

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR

4. ADDRESS OF OPERATOR

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At proposed prod. zone

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

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

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

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

11. PROPOSED CASING AND CEMENTING PROGRAM

12. COUNTY OR PARISH

13. STATE

14. NO. OF ACRES IN LEASE

15. NO. OF ACRES ASSIGNED TO THIS WELL

16. ROTARY OR CABLE TOOLS

17. APPROX. DATE WORK WILL START*

18. SIZE OF HOLE

19. SIZE OF CASING

20. WEIGHT PER FOOT

21. SETTING DEPTH

22. QUANTITY OF CEMENT

23. QUANTITY OF CEMENT

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50. QUANTITY OF CEMENT

TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT

SEE ATTACHED

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 prevention program, if any.

24.

SIGNED Bathel L. Miland TITLE Civil Engineer DATE 5/14/74
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUN 3 1974

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

CEMENT PROGRAM

- * 200 Sx Class C w/1% CaCl₂, 14.8 ppg. 300% to circulate, Cement must circulate
- ** 200 Sx TLW 12 ppg followed by 200 Sx Class C w/10# salt/sx & 1/4# flocculo/Sx 14.9 ppg. 150% to tie back-not required.
- *** 1st Stage: 300 Sx TLW 12 ppg followed by 200 Sx Class C neat 150% to tie back-not required - circulate 4-6 hours between stages.
- **** 2nd Stage: 200 Sx TLW 12 ppg followed by 200 Sx Class C neat 14.8 ppg 250% to tie back to 3500' cement must cover San Andres.

MUD PROGRAM

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>	<u>%Raw Crude Diesel Oil</u>
0-350	Water	-----	-----	-----	-----
350-3600	Water w/mud for hole control only			-----	-----
3600-6500	" "	" "	" "	-----	-----
6500-T.D.	Low solids fresh	9.0-9.6	38-42	20	4% if reqd.

BLOW OUT PREVENTER PROGRAM

3 MMS - 3000# Preventer (Exhibit "B"), Test Frequency-
Blow out Preventer Drill Each Tour Each Day

COMPLETION PROGRAM

1. Selectively perforate pay.
2. Treat with 1500 gallons 15% NEA.

FORMATION TOPS EXPECTED

San Andres	3440'
Wolfcamp "A" Zone	7540'
Wolfcamp "B" Zone	7650'
Total Depth	7750'

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
TEXACO INC.-RHODES YATES UNIT WELL NO. 3, LEA COUNTY, NEW MEXICO

- | | | |
|------|--|---|
| (1) | Existing Roads | :See Exhibit "D" |
| (2) | Planned Access Roads | :See Exhibit "D" & "G" |
| (3) | Location of Wells | :See Exhibit "A" & "D" |
| (4) | Lateral Roads to Wells location | :See Exhibit "D" |
| (5) | Location of Tank Batteries and Flowlines | :See Exhibit "D" |
| (6) | Locations and Types of Water Supply | :See Exhibit "D"-Water used for drilling will be purchased from unknown source. |
| (7) | Methods for Handling Water Disposal | :Liquid waste will be pumped into the casing and/or hauled away. Solid waste will be buried. |
| (8) | Location of Camps | :None |
| (9) | Location of Airstrips | :None |
| (10) | Location Layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. | :See Exhibit "C" |
| (11) | Plans for Restoration of the Surface | :If in the event of a dry hole, all surface obstructions will be removed. Earthen pits and location pad will be restored to natural contours. |
| (12) | Other Information | :Texaco Inc. operations will be conducted in a reputable and responsible manner. |

TRASH AND JUNK SHOULD BE
DEPOSITED IN A SEPARATE TRASH PIT

N. W. CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Approved: 5/13/74
100-10-1000

All distances must be in feet, the center bearing of the location.

Owner Texaco Inc.		Lease No. 1. H. No. 01, NCT-3		Section 2	
Township 27 South		Range 55 East		County Rockwell	
East 1/2 Sec. 27		East 1/2 Sec. 28		North 1/2 Sec. 29	
West 1/2 Sec. 27		West 1/2 Sec. 28		South 1/2 Sec. 29	
Wolfeburg		Todd Wolfeburg		40	

