

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. 0132237	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1031, Midland, Texas 79701			8. FARM OR LEASE NAME Hicks Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL and 1980' FWL of Section 15, T24S, R32E At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 miles East to Jal, New Mexico			10. FIELD AND POOL, OR WILDCAT Undesignated Double-X Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA 15, T24S, R32E	
16. NO. OF ACRES IN LEASE 80			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5000'			19. ROTARY OR CABLE TOOLS Rotary	
20. ELEVATIONS (Show whether DF, RT, GR, etc.) 3589.5 GR			21. APPROX. DATE WORK WILL START* When permit approved	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	350	Sufficient to circulate
7-7/8"	4-1/2"	10.5#	5000	Sufficient for TOC above 3500'

1. Drill 11" hole to 350'.
2. Run & cement 8-5/8" 24# ST&C casing, circulate cement. WOC 12 hours.
3. Drill 7-7/8" hole to TD.
4. Run Gamma Ray-Sonic and Laterolog from TD to base of surface pipe.
5. Run & cement 4-1/2" 10.5#/ft. K-55 casing to TD. Bring cement top above 3500'.

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 <i>Carley Hattum</i>		TITLE Senior Production Clerk	DATE 10-20-70
(This space for Federal or State office use)			
PERMIT NO. _____			
APPROVED BY _____			
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.

U.S. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

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OIL CONSERVATION COMM.
HOBBES, N. H.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-126
Effective 1-1-65

All distances must be from the outer boundaries of the Section

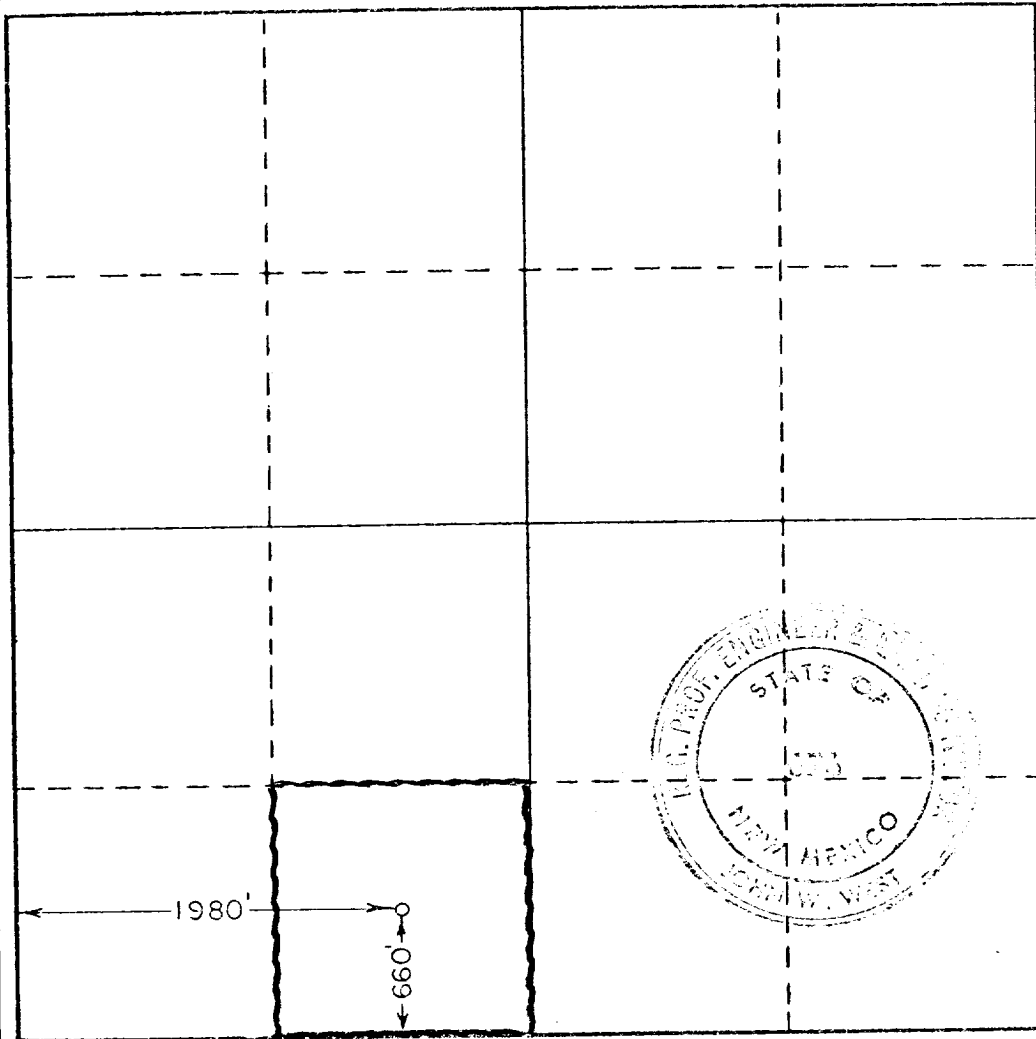
Operator TENNECO OIL COMPANY			Lease HICKS Federal		Well No. 1
Unit Letter N	Section 15	Township 24 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the WEST line					
Ground Level Elev. 3589.2	Producing Formation Delaware Sand	Pool Undesignated (Double-X Delaware)		Dedicated Acreage: 40 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 _____

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 _____
 Position *John W. West*
District Drilling Engineer
 Company
Tenneco Oil Company
 Date
October 20, 1970

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
OCTOBER 14, 1970
 Registered Professional Engineer
 and/or Land Surveyor

John W. West
 Certificate No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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OIL CONSERVATION COMM.
HOBBES, N. H.