

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

John H. Trigg

## 3. ADDRESS OF OPERATOR

Box 520, Roswell, New Mexico 88202

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

At surface

2310 FNL &amp; 660 FEL

At proposed prod. zone

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

9½ miles northwest of Loco Hills, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

## 19. PROPOSED DEPTH

1900

## 20. ROTARY OR CABLE TOOLS

Cable Tools

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

3702.7 G.L.

## 22. APPROX. DATE WORK WILL START\*

## 23. PROPOSED CASING AND CEMENTING PROGRAM

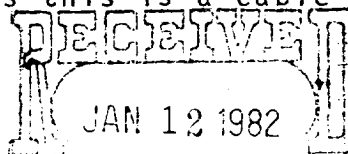
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	20 lb.	320'	150 sx (circ.)
8"	7"	18 lb.	1600'	Set
6-3/4"	4-1/2"	9½ lb.	1900'	200 sx

Will drill to approximately 1900' to test the Penrose Sand. If production is indicated, will run casing and attempt completion.

Conventional cable tool control head will be utilized.

Estimated Geologic Tops: Yates 810'; Queen 1575'; Penrose 1790'.

Mud Program: No mud will be used as this is a cable tool hole.



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

TITLE Owner

DATE 1/6/82

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE

APPROVED BY

JAN 26 1982

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

DATE

CONDITIONS OF APPROVAL, IF ANY

JAMES A. OILHAM  
DISTRICT SUPERVISOR

**N. MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-112  
Supersedes O-128  
Effective 12-65

All distances must be from the outer boundaries of the Section

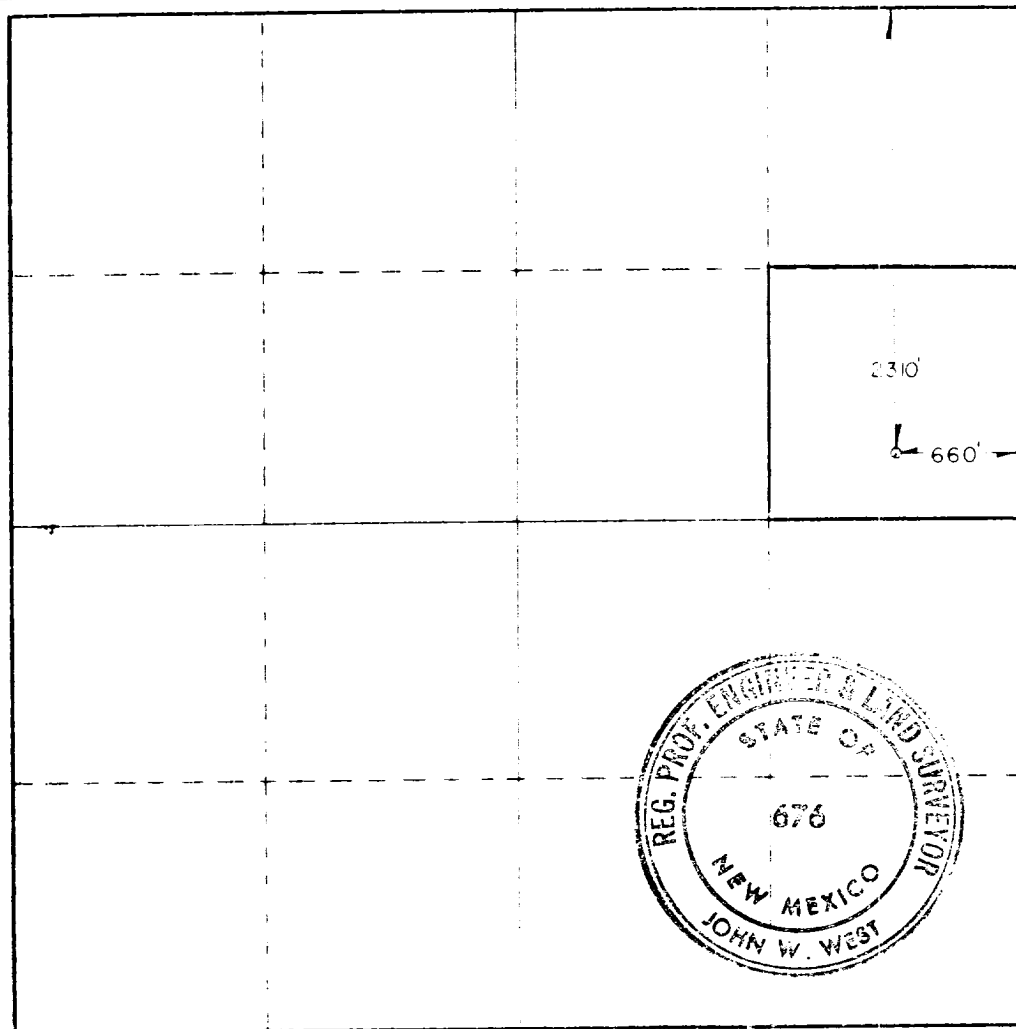
Operator <b>JOHN H. TRIGG</b>			Lease <b>GOVERNMENT LEASE</b>		Well No. <b>6</b>
Tract Letter <b>H</b>	Section <b>25</b>	Township <b>16 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well:					
<b>2310</b>	feet from the	<b>North</b>	line and	<b>660</b>	feet from the <b>East</b> line
Ground Level Elev. <b>3702.7</b>	Producing Formation <b>Penrose Sand</b>		Foot <b>Undesignated Turkey Track</b>		Estimated Acreage <b>40</b>