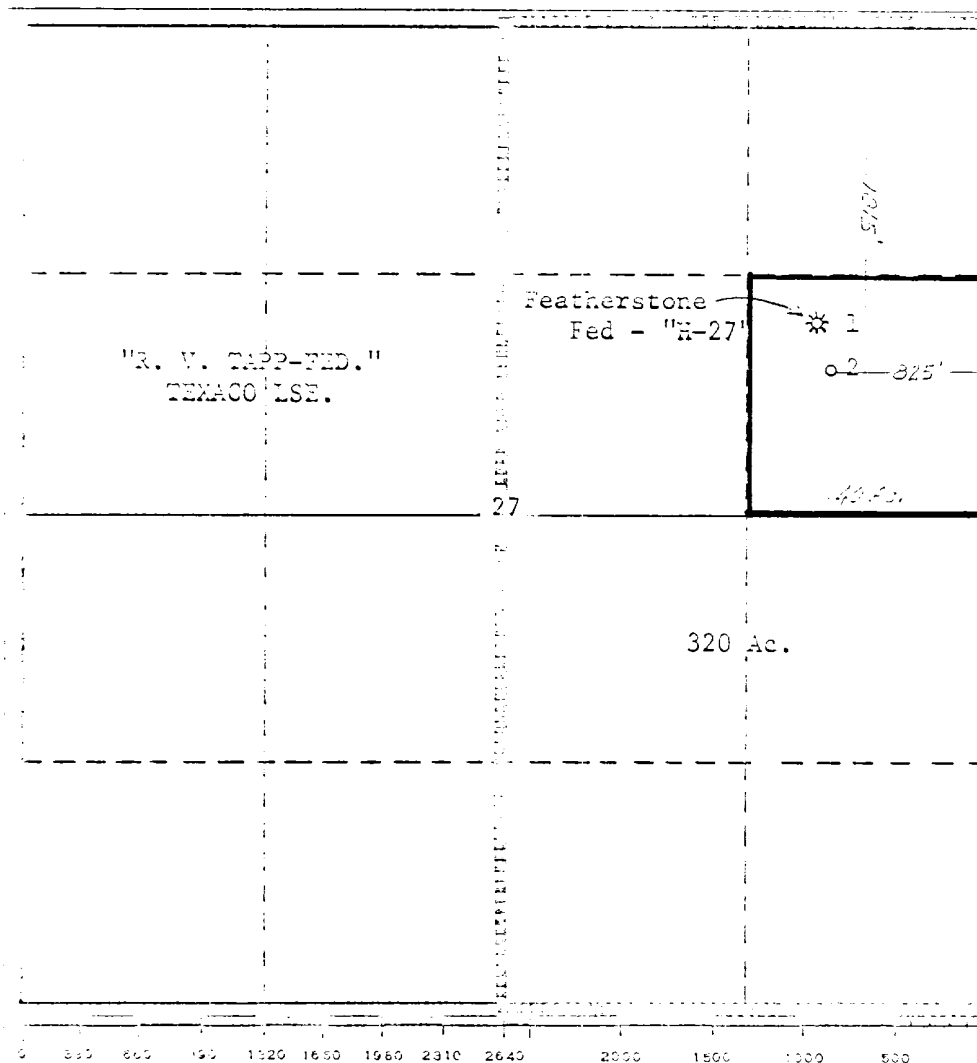
UNDESIGNATED

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



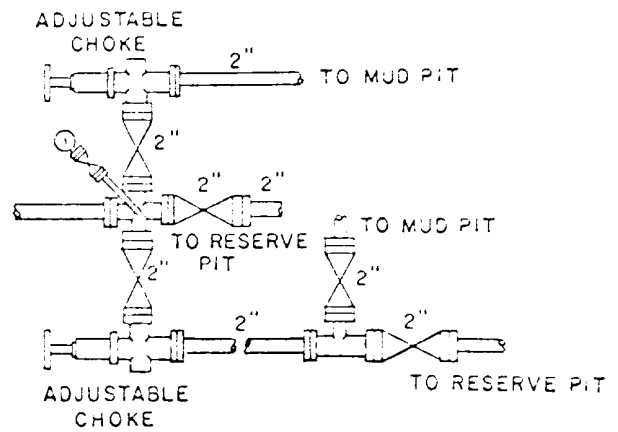
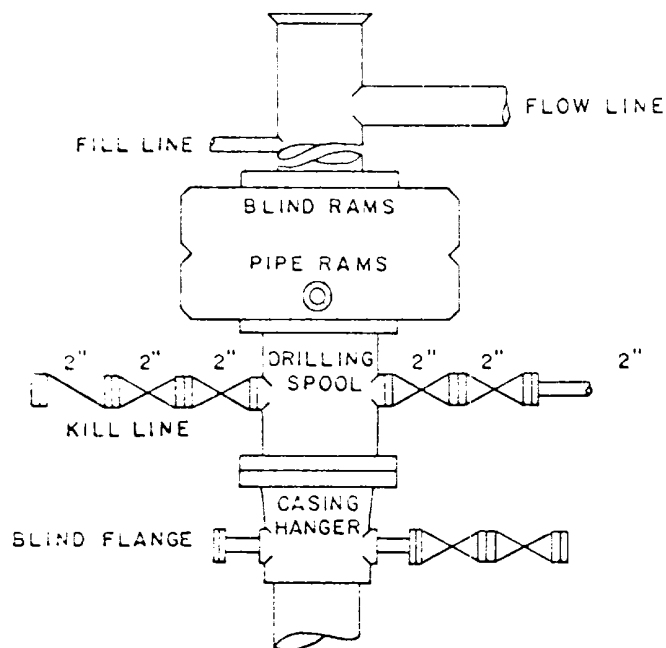
CERTIFICATION

