

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

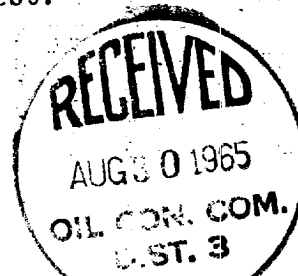
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 078146
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE 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 Box 1714, Durango, Colorado		8. FARM OR LEASE NAME Newberry "A"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790' FNL 990' FEL At proposed prod. zone Same		9. WELL NO. # 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota
10. 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. 8, T31N, R12W
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH San Juan
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 7225		13. STATE N.M.
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5990 GR		22. APPROX. DATE WORK WILL START* August 24, 1965

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#	250	125 sacks
7-7/8	4-1/2	9.5#	7225	1st stage 300 sacks
				2nd stage sufficient to circulate cement to surface

We propose to rig up drill to approximately 7225. Set long string casing with stage collar set at approximately 5000. Cement w/2 stages. Log. Perforate and frac Dakota formation and complete. Run 2-3/8" tubing and test.

CORRECTED COPY



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. Original Signed By
HAROLD C. NICHOLS
SIGNED H. C. Nichols TITLE Senior Production Clerk DATE 8-20-65
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: