

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REQUIREMENT IN TRIPLICATION
SUBJECT: PRODUCTION OF
HYDROCARBONS

Form Approved
Budget Bureau No. 42-111-1

30-045-25957

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"/>			3. LEASE DESIGNATION AND SERIAL NO. SF-078046	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <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 3249, Englewood, CO 80155			8. FARM OR LEASE NAME Hughes	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FNL, 1520' FWL			9. WELL NO. 1E	
At proposed prod. zone Same			10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 8 miles East of Blanco, NM			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA C Sec. 21, T29N, R8W	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'			12. COUNTY OR PARISH San Juan	
16. NO. OF ACRES IN LEASE 2538.24			13. STATE NM	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 7651'			14. NO. OF ACRES ASSIGNED TO THIS WELL W 320	
18. PROPOSED DEPTH 7651'			15. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6452' GR			22. APPROX. DATE WORK WILL START* ASAP	

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"	36#	±250'	Circ. to surface
8-3/4"	7"	23#	±3751'	2 stage - circ to surface
6-1/4"	4-1/2"	11.6#, 10.5#	±7651'	Circ to liner top

See Attached Drilling Procedure

Gas is Dedicated

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: Ken Russell TITLE: Sr. Production Analyst DATE: August 19, 1982

(This space for Federal or State office use)

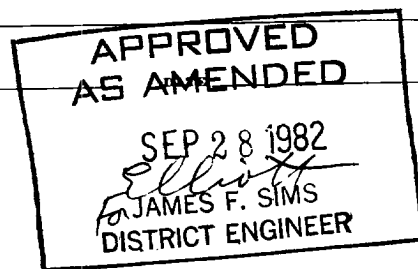
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ch7

NM000



All distances must be from the outer boundaries of the Section

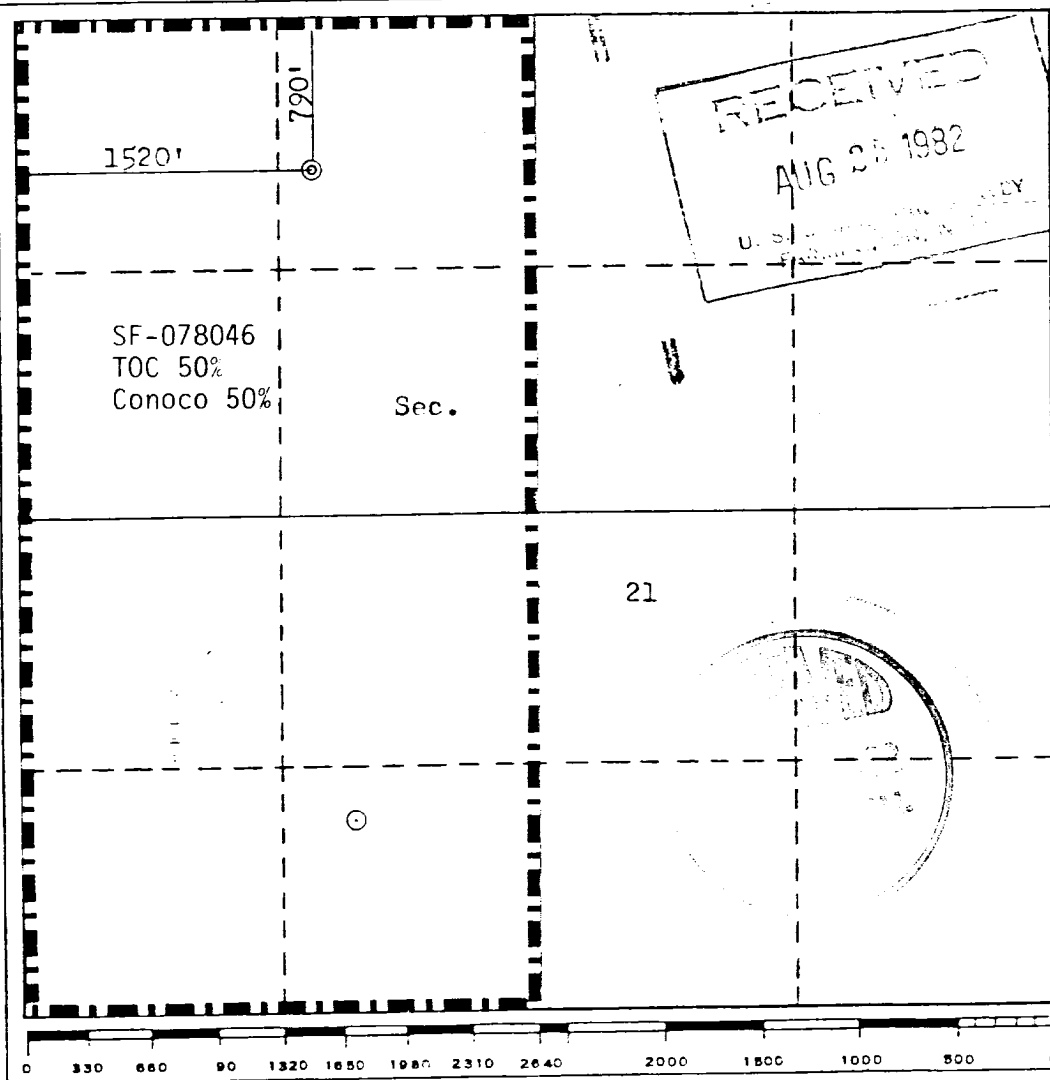
Operator: TENNECO OIL COMPANY		Lease: HUGHES		Well No.: 1E
Unit Letter C	Section 21	Township: 29N	Range 8W	County San Juan
Actual Footage Location of Well: 790 feet from the North line and 1520 feet from the West line				
Ground Level Elev. 6452	Producing Formation: Dakota	Pool: Basin Dakota	Dedicated Acreage: W 320 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
Ken Russell
Position
Sr. Production Analyst
Company
Tenneco Oil E & P
Date
July 20, 1982

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
May 28, 1982
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.

Certificate No.
3950