

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 ☐

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-054031

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

COTTON DRAW UNIT

## 9. WELL NO.

73

## 10. FIELD AND POOL, OR WILDCAT

North Paduca - Delaware

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 4, T-25-S, R-32-E

## 12. COUNTY OR PARISH

Lea

## 13. STATE

New Mexico

## 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 79701

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

At surface

554'FN&amp;EL, Section 4, T-25-S, R-32-E

At proposed prod. zone

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

21 miles South of Magala, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

5834'

## 16. NO. OF ACRES IN LEASE

35,146.30

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

159.62

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1204'

## 19. PROPOSED DEPTH

4900'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GR - 3501'

## 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#, 15.28#	475'	*300 sx - 300% to circ.
6 3/4"	4 1/2"	9.5#, 9.5#	4900'	**150 sx - 200% to tie back to base of salt

\*Cement w/300 sx Class "C" w/1% CaChl. - 14.8#/gal (300% to circ.) Cement must circ.

\*\*Cement with 150 sx Class "C" w/10#/sx salt, 14.8#/gal. (200% to tie back to base of salt)  
Centralizers 4 - TD.

## COMPLETION PROGRAM

1. Perf. upper sand - 2 JSPF. 2. Treat w/500 gals. 15% N.E. acid. 3. Swab  
test. 4. If necessary only: Frac w/2000 gal. lse oil - 2000# 10-20 Sand.

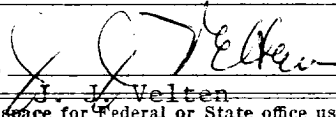
## FORMATION TOPS EXPECTED

Dewey Lake 465'  
Top Anhydrite 880'Base of Salt 4510'  
Delaware Sand 4745'  
Total Depth 4900'

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

  
J. J. Velten

TITLE Division Civil Engineer

DATE 11/26/68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

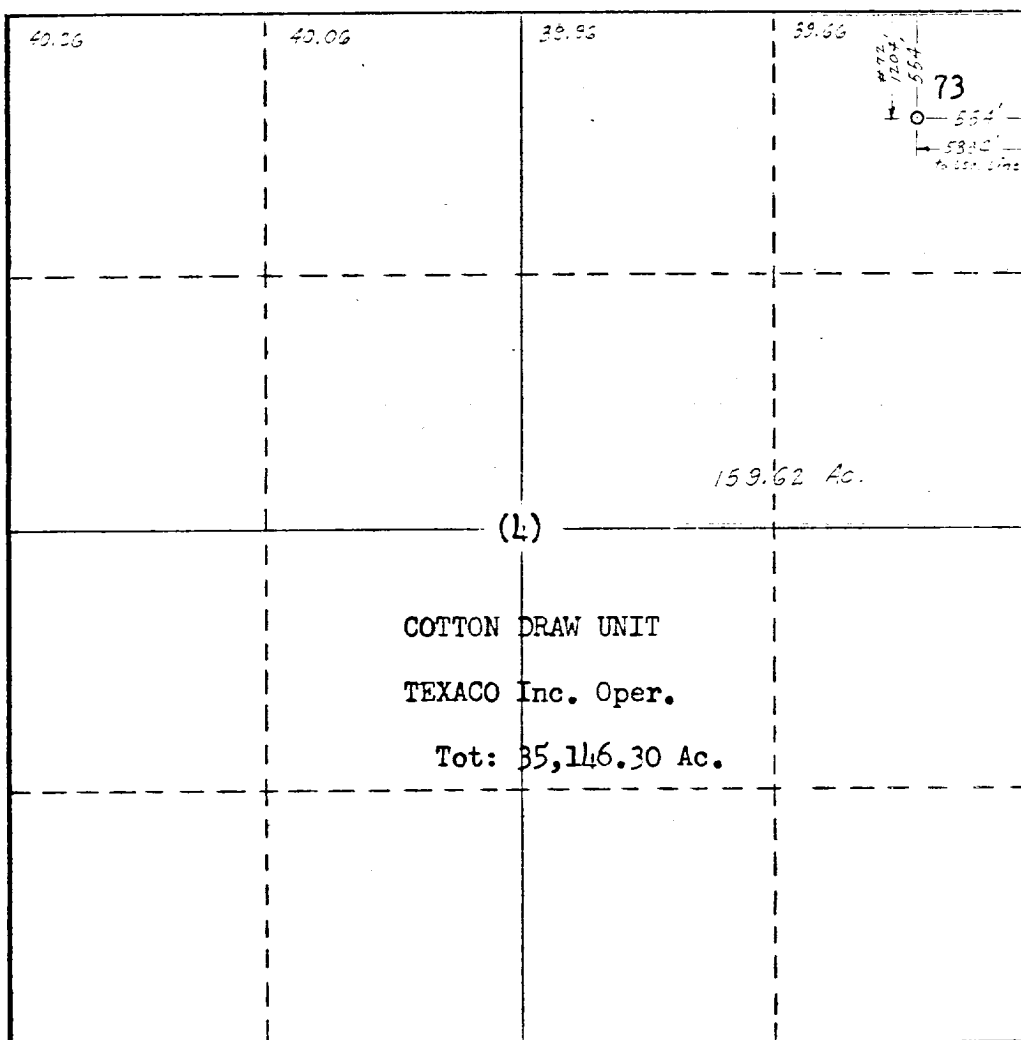
Operator <b>TEXACO Inc.</b>		Lease <b>Cotton Draw Unit</b>		Well No. <b>73</b>
Unit Letter <b>A</b>	Section <b>4</b>	Township <b>25 South</b>	Range <b>32 East</b>	County <b>Lea</b>
Actual Footage Location of Well: <b>554</b> feet from the <b>North</b> line and <b>554</b> feet from the <b>East</b> line <b>Sec. 4</b>				
Ground Level Elev. <b>3501</b>	Producing Formation <b>Delaware Sand</b>	Pool <b>North Paduca-Delaware</b>	Dedicated Acreage: <b>159.62</b> 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 Unitization & Development Agreement

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.

Name J. J. Velten  
Position Division Civil Engineer  
Company TEXACO Inc.

Date 11/26/68

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 11/25/68

Registered Professional Engineer and/or Land Surveyor

J. J. Velten

Certificate No. 8174