

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
TEXACO, INC. % MR. DARRELL SMITH

3. ADDRESS OF OPERATOR
P. O. BOX 3109, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 825' FEL & 1815' FSL, Sec. 26, T-7-S, R-35-E
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 Miles North of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 920

16. NO. OF ACRES IN LEASE 920

17. NO. OF ACRES ASSIGNED
TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED, 1st Well
OR APPLIED FOR, ON THIS LEASE, FT. This Field 7750

19. PROPOSED DEPTH 7750

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 4176'

22. APPROX. DATE WORK WILL START*
At Once

5. LEASE DESIGNATION AND SERIAL NO.
IG-062520-A

6. IF INDIAN, ALLIANCE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
E. R. Kain-Fed

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Todd-Wolfcamp

11. SEC., T., R., M., OR B&C.
AND SURVEY OR AREA
Sec. 26, T-7-S, R-35-E

12. COUNTY OR PARISH 13. STATE
Roosevelt New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	350'	*550 Sx. (300% to circulate)
11"	8 5/8"	24# 32#	3500'	*750 Sx. (150% to tie back not required)
7 7/8"	5 1/2"	14# 15.5# 17#	7750'	***1st Stage 500 Sx (150% to tie back not required.) ****2nd Stage 400 Sx (250% to tie back to 3500')

TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH CAN

SEE ATTACHED

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MAY 18 1974
U. S. GEOLOGICAL SURVEY
HOBBS, 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 Bethel L. Elland TITLE Civil Engineer DATE 5/14/74
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUN 3 1974
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

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JUL 15 1974

OIL CONSERVATION COMM.
HOBBES, N. M.

CEMENT PROGRAM

- * 550 Sx Class C w/1% CaCl, 14.8 ppg. 300% to circulate cement must circulate.
- ** 550 Sx TLW 12 ppg followed by 200 Sx Class C w/10# salt/sx & 1/4# floccle/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

Depth	Type	Weight	Viscosity	Water Loss	%RawCrude (Diesel Oil)
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 MMRS - 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" & "C" |
| (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 | :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
BURIED IN A SEPARATE TRASH PIT

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SEP 16 1974
OIL CONSERVATION COMM.
HOUSTON, TEX.

NEW YORK CO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-152
Supersedes O-128
Effective 1-1-65

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

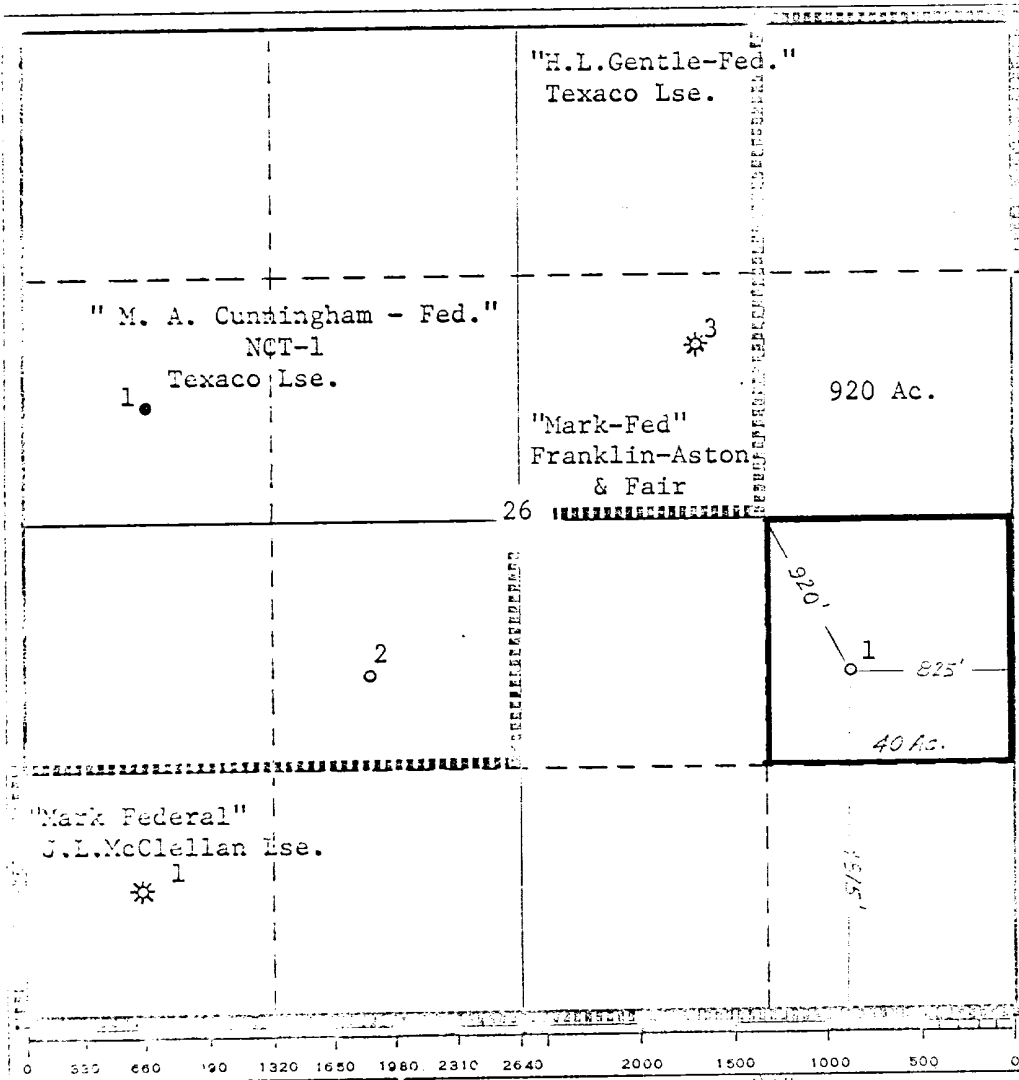
Operator Texaco Inc.			Lease E. R. Kain - Federal		Well No. 1
Tract Letter I	Section 26	Township 7 South	Range 35 East	County Roosevelt	
General Footage Location of Well					
825	feet from the East	line and	1815	feet from the South	line
Ground Level Elev. 4176'	Producing Formation Wolfcamp	Pool Todd Wolfcamp		Consolidated Interests 40 Acres	