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 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.

*John H. Trigg*  
Name  
**John H. Trigg**

Position  
**President**

Signature  
**John H. Trigg**

Date  
**January 7, 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  
**12/30/81**

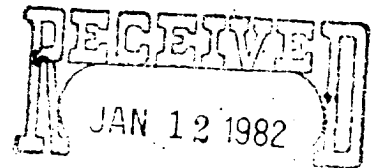
Registered Professional Engineer and/or Land Surveyor

*John W. West*

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

SURFACE USE PLAN

John H. Trigg  
Government No. 6  
2310' FNL & 660' FEL Sec. 25, T16S, R28E  
Chaves County, New Mexico  
Federal Lease NM-05855



1. Existing Roads

Exhibit "A" is a portion of the Chaves County road map of the New Mexico State Highway Department, showing the proposed well site in relation to nearby highways and ranch-oil field roads. U. S. Highway 82 will be used for 14 miles from Artesia to the ranch road. This highway is maintained by the State of New Mexico. The oil field-ranch road will be used for approximately 6 miles. This road is constructed of caliche, is approximately 12' to 35' in width and is maintained by the county ranchers, and oil operators who utilize this road. All roads and highways to be used are marked in yellow and the proposed well site and nearby towns are marked in red.

2. Planned Access Road

Exhibit "A" shows the ranch and oil field roads. The new road to be constructed is marked in red and is approximately 1400' in length. This road will be 12' wide. No caliche will be necessary. Existing gates and cattleguards will be utilized.

3. Location of Existing Wells

Exhibit "B" shows all of the producing wells within 2 miles of the proposed test with ownership of various tracts.

4. Location of Tank Battery, Production Facilities & Production Gathering & Service Lines

If gas production is achieved the location of the line will be determined by the purchaser laying the gathering system to his existing gas lines.

5. Location and Type of Water Supply

There is no useable water in this area. All water needed for drilling, testing, and completion will be trucked in by a commercial transport on existing roads as shown on Exhibit "A".

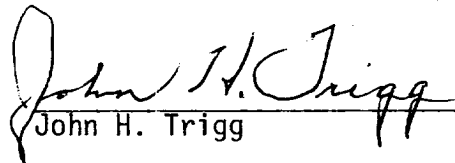
6. Source of Construction Materials

No construction material is anticipated.

