

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY5. LEASE DESIGNATION AND SERIAL NO.
Fed. Le. No. LC-032100

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **NCT-1****C. H. Lockhart Federal**9. WELL NO.
1010. FIELD AND POOL, OR WILDCAT
Drinkard11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA**Sec. 18, T-22-S, R-38-E**12. COUNTY OR PARISH **Lee** 13. STATE
New Mexico

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.

3. ADDRESS OF OPERATOR

P. O. Box 3109, Midland, Texas

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

At surface

1980' FNL & 660' FEL, Sec. 18

At proposed prod. zone

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

5 Miles SE of Eunice, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. line, if any)

660'

16. NO. OF ACRES IN LEASE

400

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.**1319'**

19. PROPOSED DEPTH

7200'

20. ROTARY OR CABLE TOOLS

Rotary

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

GR-3367'

22. APPROX. DATE WORK WILL START*

At once

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	24	1350'	500 *
6-3/4"	2-7/8"	6.5	7200'	800 **

* 400 Sacks Class "C" 4% gel, followed by 100 Sacks Class "C" Neat. All w/accelerator.
** Externally clean casing & install centralizers and scratchers from 6200' TD. Cement with 600 Sacks Class "C" 8% gel, followed by 200 Sacks Class "C" Neat. Use friction reducer in first 400 sacks to attain turbulent flow. The volume of cement should tie into base of salt.

Anhydrite	1310'
Top salt	1485'
Base salt	2365'
Yates	2645'
Glorieta	5255'
Blinberry	5680'
Tubb	6230'
Drinkard	6560'

Total Depth 7200'**Completion to be through perforations with acid & fracture treatment for stimulation.**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug b. zone. If proposal is to drill or deepen directionally, give pertinent data on sub-preventer program, if any.

Give data on present productive zone and proposed new productive locations and measured and true vertical depths. Give blowout

24.

SIGNED

TITLE

Division Civil Engineer**6/10/64**

(This space for Federal or State office use)

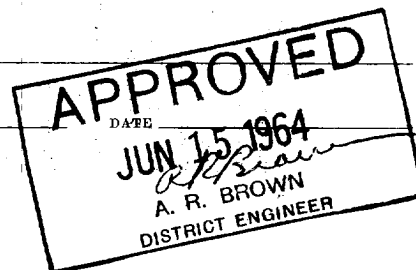
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

FORM C-128
Revised 5/1/57

SECTION 10 0 12 AM '64

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

SECTION B

2 5 7 10

1980'

Edith Butler

2 5 6 10

1319' 660'

Amer. Petrofina Lse.

(18)

Ohio Lse.

1-A 4 4 9

NCT-1 Total: 400 Ac.

1 3 3 8

Markers

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name	J. J. Velten
Position	Division Civil Engineer
Company	TEXACO Inc.
Date	6/10/64

I hereby certify that the well location shown on the plat in **SECTION B** 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 6/9/64

Registered Professional Engineer
and/or Land Surveyor

J. J. Velten

Certificate No. 8174