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.

Bethel L. Filand
Name

Berhel L. Filand
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

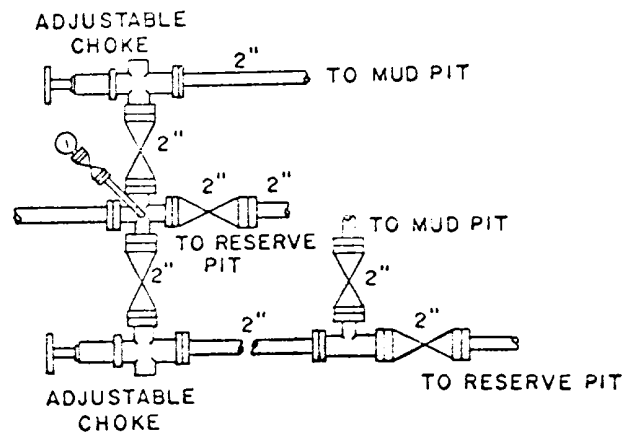
Bethel L. Filand
Bethel L. Filand

Certificate No.
4386

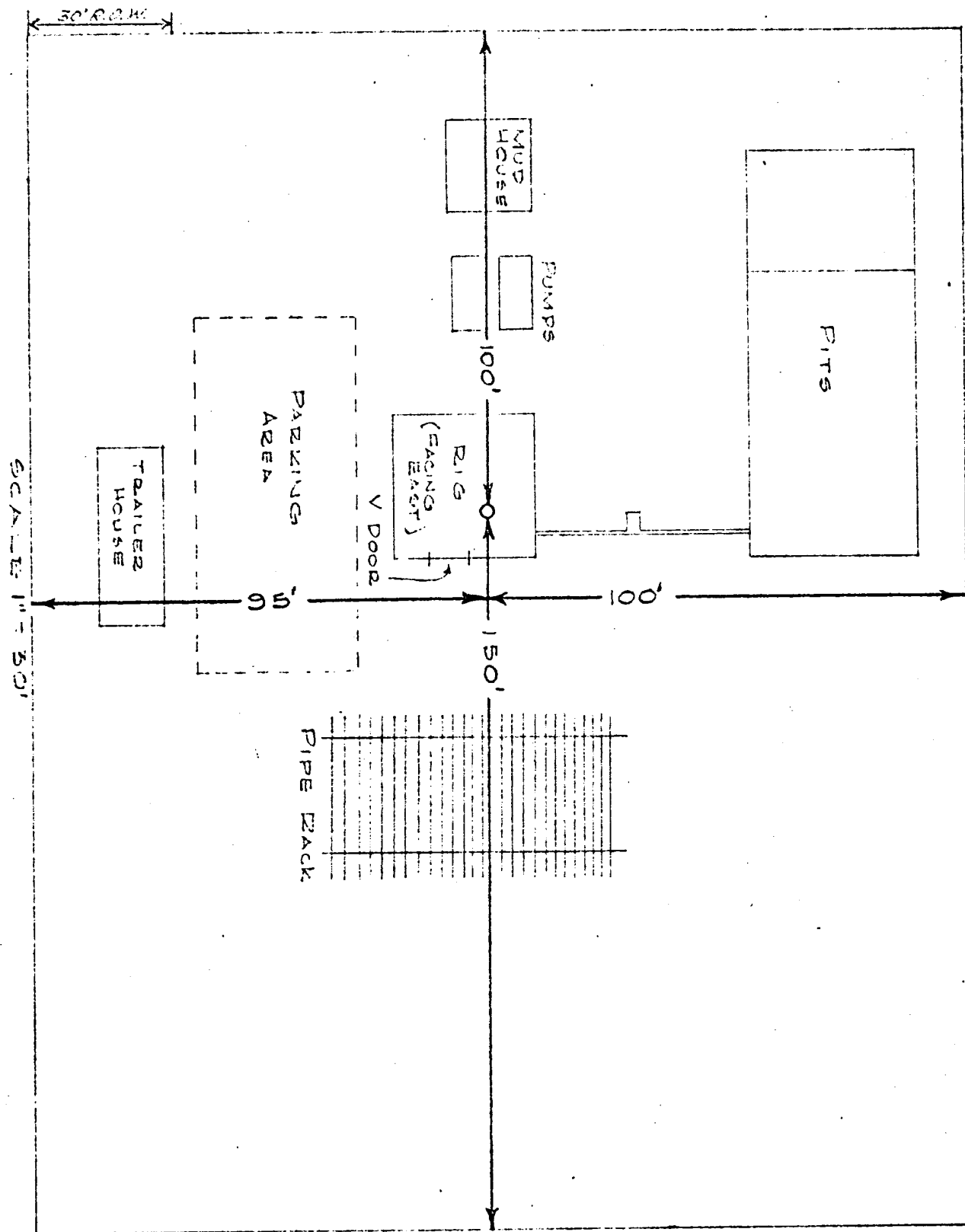
RECEIVED

JUN 16 1974

OIL CONSERVATION COM.
WASH., D. C.



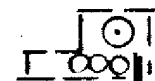
E. R. KAIN FEDERAL WELL NO. 1



NORTH ———

SCALE 1" = 50'

ENGINEER'S OFFICE



TEXACO INC.
Roelofs Fed. No. 1
4218 G.L.

AREA MAP TEXACO INC.

M. A. Cunningham Fed. NCT-1 No. 2 - 1815' FS & 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' FNL, 825' FEL Sec. 27, T7S, R35E, NMPM
Roosevelt County, New Mexico.

R. 35 E.

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

