

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

(Other instructions on reverse side)

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

51-145-24-1

5. LEASE DESIGNATION AND SERIAL NO.  
**SF-078092**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Douthit "A" Federal**

9. WELL NO.  
**6**

10. FIELD AND POOL, OR WILDCAT  
**West Kutz Pictured Cliffs**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 27, T27N, R11W**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**NM**

1a. TYPE OF WORK  
**DRILL ☒ DEEPEN ☐ PLUG BACK ☐**

b. TYPE OF WELL  
**OIL WELL ☐ GAS WELL ☒ OTHER ☐**

2. NAME OF OPERATOR  
**GULF OIL CORPORATION**

3. ADDRESS OF OPERATOR  
**P. O. Box 670, Hobbs, New Mexico 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
**At surface 975 FNL & 840' FEL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**12 miles south of Bloomfield, New Mexico**

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
**160. 2560**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**160**

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

19. PROPOSED DEPTH  
**2100'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6413' GL**

22. APPROX. DATE WORK WILL START\*  
**August 19, 1980**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8"	7-5/8"	24#	90'	Circulated (approx 100 sx)
6 1/2"	2-7/8"	6.5#	2100'	Circulated (approx 500 sx)

Mud Program: 0' - 90'  
90' - 2100'

Fresh water spud mud  
Fresh water low solid mud with the following properties:  
Viscosity 32-37 sec., water loss 20-4 cc, weight 8.5 - 9.0 ppg.

Gas is not dedicated.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
REGULATORY REQUIREMENTS

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 R. C. Gaudin TITLE Area Production Manager DATE 9-16-1980

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 1-1-65

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

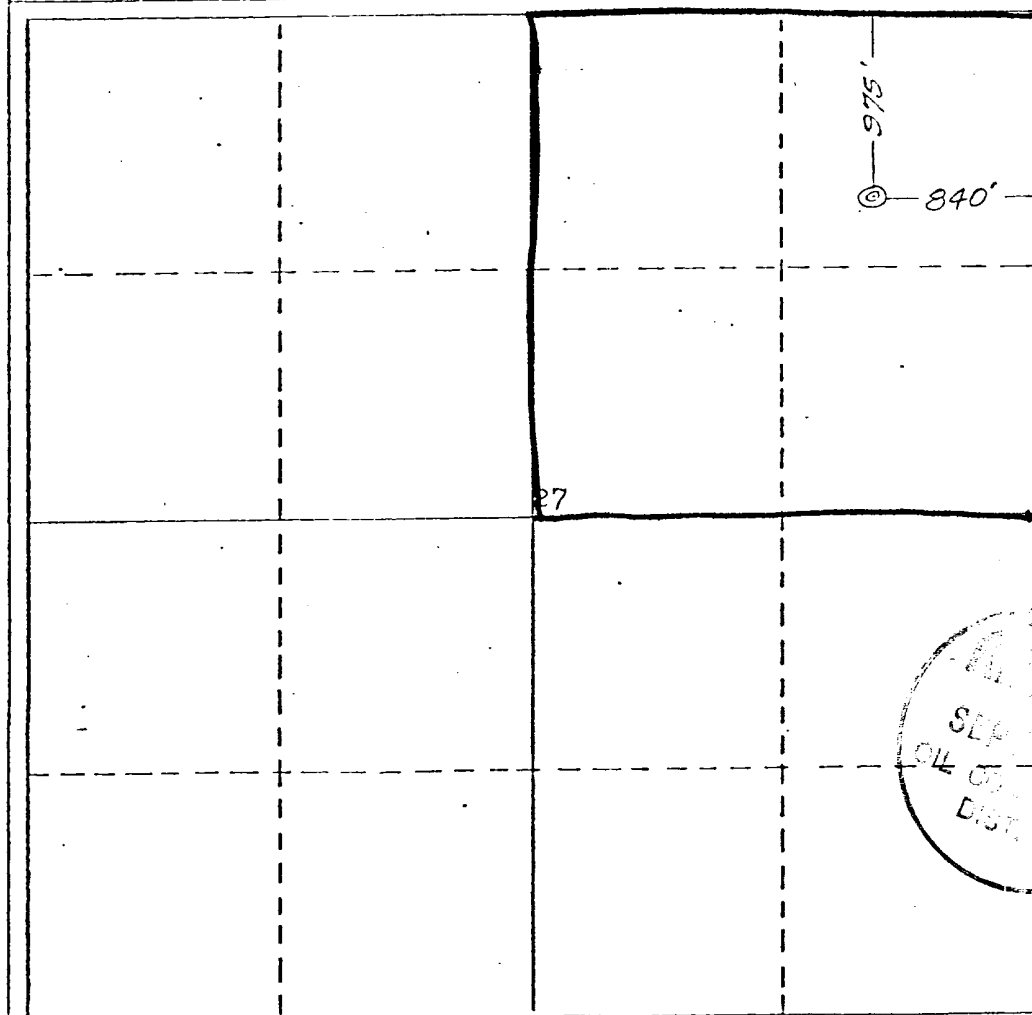
Operator <b>GULF OIL CORPORATION</b>		Lease <b>DOUTHIT A FEDERAL</b>		Well No. <b>6</b>
Unit Letter <b>A</b>	Section <b>27</b>	Township <b>27 NORTH</b>	Range <b>11 WEST</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>975</b> feet from the <b>NORTH</b> line and <b>840</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>6413</b>	Producing Formation <b>West Kutz</b>	Pool <b>West Kutz Pictured Cliffs</b>	Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*R. C. Anderson*

