

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

P. O. Box 520, Roswell, New Mexico 88201

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

At surface

At proposed prod. zone

660' FSL, 1880' FEL

ARTESIA, OFFICE

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

9 1/2 miles northwest of Loco Hills

## 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 Acres

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160 40

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

8580'

## 19. PROPOSED DEPTH

1900'

## 20. ROTARY OR CABLE TOOLS

Cable Tools

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

3706.1 G.L.

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

12-1-79

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 10"          | 8 5/8"         | 20lbs.          | 325'          | 150 sx. (Circ.)    |
| 8            | 4 1/2"         | 9 1/2lbs.       | 1900'         | 150 sx.            |

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

Conventional cable tool control head will be utilized.

Cortez Drlg. Co., Box 730, Roswell, New Mexico will be the drlg. contractor.

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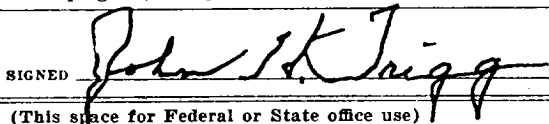
DEC 3 1979

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

1-10-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

John H. Trigg

Government

1

100-100000

with

100-100000

Eddy

Grayburg

Undesignated

160 100

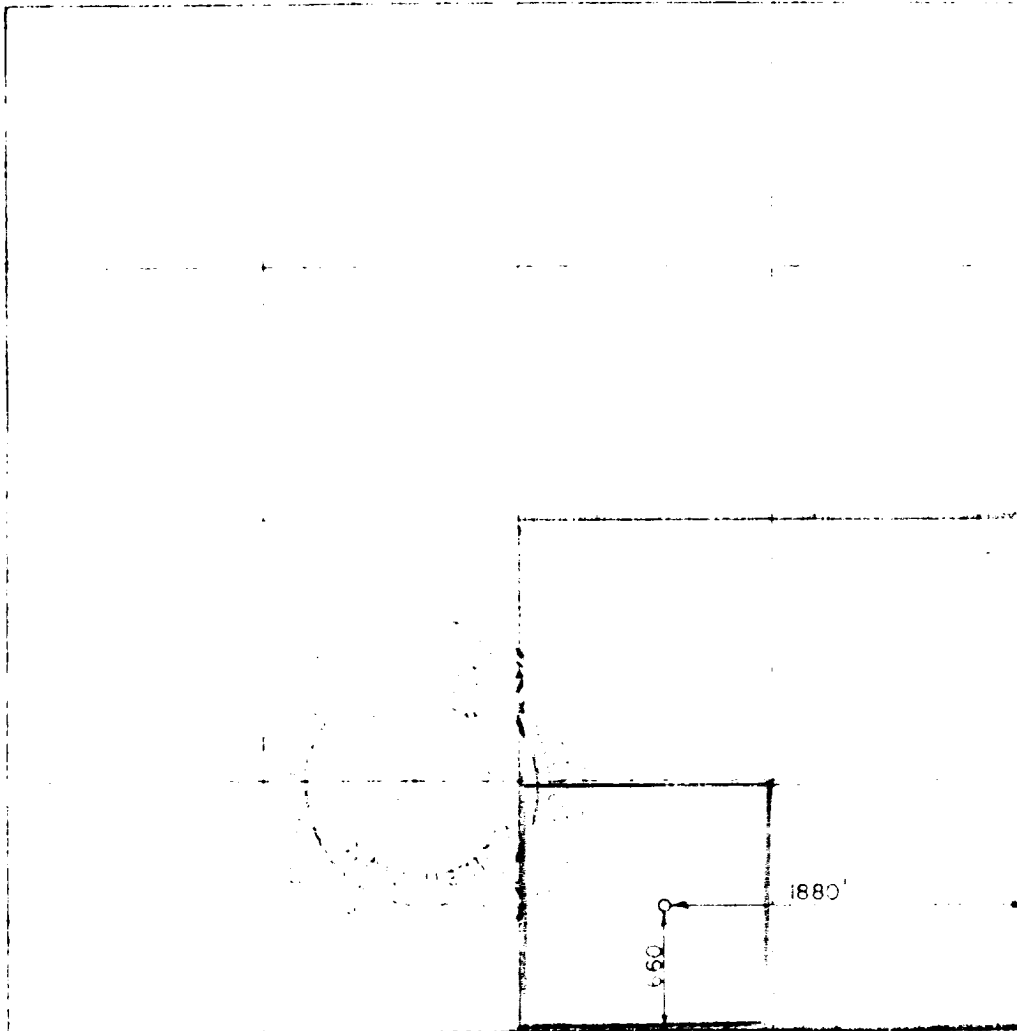
The above information is being furnished to you for your information.

