

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-11425.

*Copy made*

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. NM03561	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> 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 F- 720 So. Colorado Blvd., Denver, Colorado 80222			8. FARM OR LEASE NAME Sullivan Gas Unit "A"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FSL 810' FWL			9. WELL NO. 1E	
At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Basin Undes. Bloomfield Dakota M.V. Chacra	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 miles SE of Bloomfield			11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA 27 Sec. 25, T20N, R11W	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit lide, if any)		16. NO. OF ACRES IN LEASE 915.29	17. NO. OF ACRES ASSIGNED TO THIS WELL 320/160/160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 6400'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5589 GR			22. APPROX. DATE WORK WILL START* July 1980	

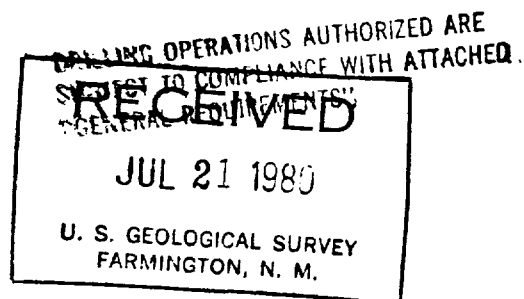
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±250'	Circulate to surface
8 3/4"	7" new	23#	±4700'	Circulate to surface
6 1/4"	4 1/2" new	10.5#	±6400'	Circulate to liner top

See Attached.

The gas is dedicated.

This action is subject to administrative  
appeal pursuant to 30 CFR 290.



ON 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 M. L. Freeman TITLE Staff Production Analyst DATE July 16, 1980

(This space for Federal or State Officer Use)

PERMIT NO. AS AMENDED

APPROVAL DATE

APPROVED BY R. J. Smith TITLE DISTRICT ENGINEER  
for JAMES F. SIMS

BEFORE EXAMINER STOGNER  
OIL CONSERVATION DIVISION

EXHIBIT NO. 16  
CASE NO. 4262

\*See Instructions On Reverse Side

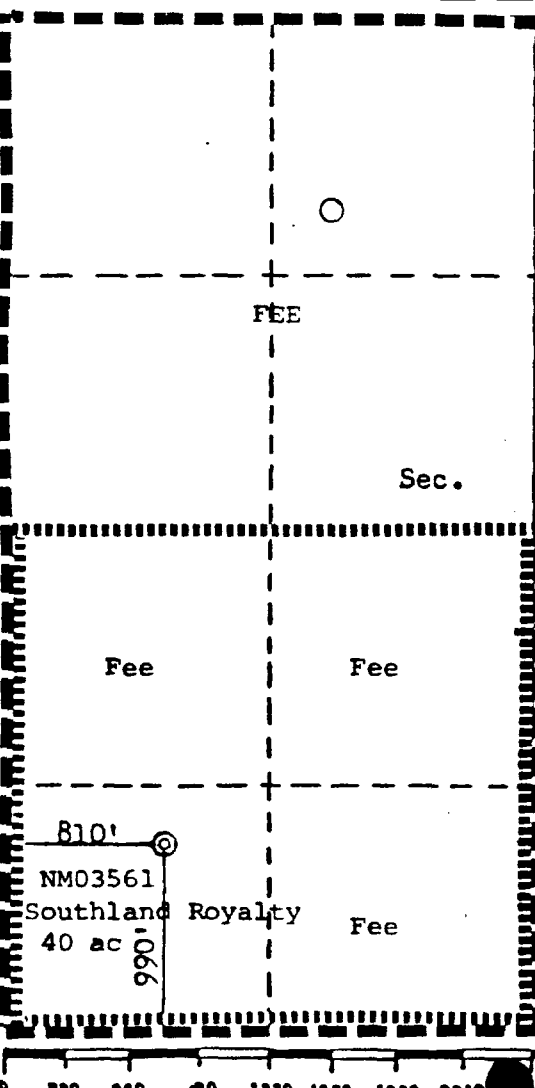
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2048

**SANTA FE, NEW MEXICO 87501**

Form C-102  
Revised 10-1-78

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

	<b>RECEIVED</b> JUL 21 1980 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.
	<b>CERTIFICATION</b>
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
	<i>M. L. Freeman</i> Name M. L. Freeman
	Position Staff Production Analyst
Company Tenneco Oil Company	
Date July 16, 1980	
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.	
BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION <i>Tenneco</i> EXHIBIT NO. <i>16A</i> CASE NO. <i>8262</i>	
Date Surveyed <i>June 13, 1980</i> Registered Professional Engineer and/or Land Surveyor <i>Fred B. Kerr Jr.</i> Certificate No. <i>3950</i>	