

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WELL DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0434393 A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR TEXACO Inc.		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR P. O. Box 3109, Midland, Texas		8. FARM OR LEASE NAME N. C. Higgins - Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' 1980' SL & FWL Sec. 8, T-26-S, R-32-E At proposed prod. zone		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 29 Miles West of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED North Mason - Delaware	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-26-S, R-32-E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st Well 4650		12. COUNTY OR PARISH 13. STATE Lea New Mexico	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Gr. Not Available		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
23. PROPOSED CASING AND CEMENTING PROGRAM		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* At once			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	24#	320'	*200sx (300% to Circulate)
6-3/4"	4-1/2"	9.50#	4650'	**150 sx (200% to tie back to evaporite Section)

*200 sx Class "C" w/10% CaC/z, 14.8#/gal. (300% to Circulate) Cement must Circulate
** 150 sx "C" w/10#/sk Salt, 14.8# gal. (200% to tie back to evaporite Section)
Centralizers 4350'to TD

COMPLETION PROGRAM

L. Perf 2 JSPF 2. Treat w/500 gals 15% NEA followed by 2000 gals refined oil - 2000#
10-20 Sand frac

FORMATION TOPS EXPECTED

Dewey Lake	310'	Castile	2600'
Rustler	990'	Lamar LS	4385'
Salado	1360'	Delaware Sd	4410'

TOTAL DEPTH 4650

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 Division Civil Engineer

DATE 8/6/69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AUG 7 1969
ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION

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

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

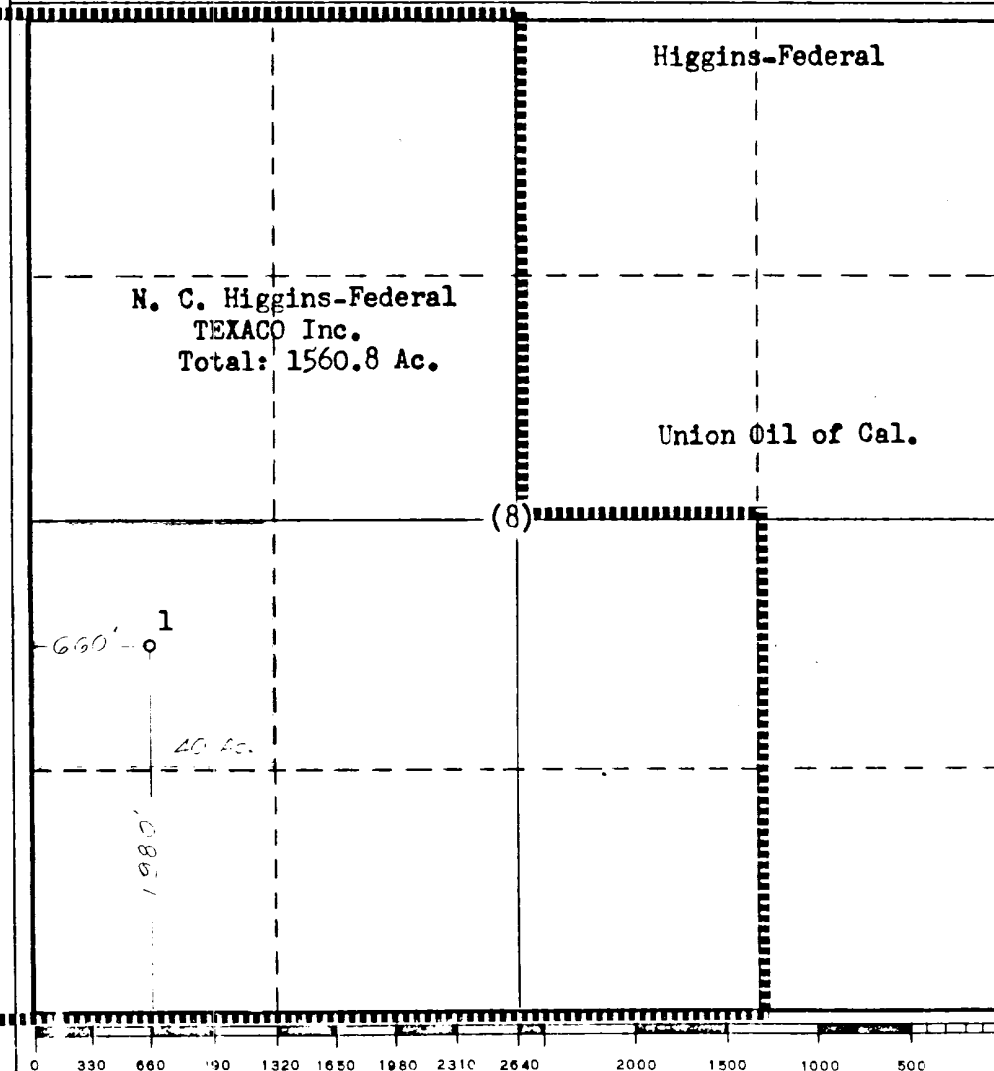
Operator TEXACO Inc.		Lease N. Higgins-Federal		Well No. 1
Unit Letter L	Section 8	Township 26 South	Range 32 East	County Lea
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the West line Sec. 8				
Ground Level Elev. Not Available	Producing Formation Delaware Ss.	Pool North Mason-Delaware	Dedicated Acreage: 40 Acres	

- 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 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
8/6/69

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
8/5/69

Registered Professional Engineer and/or Land Surveyor

J. J. Velten

Certificate No. **8174**