It is requested that you advise the Bureau of any further information received.

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JAN 11 1980

O. C. D.  
ARTESIA, OFFICE



John H. Trigg

*John H. Trigg*

Owner

John H. Trigg

Dec. 28, 1979

*John H. Trigg*



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U  
Artesia, New Mexico 88210

January 14, 1980

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John H. Trigg  
Post Office Box 520  
Roswell, New Mexico 88201

JAN 15 1980

Gentlemen:

O. C. D.  
ARTESIA, OFFICE

Your records should show that the wellsite for the John H. Trigg Government No. 1 sec. 25, T. 16 S., R. 28 E., N.M.P.M., Eddy County, lease No. New Mexico 05855 is located 660 FSL and 1880 FEL and not 1980 FEL as shown on the attached copy of the APD dated Jan. 10, 1980. Paragraph 6 of the APD notes the change of location.

George H. Stewart





# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U  
Artesia, New Mexico 88210

RECEIVED

JAN 15 1980

O. C. D.  
ARTESIA, OFFICE

January 10, 1980

John H. Trigg  
P. O. Box 520  
Roswell, New Mexico 88201

Gentlemen:

JOHN H. TRIGG  
Government No. 1  
660 FSL 1980 FEL Sec. 25 T.16S R.28E  
Eddy County Lease No. NM 05855

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 1,900 feet to test the Grayburg formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
5. Cement behind the 8-5/8" casing must be circulated.
6. Special Stipulations: Pad will be moved 100 feet east. Existing road will be incorporated into pad. Pad will not be constructed any larger than 105 feet wide by 180 feet long. (BLM)
7. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart  
Acting District Engineer





# United States Department of the Interior

## GEOLOGICAL SURVEY

P. O. Drawer U  
Artesia, New Mexico 88210

RECEIVED

JAN 11 1980

O. C. D.

ARTESIA, OFFICE

January 10, 1980

John H. Trigg  
P. O. Box 520  
Roswell, New Mexico 88201

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Sincerely yours,

George H. Stewart  
Acting District Engineer



SURFACE USE PLAN

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ARTESIA, NEW MEXICO

SURFACE USE PLAN

John H. Trigg  
Government No. 1  
660 FSL & 1980 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-I shows the ranch and oil field roads. The new road to be constructed is marked in red and is approximately 3/4 mile in length. This road will be 12' wide. No caliche will be necessary. Existing gates and cattleguards will be utilized. It will be necessary to install one gate or cattle guard.

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".

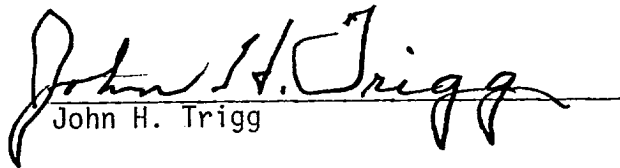
6. Source of Construction Materials

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.
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. Irig  
No. 1 Government  
REQUIREMENTS  
(NTL-6)

1. Location: 660 FSL & 1980 FEL, Sec. 25, T16S, R28E, Eddy County, New Mexico
2. Elevation: 3706.1 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 625' San Andres \_\_\_\_\_ Abo \_\_\_\_\_  
7-Rivers 930 Glorieta \_\_\_\_\_ Wolfcamp \_\_\_\_\_  
Queen 1550 Tubb \_\_\_\_\_
7. Estimated depths of any oil, water, or gas: Possible water 1950'  
oil and/or gas 1802'-22'.
- 8-9. Proposed casing program:  
8 5/8" @ 325 ' Grade J-55 Wt. 201b. Type Cement Class "C" with 2% CaCl  
\* 7" " @ 1600 ' Grade J-55 Wt. 171b. Type Cement Set (not cemented)  
4 1/2 " @ 1900 ' Grade J-55 Wt. 9 1/2 lb. Type Cement Class "C" With 12% CaCl, 21b sal
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: December 20, 1979 - January 20, 1980
15. Other pertinent information: None