7. Handling of Waste Disposal

All waste material remaining after the drilling of this well will be placed in mud pit as shown on Exhibit "C". Any combustible or biochemically degradable material will be placed in the "burn and trash pit".

8. Ancillary Facilities  
No ancillary facilities are planned.
9. Well Site Layout  
This information is shown on Exhibit "C".
10. Plan for Restoration of Surface  
All pits will be filled in and levelled. Deadmen will be removed. The access road and location will be restored as near as possible to its natural state following instructions from appropriate governmental agency; if well is abandoned, otherwise the location will be cleared and maintained in an orderly manner.
11. Other Information  
No unusual topography exists on the well site or access roads. See Exhibit "D"
12. Operator Representatives  
Ott Vowell                      Box 1267, Maljamar, New Mexico 88264  
(505-676-2560)  
  
John H. Trigg                  Box 520, Roswell, New Mexico 88201  
(505-623-3140)
13. Cerification  
I certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 John H. Trigg, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

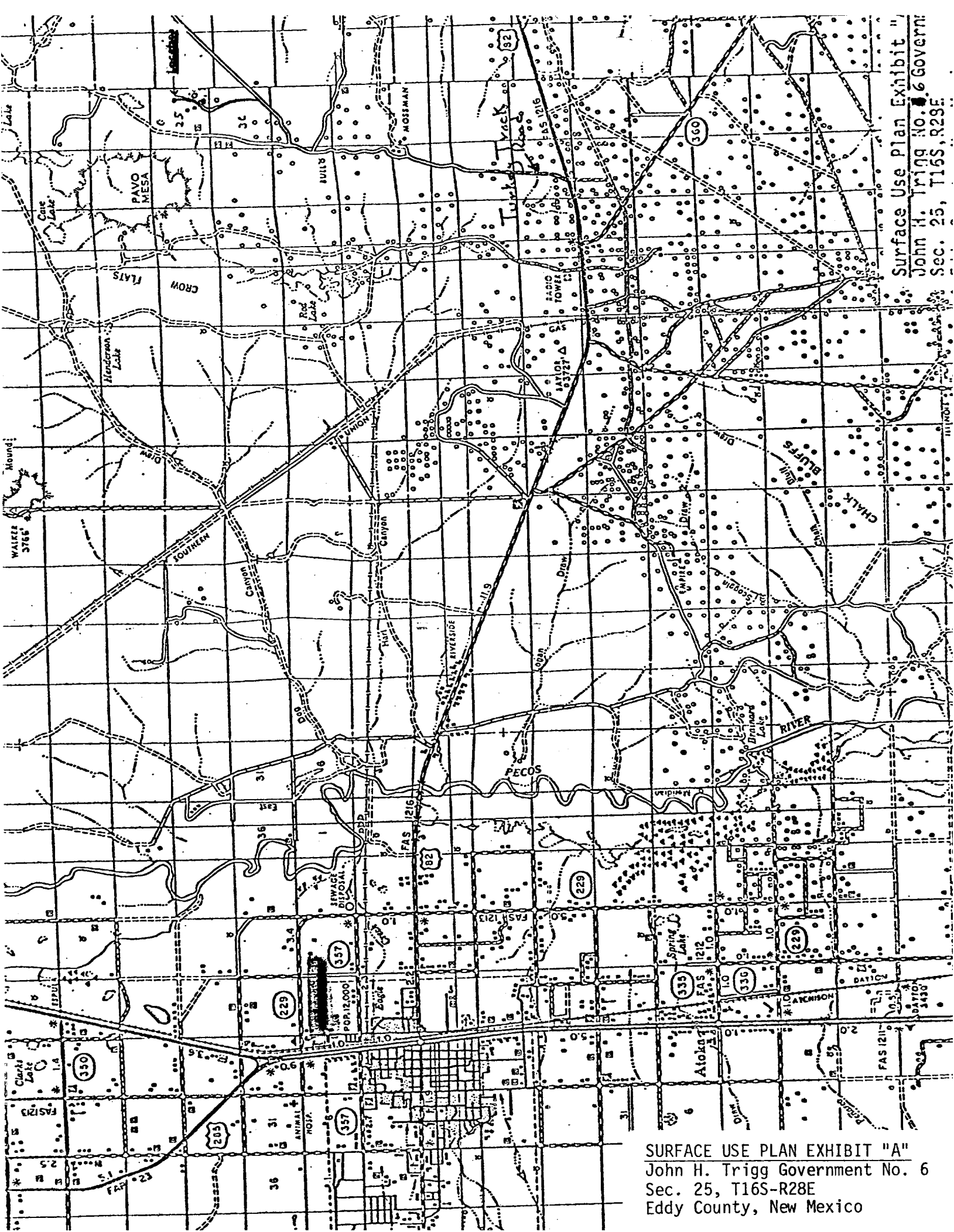
  
John H. Trigg

John H. Trigg  
No. 6 Government  
REQUIREMENTS  
(NTL-6)

1. Location: 2310' FNL & 660' FEL, Sec. 25, T16S-R28E, Eddy Co. New Mexico
2. Elevation: 3702.7' G. L.
3. Geologic name of surface formation: Recent alluvium at Quaternary age
4. Type of drilling rig and associated equipment: Walker-Neer 33-Super  
