

N.M.O.C.D. COPY

SUBMIT IN TRI STATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23936

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 88201

RECEIVED

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

At surface

2310' FNL & 1980' FEL

SEP 25 1981

At proposed prod. zone

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

9½ miles Northwest of Loco Hills, New Mexico

O. C. D.
ARTESIA, OFFICE

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.

1000'

19. PROPOSED DEPTH

1900'

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3596.5 G.L.

22. APPROX. DATE WORK WILL START*

Sept. 20, 1981 or ASAP

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 800'
Queen 1560'
Penrose 1780'

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

9/15/81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

SEP 23 1981

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. GILLHAM
DISTRICT SUPERVISOR

Posted ID-1
API + NL Book
10-2-81

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

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

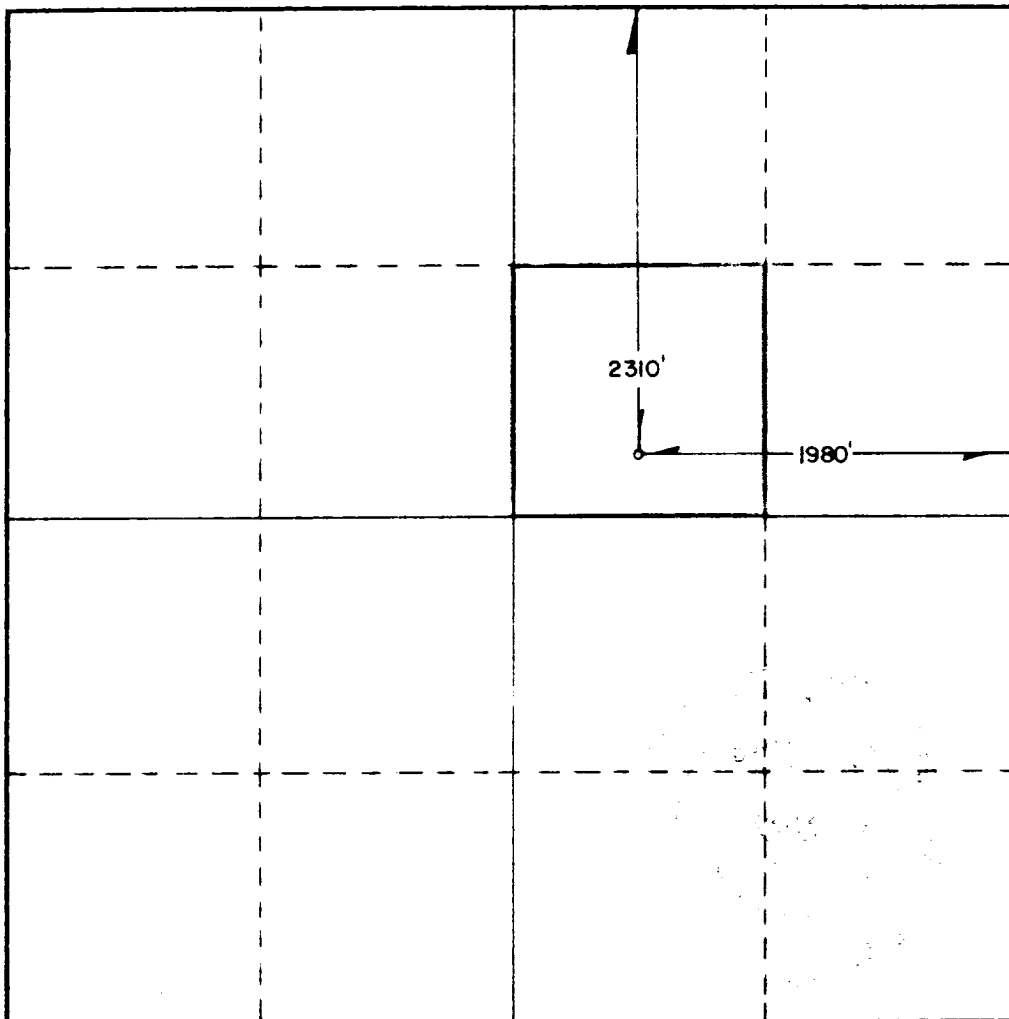
Operator JOHN H. TRIGG		Lease GOVERNMENT		Well No. 4	
Unit Letter G	Section 25	Township 16 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 2310 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 3596.5' G.L.	Producing Formation Penrose sand	Pool East Red Lake P-1 Turkey Track		Dedicated Acreage: 40 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.

John H. Trigg
Name

John H. Trigg

Position

Owner

Company

John H. Trigg

Date

September 14, 1981

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.