Featherstone Trust No. 1
Federal H-27
4191 G.L.

TEXACO INC. H. E.
Roelofs Federal
NCT-3 No. 2 4189 G.L.

TEXACO INC. M. A.
Cunningham Fed.
NCT-1 No. 1
4185 G.L. (Base for all Elevations)

F. A. F. Inc. Cunningham
Mark Federal No. 3

T.
7
S

Sand - Shinnery (oak) Mxd. Grs. Yucca, Terpentine & Annual Weeds
Scattered dunes

Sand - Shinnery (oak) Mxd. Grs. Yucca, Annual Weeds
Scattered dunes

HIGH SAND DUNES

PROPOSED NEW ROAD
1500' REG. D.
260'

TEXACO INC. Location, Not drilled
4178 G.L.

TEXACO INC. E. R.
Kain Federal
No. 1 4176 G.L.

TEXACO INC. M. A.
Cunningham Fed.
NCT-1 No. 2
4183 G.L.

2640' PROPOSED
NEW ROAD
300' REG. D.

Caliche
Pit

F. A. F. Inc.
No. 1

F. A. F.
Inc.
Lease
Camp

Scale: 1" = 600'

EXHIBIT "D"

Survey Dates: 5/6 & 7/74
JOHN W. SHEARMAN, R.L.S. No. 1559
5-8-74