Cable tool drilling rig.
5. Proposed drilling depth and objective formation: 1900' (Penrose Sand)
6. Estimated tops of geologic markers:

Yates <u>810'</u>	San Andres <u>          </u>	Abo <u>          </u>
7-Rivers <u>1425'</u>	Glorieta <u>          </u>	Wolfcamp <u>          </u>
Queen <u>1575'</u>	Tubb <u>          </u>	<u>          </u>
Penrose <u>1790'</u>	<u>          </u>	<u>          </u>
7. Estimated depths of any oil, water, or gas: Possible water 1600'.  
Oil and/or gas 1780' - 1800'.
- 8-9. Proposed casing program:

<u>8-5/8" @ 320'</u>	<u>Grade J-55</u>	<u>Wt. 20 lb.</u>	<u>Type Cement Class "C" with 2% CaCl</u>
<u>7" @ 1600'</u>	<u>Grade J-55</u>	<u>Wt. 17 lb.</u>	<u>Type Cement Set (not cemented)</u>
<u>4-1/2" @ 1900'</u>	<u>Grade J-55</u>	<u>Wt. 9½ lb.</u>	<u>Type Cement Class "C" with 12% CaCl, 21b. salt</u>
10. Specifications for pressure control equipment and testing procedures:             
Conventional cable tool control head will be used.
11. Type and characteristics of drilling fluids: Natural mud used by adding fresh  
water as well is being drilled.
12. Testing, logging, and coring programs: Natural tests will be taken as a result  
of cable tool. Gamma-ray neutron log will be run.  
No coring program is planned.
13. Anticipated abnormal pressures or temperature: None
14. Anticipated commencement and completion date: As soon as possible.
15. Other pertinent information: None



SURFACE USE PLAN EXHIBIT "A"  
John H. Trigg Government No. 6  
Sec. 25, T16S-R28E  
Eddy County, New Mexico