Name

R. C. Anderson

Position

Area Production Manager

Company

Gulf Oil Corporation

Date

July 24, 1980

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

June 28, 1980

Registered Professional Engineer  
and/or Land Surveyor*James P. Leese*  
James P. Leese

Certificate No.

1463

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOBBS AREA

July 24, 1980

P. O. Box 670  
Hobbs, NM 88240

U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Gentlemen:

The following is Gulf Oil Corporation's plan for surface restoration associated with the drilling of our Douthit "A" Federal Com #6 to be located 975' FNL and 840' FWL of Section 27, Township 27 North, Range 11 West, San Juan County, New Mexico.

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 to wellsite in as aesthetically pleasing condition as possible. Any unguarded pits containing fluids will be fenced until they are filled.

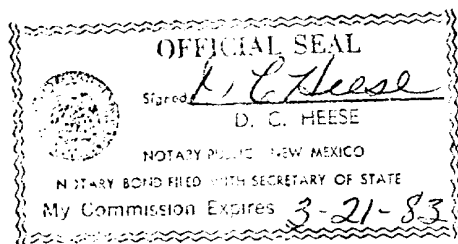
After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and the location will be cleaned. The pit area, well pad and all unneeded access roads will be ripped to promote revegetation. Rehabilitation should be accomplished within ninety (90) days after abandonment.

Yours very truly,

  
R. C. Anderson

RLV:tdp

Subscribed and sworn to before me this 28<sup>th</sup> day of July, 1980.



A DIVISION OF GULF OIL CORPORATION

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOEBS AREA

July 24, 1980

P. O. Box 670  
Hobbs, NM 88240

Re: Application for Permit to Drill  
Douthit "A" Federal Com #6  
San Juan County, New Mexico

U.S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Gentlemen:

We are submitting the information requested in NTL-6 which should accompany applications for permit to drill.

Well: Douthit "A" Federal Com #6

1. Location: 975' FNL & 840' FEL, Section 27, T27N, R11W, San Juan County, New Mexico.
2. Elevation of Unprepared Ground: 6413' GL.
3. Geologic Name of Surface Formation: Ojo Alamo Sandstone
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 2100'
6. Estimated Tops of Geologic Markers: Fruitland 1700'; Pictured Cliffs 2000'.
7. Estimated Depths at Which Anticipated Gas or Oil-Bearing Formations Expected: Pictured Cliffs 2000' - 2100'; Fruitland 1700' - 1725'.
8. Casing Program and Setting Depths:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Setting Depth</u>
Surface	7-5/8"	24#	H-40	90'
Production	2-7/8"	6.5#	H-40	2100'

9. Casing Setting Depth and Cementing Program:
  - a. Surface casing will be set at 90', cemented with 100 sacks Class "B" neat with 2% CaCl<sub>2</sub>.



A DIVISION OF GULF OIL CORPORATION

- b. Production casing will be set at 2100' and cemented with 500 sacks Class "B" cement.

NOTE: Volume of cement to be determined after running caliper log at total depth.