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

Name
Bethel L. Eiland
Position
Civil Engineer
Company
TEXACO Inc.
Date
5/13/74

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
5/7/74
Registered Professional Engineer and/or Land Surveyor
Bethel L. Eiland
Certificate No.
4386



TEXACO, INC.
PRODUCING DEPARTMENT (S. EAST)
MIDLAND, TEXAS



SCALE NONE DATE EST. NO. DRG. NO.

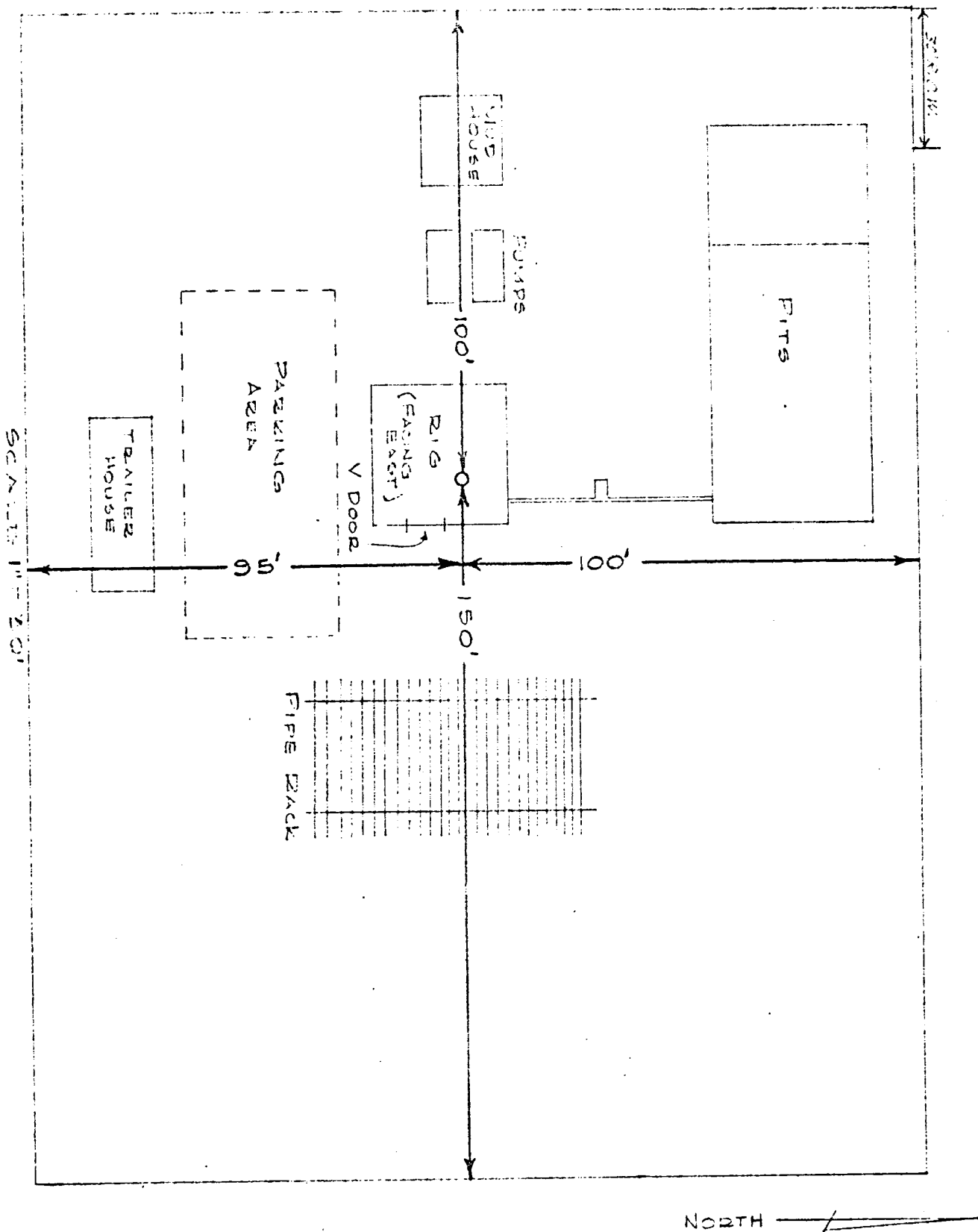
DRAWN BY JWD

CHECKED BY ROW

APPROVED BY

EXHIBIT "B"