# U OF PUBLIC ROADS

# STATE OF PUBLIC ROADS

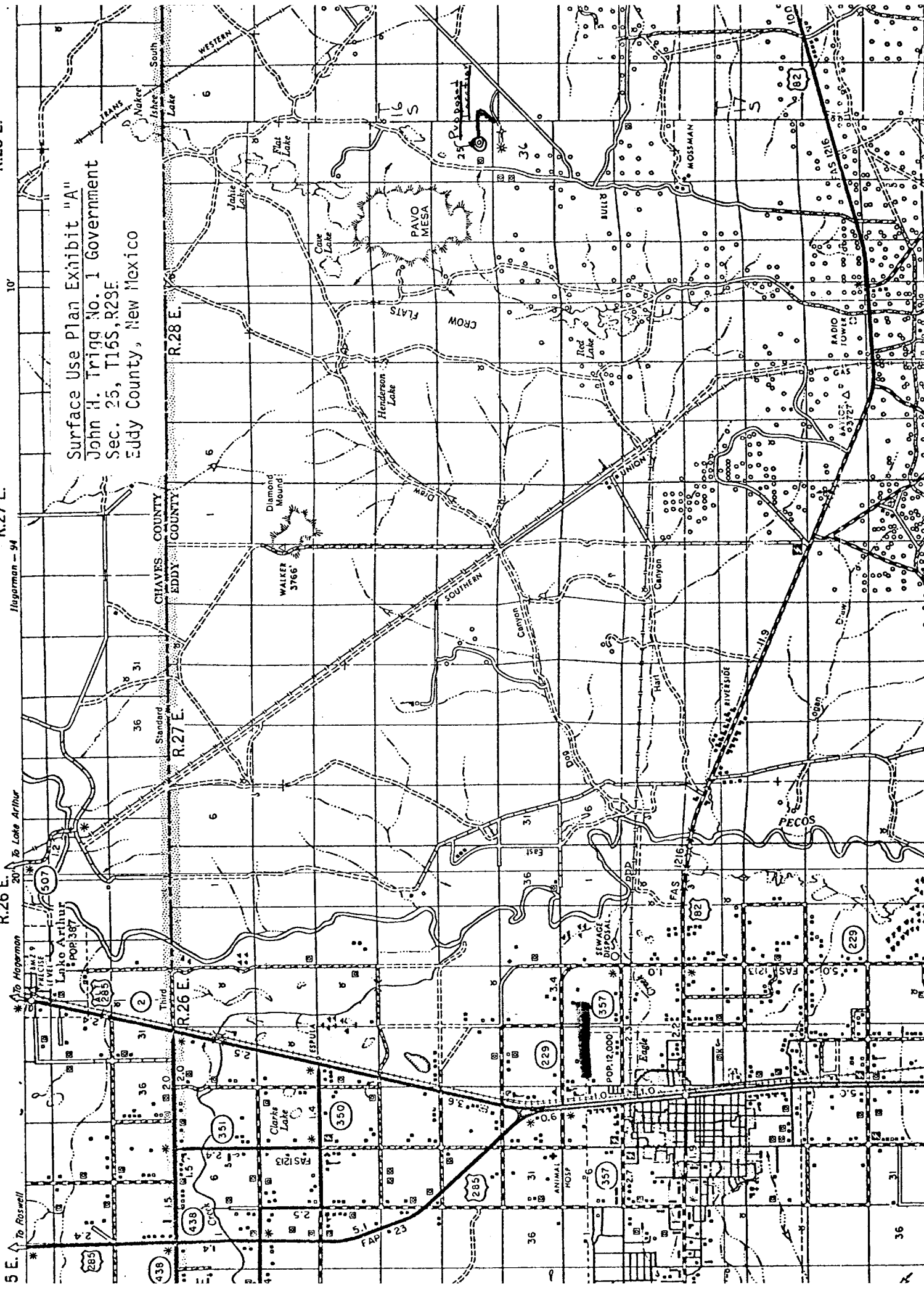
# U. S. DEPARTMENT OF AGRICULTURE BUREAU OF PUBLIC ROADS

U. OF PUBLIC ROADS 637

U. OF PUBLIC ROADS  
D 07 F  
D 08 F

Surface Use Plan Exhibit "A"

John H. Trigg No. 1 Government  
Sec. 25, T16S, R29E  
Eddy County, New Mexico



R-28-E

25



New Road

Fence

T  
16  
S

Road & location  
will not require  
Calacha.