- 10. Pressure Control Equipment: An annular BOP or a double blind and pipe ram BOP will be installed before drilling out below surface casing.
- 11. Circulating Media:
  - a. 0' - 90' Fresh water spud mud
  - b. 90' - 2100' Fresh water low solid mud with the following properties:  
Viscosity 32-37 sec., water loss 20-4 cc, weight 8.5 - 9.0 ppg.
- 12. Testing, Logging and Coring Programs:
  - a. Formation testing may be done at any depth where samples, drilling rate or log information indicate a possible show of oil or gas.
  - b. Open hole logs will be run prior to running production casing at total depth.
  - c. Coring is not planned.
- 13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas: We do not anticipate abnormal pressure, temperature or hydrogen sulfide gas; however, BOP's as described in Item 10 above will be installed.
- 14. Anticipated Starting Date: Drilling operations should start August 20, 1980.
- 15. Other Facets of the Proposed Operation: None.

  
R. C. Anderson  
Area Production Manager

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOBBS AREA

July 24, 1980

P. O. Box 670  
Hobbs, NM 88240

Re: Surface Development Plan  
Proposed Douthit "A" Federal Com #6  
San Juan County, New Mexico

U. S. Geological Survey  
P. O. Box 959  
Farmington, New Mexico 87401

Gentlemen:

The surface use and operations plan for the proposed Douthit "A" Federal Com #6 is as follows:

1. Existing Roads:

- A. Exhibit "A" is a portion of a general highway map showing the location of the proposed well as staked. Go South out of Bloomfield, New Mexico, approximately 12 miles on State Highway No. 44, turn southwest and go 0.4 mile. The proposed location is approximately 100' north of the road.
- B. Exhibit "B" is a plat showing all existing roads within a one-mile radius of the wellsite, as well as the planned access road.

2. Planned Access Roads:

- A. Length and Width: The required new road will be 100' long and 12' wide, constructed of graded surface material compacted and watered to a depth of 6". The new road will leave existing road and extend to the south corner of the drilling pad. This new road is labeled and color-coded red on Exhibits "A" and "B".
- B. Turnouts: None required
- C. Culverts: None required
- D. Cuts and Fills: No significant cuts or fills will be required in the road.
- E. Gates and Cattleguards: None required

(Continued)



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3. Location of Existing Wells: There are a number of existing wells around the proposed location as shown on Exhibit "A".
4. Tank Batteries, Production Facilities and Lease Pipelines: There are tank batteries, production facilities and lease pipelines on this lease operated or owned by Gulf Oil Corporation. If production is encountered the tank battery and other required producing equipment will be located on the pad. All producing lines will be constructed on the pad on top of the ground. Refer to Exhibit "D".
5. Water Supply: Drilling water will be hauled by trucks over existing roads.
6. Source of Construction Materials: The proposed roads and drilling pad will be constructed by leveling and compacting existing surface materials (mainly sand and clay). No outside materials will be hauled in for construction of roads or drilling pad.
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 drilling pits until pits are dry.
  - C. Water produced during tests will be disposed of in drilling pits. Oil produced during tests will be stored in test tanks until sold.
  - D. Current laws and regulations pertaining to disposal of human waste will be complied with.
  - E. Trash, waste paper, sacks, garbage and junk will be burned or buried in a separate 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 trash pit is shown on Exhibit "C".
  - F. All trash and debris will be buried or removed from wellsite within 30 days after finishing drilling and/or completion operations.
8. Ancillary Facilities: None required
9. Wellsite Layout:
  - A. Exhibit "C" Shows the relative location and dimensions of the well pad, mud pits, reserve pits, trash pits, and location of major rig components.
  - B. Construction of drilling pad will required a cut of two feet on the North side, with the cut material being moved to the South side to be used as fill.
  - C. The reserve pit will be on North side of pad.
  - D. The wellsite has been staked.

(Continued)

## 10. Plans for Restoration of 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 wellsite in as aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, any special rehabilitation and/or revegetation requirements (reseed with seed mixture No. 2) will be complied with and accomplished as expeditiously as possible. All pits should be filled and leveled within 90 days after abandonment.

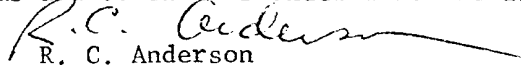
## 11. Other Information:

- A. Topography: Location is in a gently sloping area.
- B. Soil: Soil is sandy loam.
- C. Flora and Fauna: The vegetative cover generally consists of sagebrush, blue gramma and galleta.
- D. Ponds and Streams: There are no streams or ponds in the immediate area.
- E. Residences and Other Structures: The nearest occupied structure is 4 miles southwest of the proposed location.
- F. Land use: Present land use is grazing.
- G. Surface Ownership: Wellsite is on Federal Surface.