H. E. RICHMOND NCT-3 WELL NO. 2

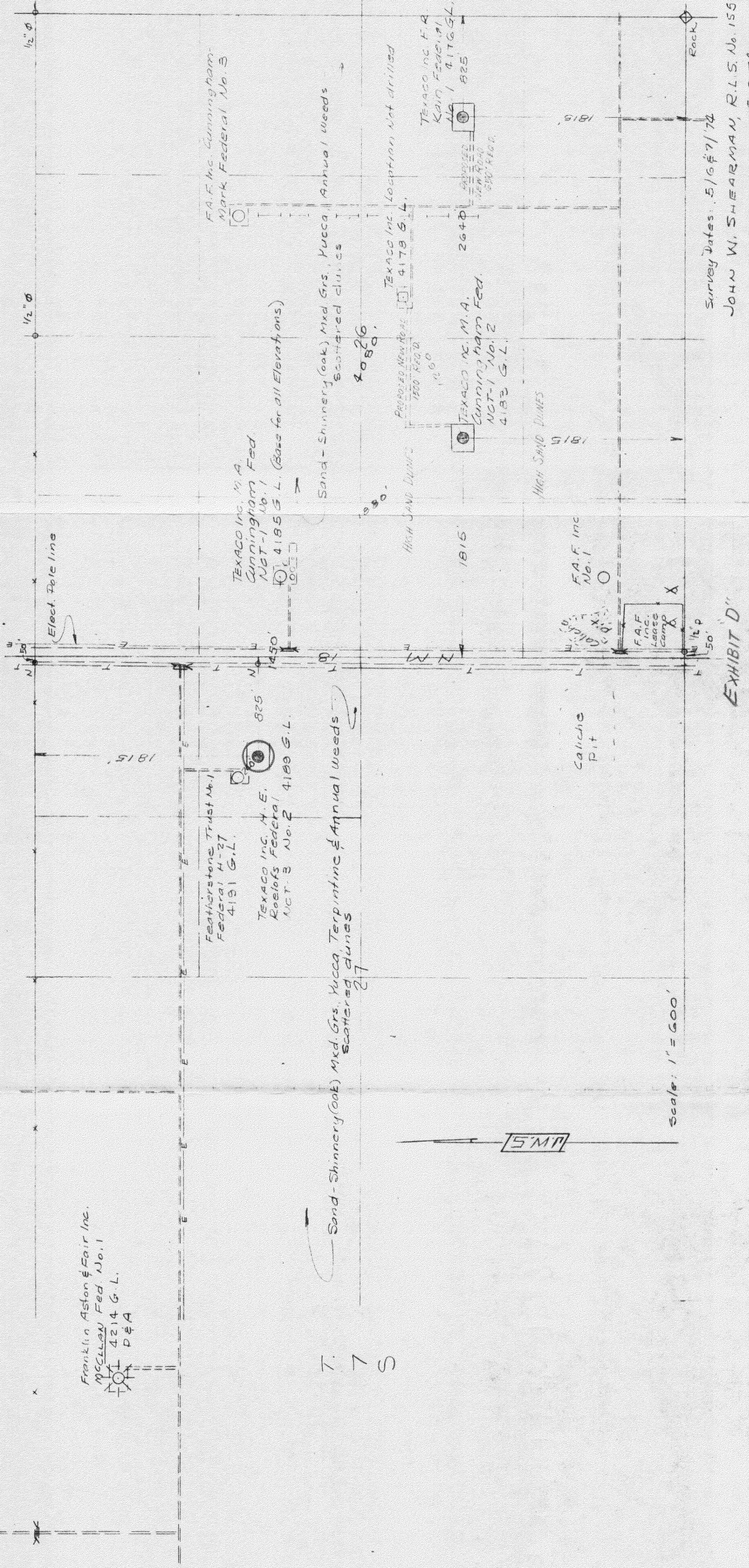


AREA MAP TEXACO INC.

M.A. Cunningham Fed. NCT-1 No. 2 - 1815' FSL & WL Sec. 26, T7S, R35E, NMPM,
E.R. Kain Fed. No. 1 - 1815' FSL, 825' FEL Sec. 26, T7S, R35E, NMPM
H.E. Roelofs Fed. NCT-3 No. 2 - 1815' FSL, 825' FEL Sec. 27, T7S, R35E, NMPM
Roosevelt County, New Mexico.

TEXACO INC.
Roelofs Fed. No. 1
4219 G.L.

Franklin Aston & Fair Inc.
McClure Fed. No. 1
4214 G.L.
D & A



Survey Dates 5/6 & 7/74
JOHN W. SHEARMAN, R.L.S. No. 1559