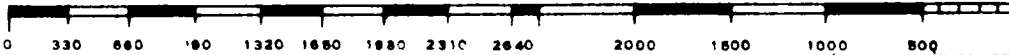
Date Surveyed

9/12/81

Registered Professional Engineer and/or Land Surveyor

Patrick A. Romero

Certificate No. **JOHN V. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eldson 3239



(4)

SURFACE USE PLAN

John H. Trigg
Government No. 4
2310 ' FNL & 1980' FEL Sec. 25, T16S, R28E
Chaves County, New Mexico
Federal Lease NM-05855

SEP 15 1981

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 calich, 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".

SEP 15 1981

8. Ancillary Facilities
No ancillary facilities are planned.

9. Well Site Layout
This information is shown on Exhibit "C".

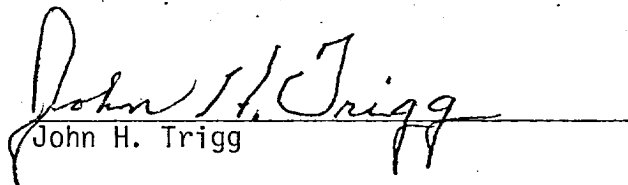
10. Plan for Restoration of Surface
All pits will be filled in and levelled. Deadmen will be removed. The access road and location will be restored as near as possible to its natural state following instructions from appropriate governmental agency; if well is abandoned, otherwise the location will be 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.