12. Operators Representative: Gulf Oil Exploration and Production Company  
A Division of Gulf Oil Corporation  
P. O. Box 670, Hobbs, New Mexico 88240  
Telephone: (505) 393-4121  
Area Production Manager: R. C. Anderson

## 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 Gulf Oil Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
R. C. Anderson  
Area Production Manager



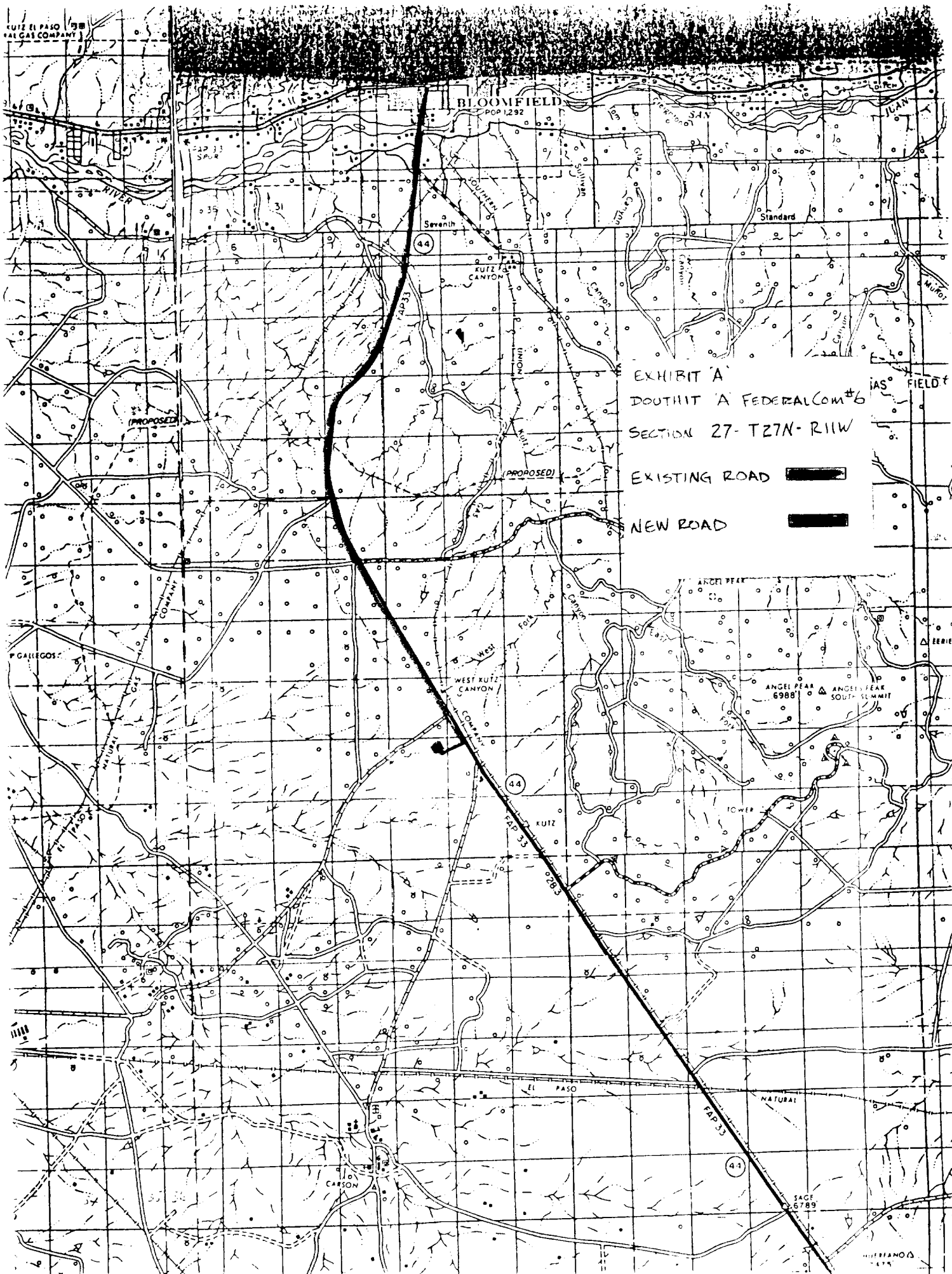


EXHIBIT 'A'  
DOUTHIT 'A' FEDERAL COM #6  
SECTION 27-T27N-R11W  
EXISTING ROAD  
NEW ROAD

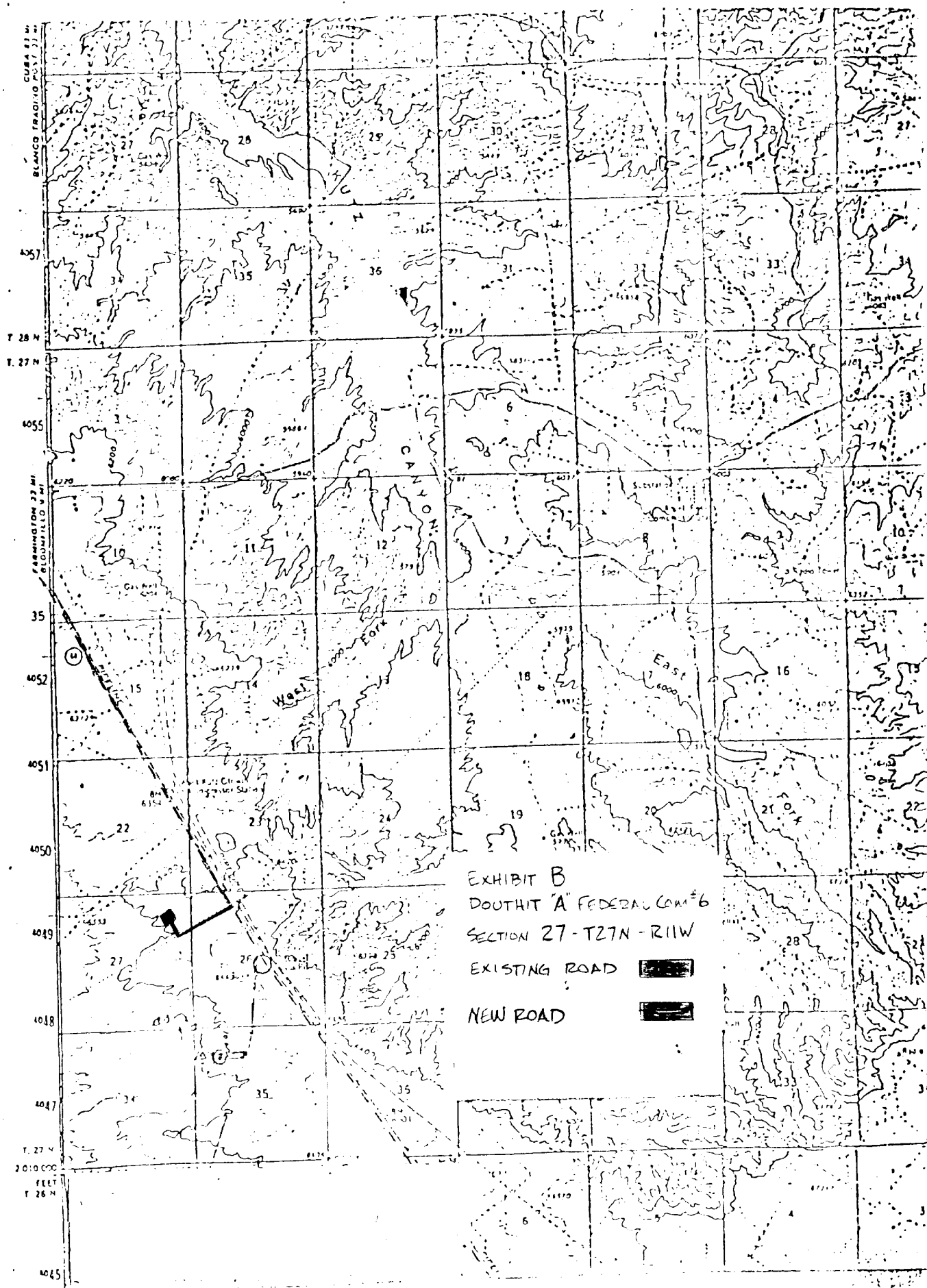