Surface Use Plan Exhibit "  
John H. Trigg No. 6 Govern  
Sec. 25, T16S, R28E

R-28-E

T  
16  
S

25

Proposed  
New Road

00 Battery

#5

Cattle Guard

Existing  
Oil Field Road

Existing road

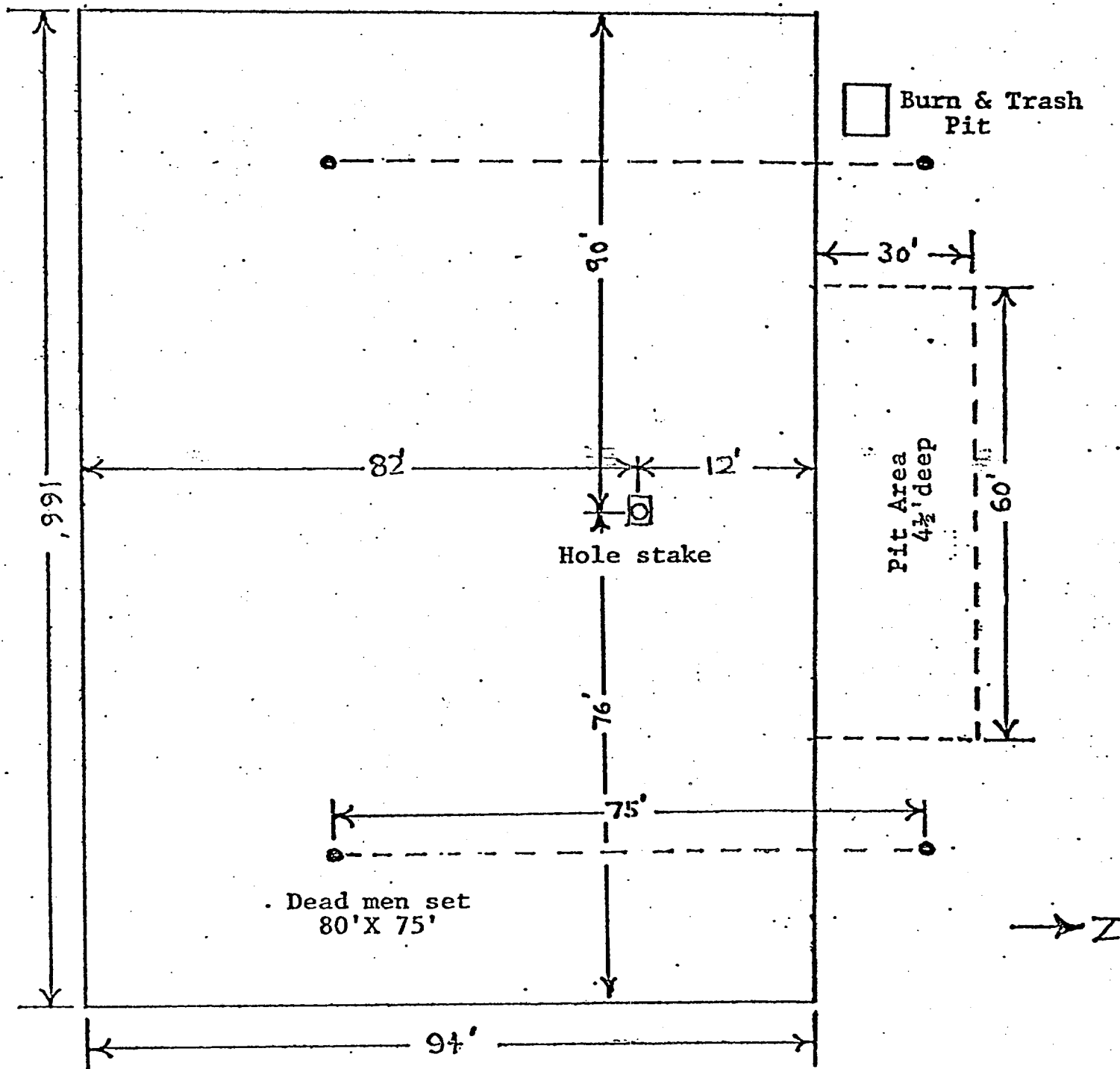
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SURFACE USE PLAN EXHIBIT "A-1"  
John H. Trigg Government No. 6  
Sec. 25, T16S- R28E  
Eddy County, New Mexico