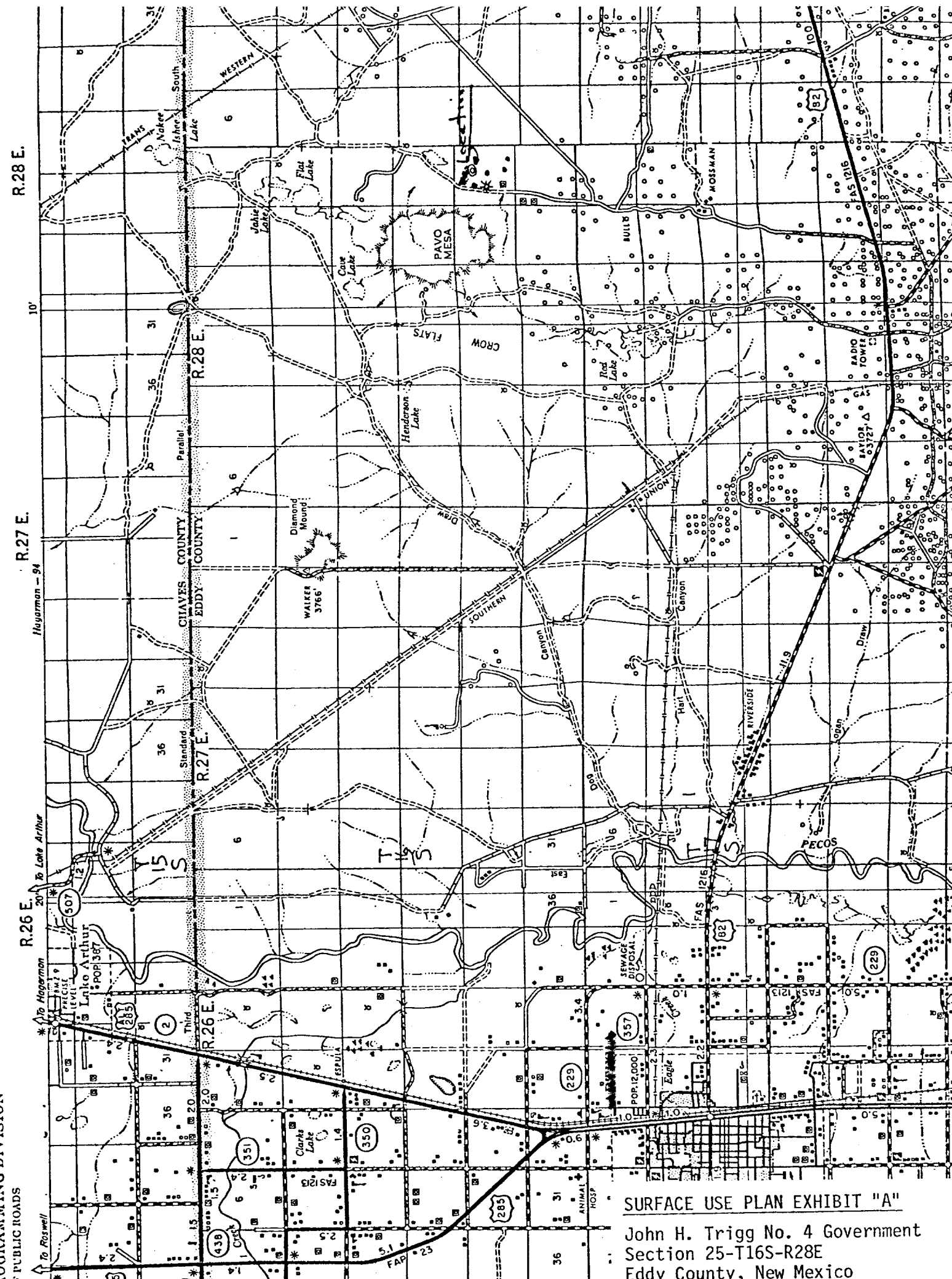

John H. Trigg

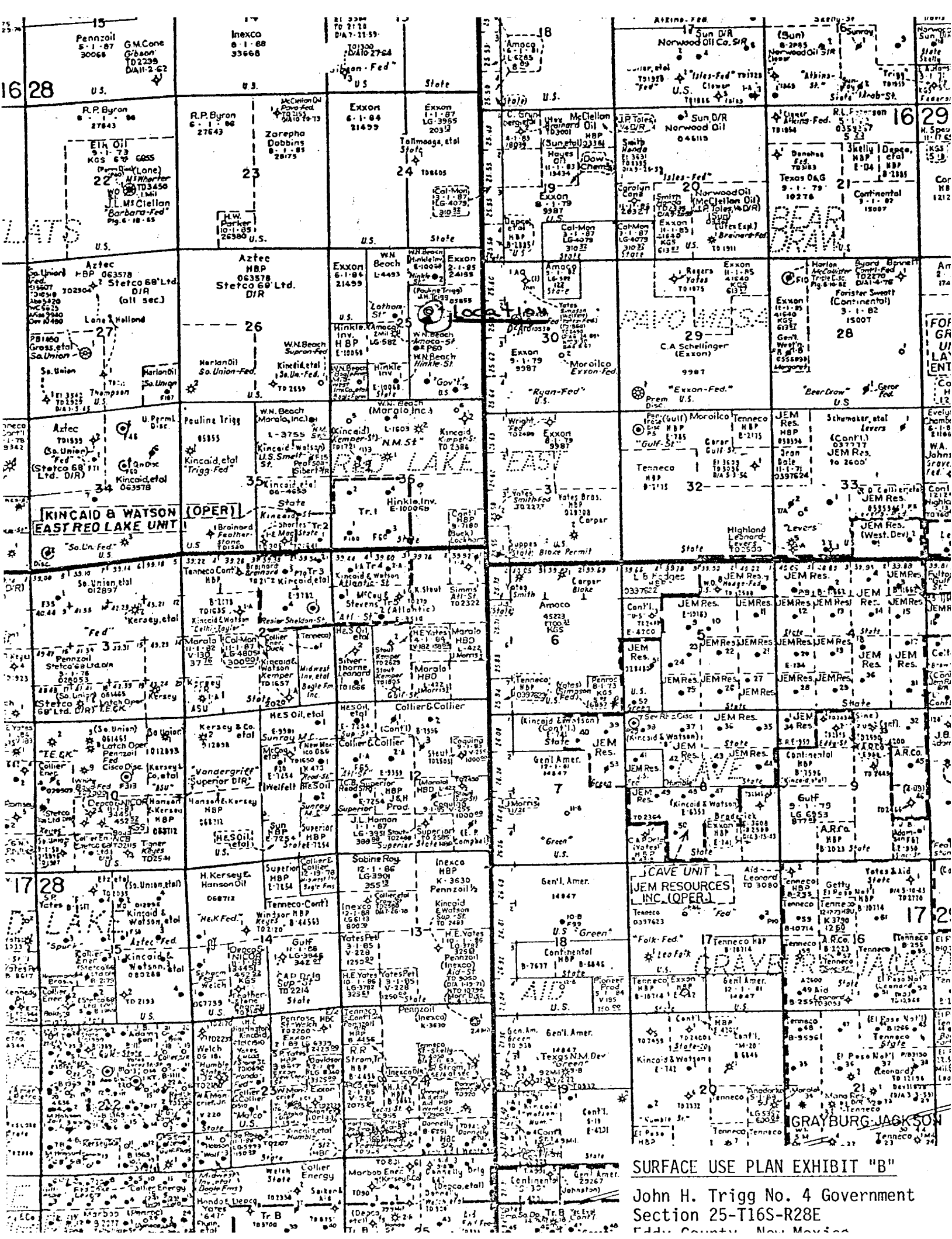
John H. Trigg
No. 4 Government
REQUIREMENTS
(NTL-6)

1. Location: 2310' FNL & 1980' FEL, Section 25-T16S-R28E, Eddy County, New Mexico
 2. Elevation: 3596.5' G.L.
 3. Geologic name of surface formation: Recent alluvium at Quaterney 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>800</u>	San Andres <u> </u>	Abo <u> </u>
7-Rivers <u>1425</u>	Glorieta <u> </u>	Wolfcamp <u> </u>
Queen <u>1560</u>	Tubb <u> </u>	<u> </u>
Penrose <u>1780</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:

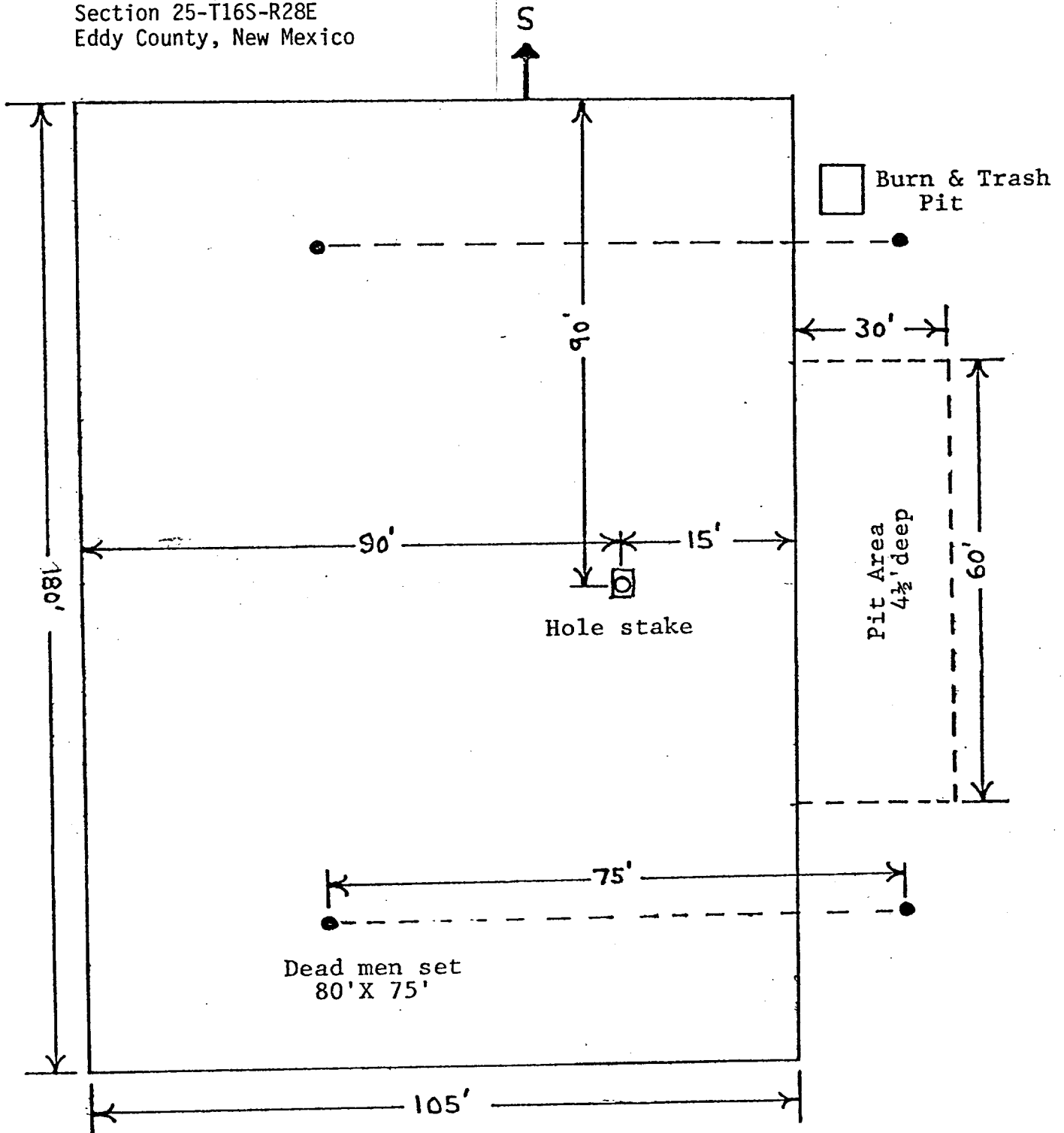
<u>8-5/8" @ 320 ' Grade J-55 Wt. 20 lb. Type Cement Class "C" with 2% CaCl</u>
* <u>7 " @ 1600 ' Grade J-55 Wt. 18 lb. Type Cement Set (not cemented)</u>
<u>4-1/2" @ 1900 ' Grade J-55 Wt. 9½ lb. Type Cement Class "C" with 12% CaCl, 2 lb. salt</u>
 10. Specifications for pressure control equipment and 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
- * Will be run if water is encountered in the Queen.





SURFACE USE PLAN EXHIBIT "C"

John H. Trigg No. 4 Government
Section 25-T16S-R28E
Eddy County, New Mexico



CABLE TOOL LOCATION PLAT

SURFACE USE PLAN EXHIBIT "D"

John H. Trigg No. 4 Government
Section 25-T16S-R28E
Eddy County, New Mexico