EXHIBIT C

DOUTHIT 'A' FEDERAL COM #6

SECTION 27- T27N - R11W

SAN JUAN COUNTY NM

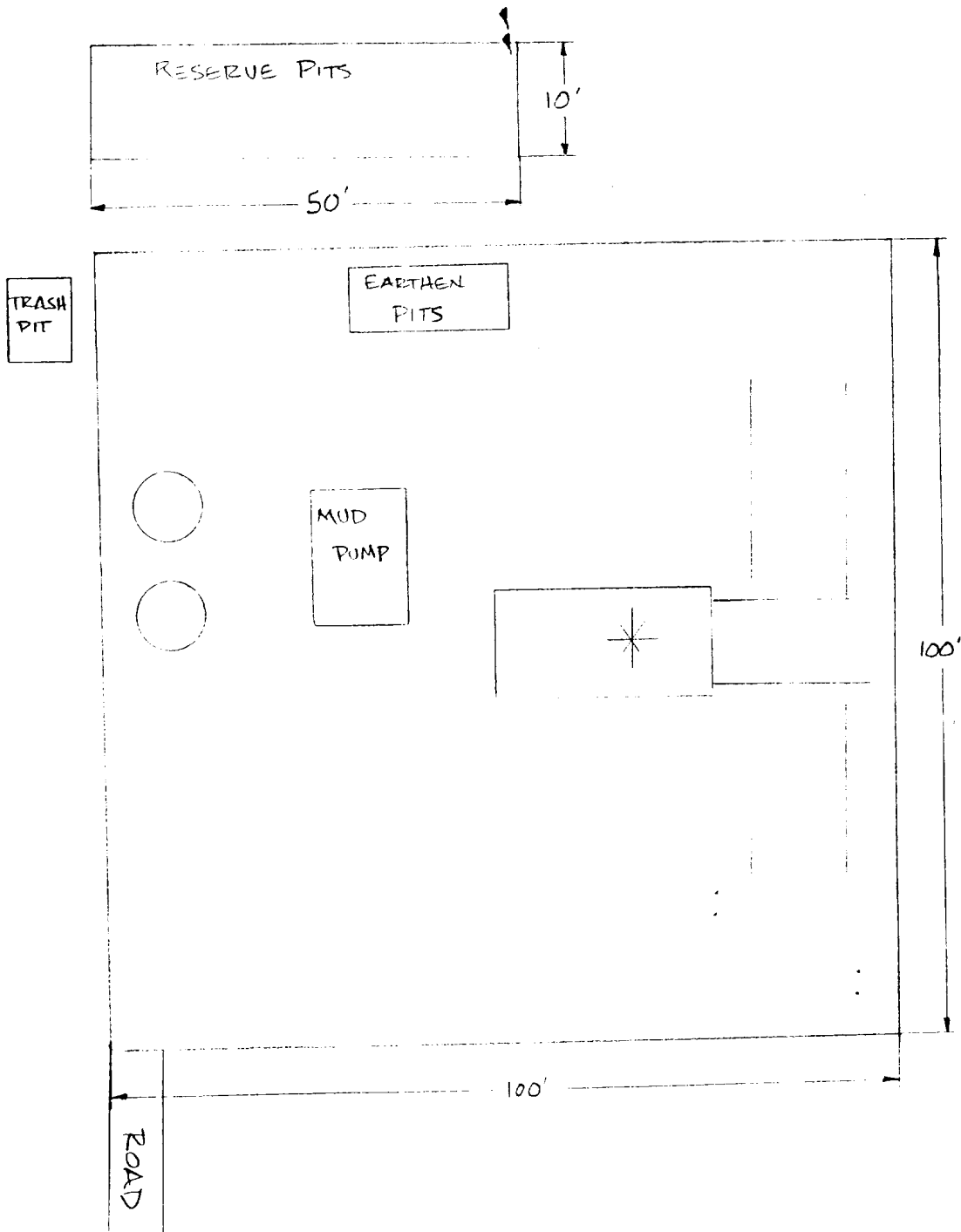
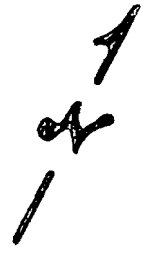


EXHIBIT D

DOUTHIT "A" FEDERAL COM #6

SECTION 27 - T27N - R11W

SAN JUAN COUNTY NM

