

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <div style="display: flex; justify-content: space-around;">DRILL <input checked="" type="checkbox"/>DEEPEN <input type="checkbox"/>PLUG BACK <input type="checkbox"/></div>					5. LEASE DESIGNATION AND SERIAL NO. SF 077416A				
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
2. NAME OF OPERATOR Tenneco Oil Company					7. UNIT AGREEMENT NAME				
3. ADDRESS OF OPERATOR Suite 1200 Lincoln Tower Bldg., Denver, Colo.					8. FARM OR LEASE NAME Dana				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1450' F/SL and 1090' F/WL At proposed prod. zone 26 int 5					9. WELL NO. 5				
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*					10. FIELD AND POOL, OR WILDCAT Basin Dakota				
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)					11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T 29 N, R 8 W				
16. NO. OF ACRES IN LEASE					12. COUNTY OR PARISH San Juan				
17. NO. OF ACRES ASSIGNED TO THIS WELL 320					13. STATE New Mexico				
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.					20. ROTARY OR CABLE TOOLS Rotary				
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6397.0 GR					22. APPROX. DATE WORK WILL START* Upon Approval				
23. PROPOSED CASING AND CEMENTING PROGRAM									
SIZE OF HOLE		SIZE OF CASING		WEIGHT PER FOOT		SETTING DEPTH		QUANTITY OF CEMENT	
12-1/4		8-5/8		24		150		Sufficient to Circulate	
7-7/8		4-1/2		10.5		7550		As Directed by USGS	

Well to be drilled to approximate T. D. of 7550', log and if commercial production is indicated, run 4-1/2" casing to T. D. Cement as directed by USGS. Perforate casing and treat formation as necessary to establish commercial production. B. O. P. to be tested each 24 hours.



JAN 23 1973

U. S. GEOLOGICAL SURVEY

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 W L Shaver TITLE Sr. Production Clerk DATE 1/18/73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

Operator TENNECO OIL COMPANY			Lease DANA		Well No. 5
Unit Letter L	Section 23	Township 29 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 1450 feet from the SOUTH line and 1090 feet from the WEST line Ground Level Elev. 6397.0 Producing Formation Dakota Pool Basin Dakota Dedicated Average Acres 320					

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 (including 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 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.



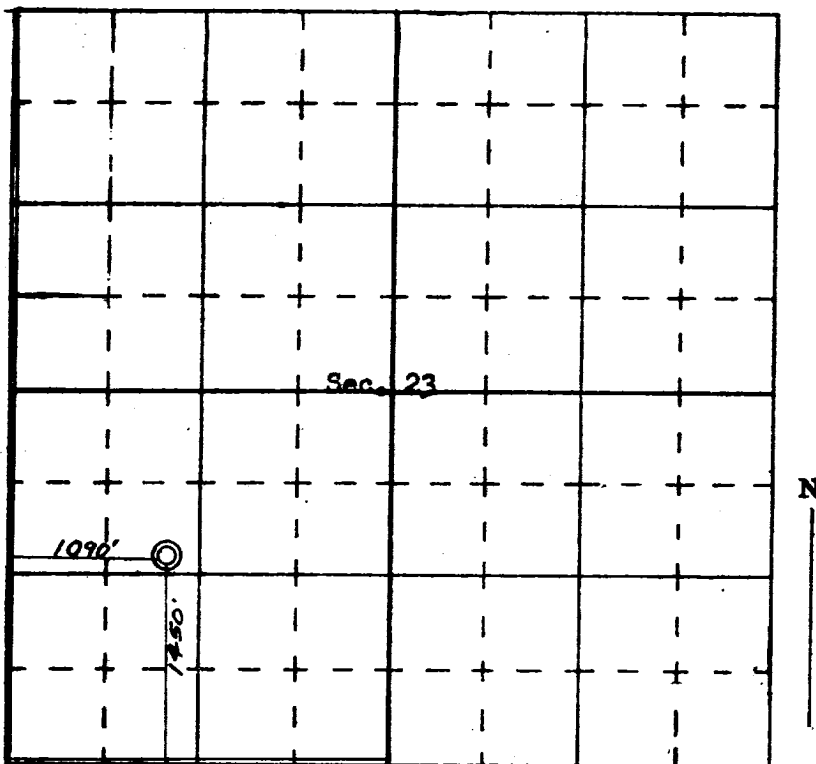
CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

W L Shaver
 Name _____
 Position **W. L. Shaver**
Sr. Production Clerk
 Company **Tenneco Oil Company**
 Date **1/18/73**

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.

18 December, 1972
 Date Surveyed _____
 Registered Professional Engineer
 and/or Land Surveyor
JAMES P. LEESE
1463
 Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.