WELL John H. Trigg No. 6 Government

LOCATION 1650' FSL & 660' FEL

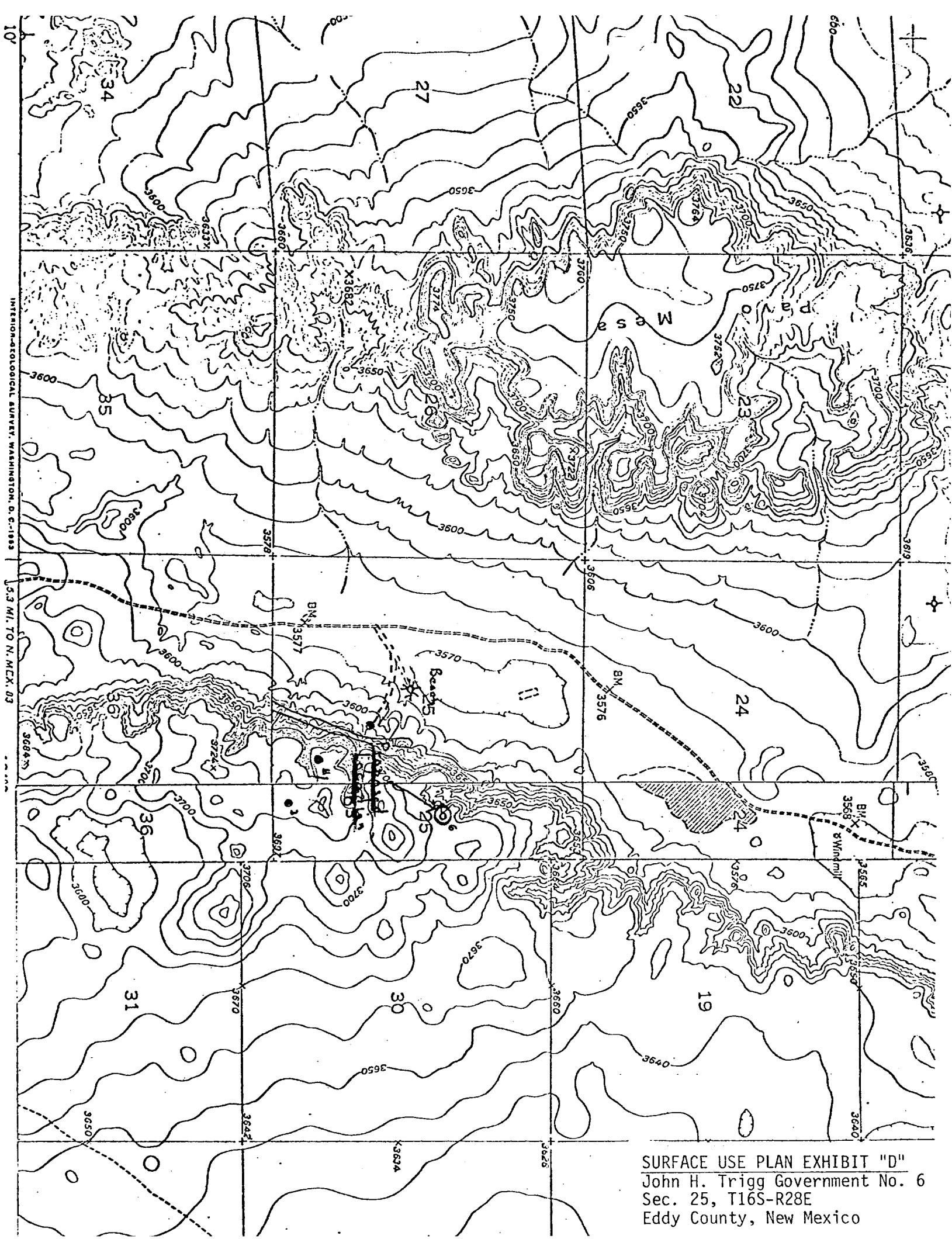
Sec. 25, T16S-R28E



CABLE TOOL LOCATION PLAT

SURFACE USE PLAN EXHIBIT "C"  
John H. Trigg Government No. 6  
Sec. 25, T16S-R28E  
Eddy County, New Mexico





SURFACE USE PLAN EXHIBIT "D"  
John H. Trigg Government No. 6  
Sec. 25, T16S-R28E  
Eddy County, New Mexico