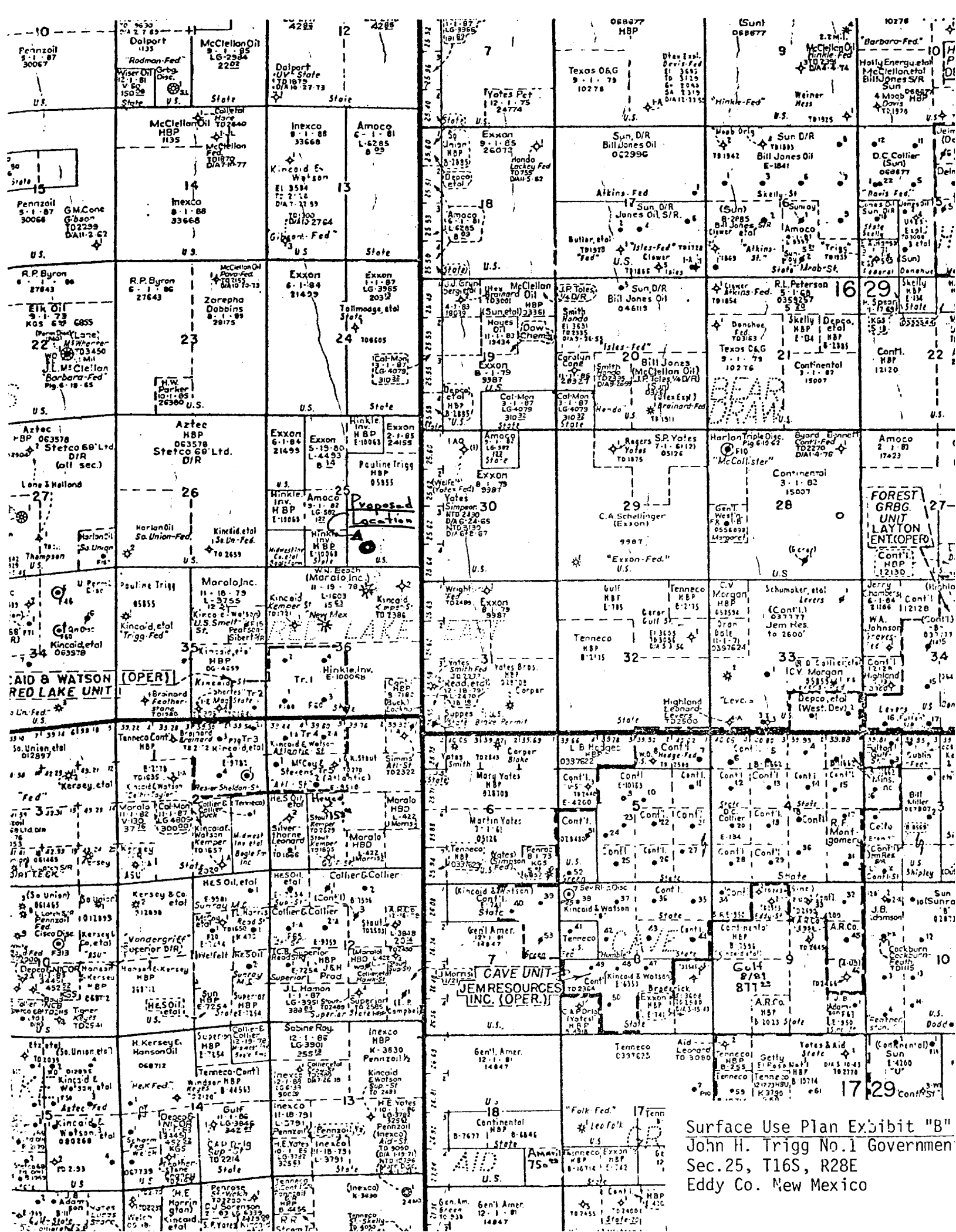
Kincaid  
Watson

Beach



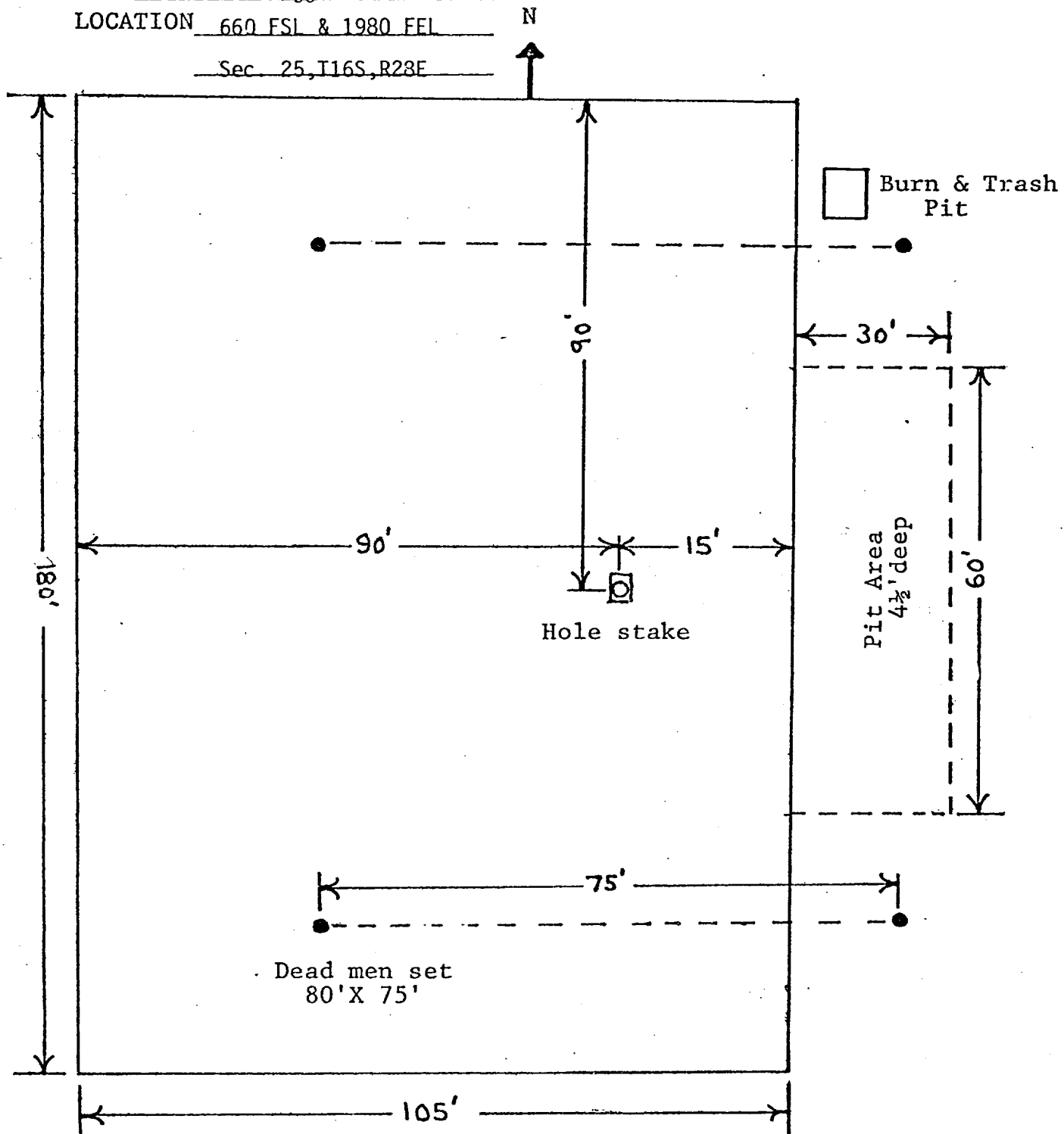
Existing ranch  
Oil field road

36



Surface Use Plan Exhibit "B"  
John H. Trigg No.1 Government  
Sec.25, T16S, R28E  
Eddy Co. New Mexico

WELL John H. Trigg No. 1 Government  
 LOCATION 660 FSL & 1980 FEL  
Sec 25, T16S, R28E



CABLE TOOL LOCATION PLAT

Surface Use Plan Exhibit "C"  
 John H. Trigg No. 1 Government  
 Sec. 25, T16S, R28E  
 El Paso County, New Mexico

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-77  
Supersedes C-128  
EFFECTIVE 1-1-78

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

|              |              |                   |                |      |
|--------------|--------------|-------------------|----------------|------|
| John H Trigg |              | Government        |                | 1    |
| 0            | 25           | 16 South          | 28 East        | Eddy |
| 660          | South        | 1980              | East           |      |
| 3706.1       | Grayburg Q-G | East Red Lake Q-G | Undesignated A | 160  |

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?

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Yes No If answer is "Yes" type of consolidation

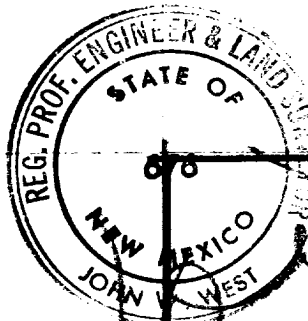
If answer is "No" list the owners and tract designations which have actually been consolidated on reverse side of this form if necessary.

No allowance will be assigned to the well until the interests have been consolidated by communitization, unitization, force-pooling, or otherwise, or until a court standard for the extracting such interests has been approved by the Commission.

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U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO



DECLARATION

I, the undersigned, certify that the information furnished herein is true and complete to the best of my knowledge and belief.

John H. Trigg

*John H. Trigg*

Owner

John H. Trigg

November 28, 1979

I, the undersigned, certify that the well location shown on this plat was plotted from field notes of our business made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

November 20, 1979

*John W. West*

Certified by: JOHN W. WEST 676  
PATRICK A. ROMERO 6843  
Ronald J. Eidson 3239