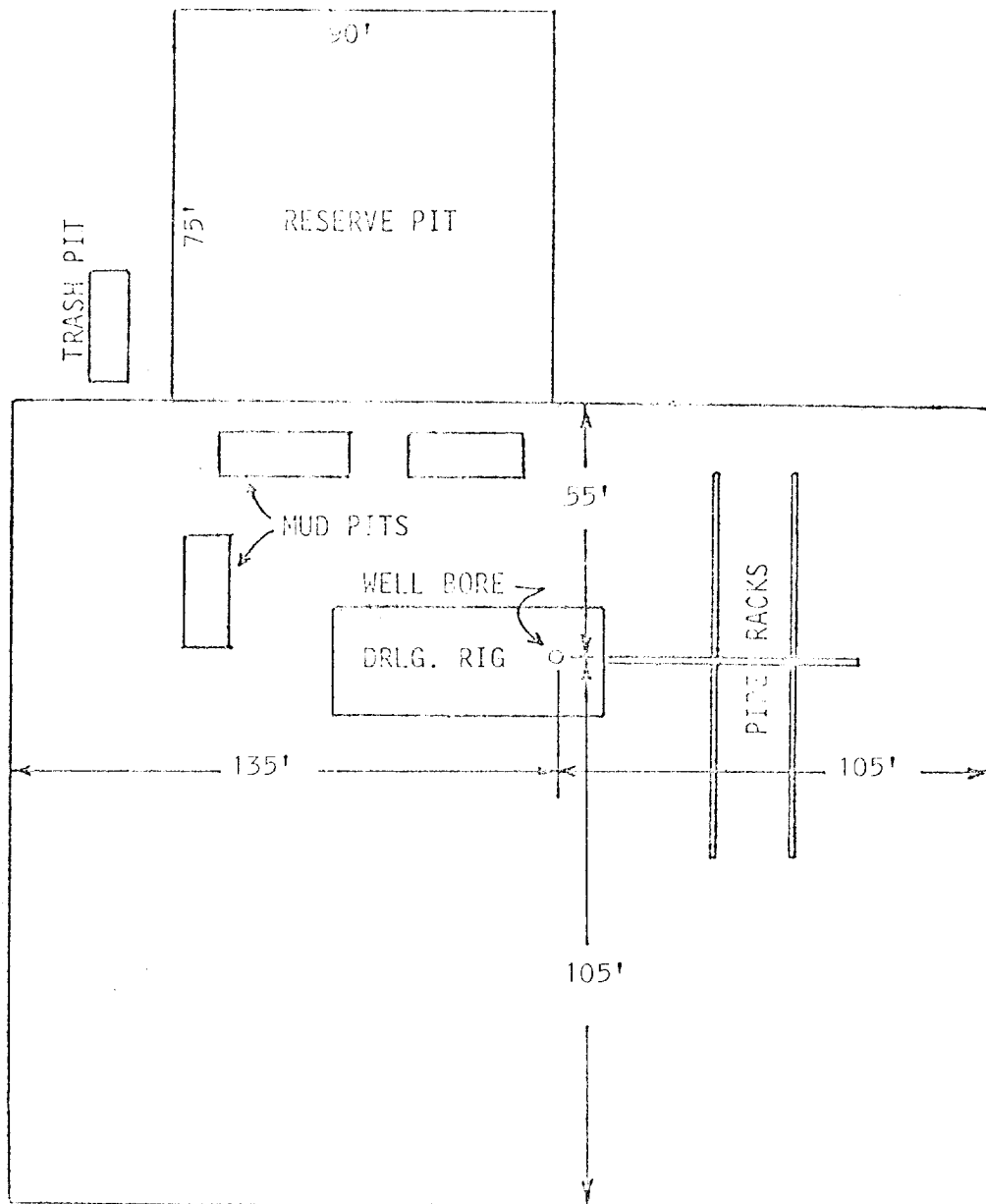
 Proposed Road

SUP EXHIBIT "B"

STEVENS OPERATING CORP.  
WELL NO. 1 SLAYTON FEDERAL  
660' FNL & 660' FWL SEC. 1-8S-26E

High  
Limestone





SUP EXHIBIT "D"

STEVENS OPERATING CORP.  
WELL NO. 1 SLAYTON FEDERAL  
660' FNL & 660' FWL SEC. 1-8S-26E