

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF078385
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Dual SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" 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 Florance
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FNL 1650' FEL At proposed prod. zone		9. WELL NO. # 39
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles		10. FIELD AND POOL, OR WILDCAT MV & Basin Dakota-Blanco
16. 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. 35, T30N, R8W
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH San Juan
16. NO. OF ACRES IN LEASE 320		13. STATE New Mexico
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		
19. PROPOSED DEPTH 7086		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5961 GL		22. APPROX. DATE WORK WILL START* 7-30-65

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/4"	4-1/2"	11.6 & 10.5#	7086	200 sx. 1st stage
				2nd stage sufficient cement to circulate to surface

Move in rig, set 7" retainer, test 7" casing for leaks and repair if necessary. Squeeze cement open hole interval, dress off cement plug to 10' below. 7" casing shoe, set 3 deg. Knuckle Jt. and drill with gas from TD 5235' to approximate TD of 7086'. Run 4-1/2" casing from surface to T.D. Cement with 2 stage collar approx. 500' above top of Mesaverde section. 2nd stage cementing to have sufficient volume to circulate to surface. Perforate and frac Mesaverde and Dakota sections, run packer for zone separation, run tubing for Dakota production and Mesaverde through tubing casing annulus.

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JUL 21 1965
OIL CON. COM.
DIST. 3

RECEIVED
JUL 20 1965
FARMINGTON

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 measurements and proposed depth. Give blowout preventer program, if any.

24. Original Signed By: J. H. WATKINS
SIGNED J. H. Watkins TITLE District Office Supv.
(This space for Federal or State office use)

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