

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. NM 016746	
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 P. O. Box 3249 Englewood, Colorado 80155				8. FARM OR LEASE NAME Horton	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1450' FNL, 1800' FWL  At proposed prod. zone same				9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 mi East of Aztec, N.M.				10. FIELD AND POOL, OR WILDCAT Blanco PC	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 840'		16. NO. OF ACRES IN LEASE 1134.59		17. NO. OF ACRES ASSIGNED TO THIS WELL <del>453.93</del> 159.10	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 3237'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6192 GR				22. APPROX. DATE WORK WILL START* ASAP	
23. PROPOSED CASING AND CEMENTING PROGRAM DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "CERIAL" RECOMMENDATIONS				This action is subject to technical and procedural review pursuant to 43 CFR 3165.8 and appeal pursuant to 43 CFR 3165.4.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		
12 1/4"	8 5/8"	24#, K-55	+ 200'	Circ to surface	
7 7/8"	4 1/2"	10.5#, K-55	+ 3237'	Circ to surface	

See Attached Drilling Procedure

See Item 1.B. in Surface Use Plan and Map 2 for BLM Right-of-Way Application

RECEIVED  
JUL 27 1988  
OIL CON. DIV.  
DIST. 3

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 Mike J. J. J. TITLE Staff Analyst DATE 6/13/88  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED  
AS AMENDED

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ JUL 27 1988

not warrant that the applicant holds legal or equitable rights or title to this lease.  
Held in fee for acreage Consolidation  
NADOC

AREA MANAGER

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

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

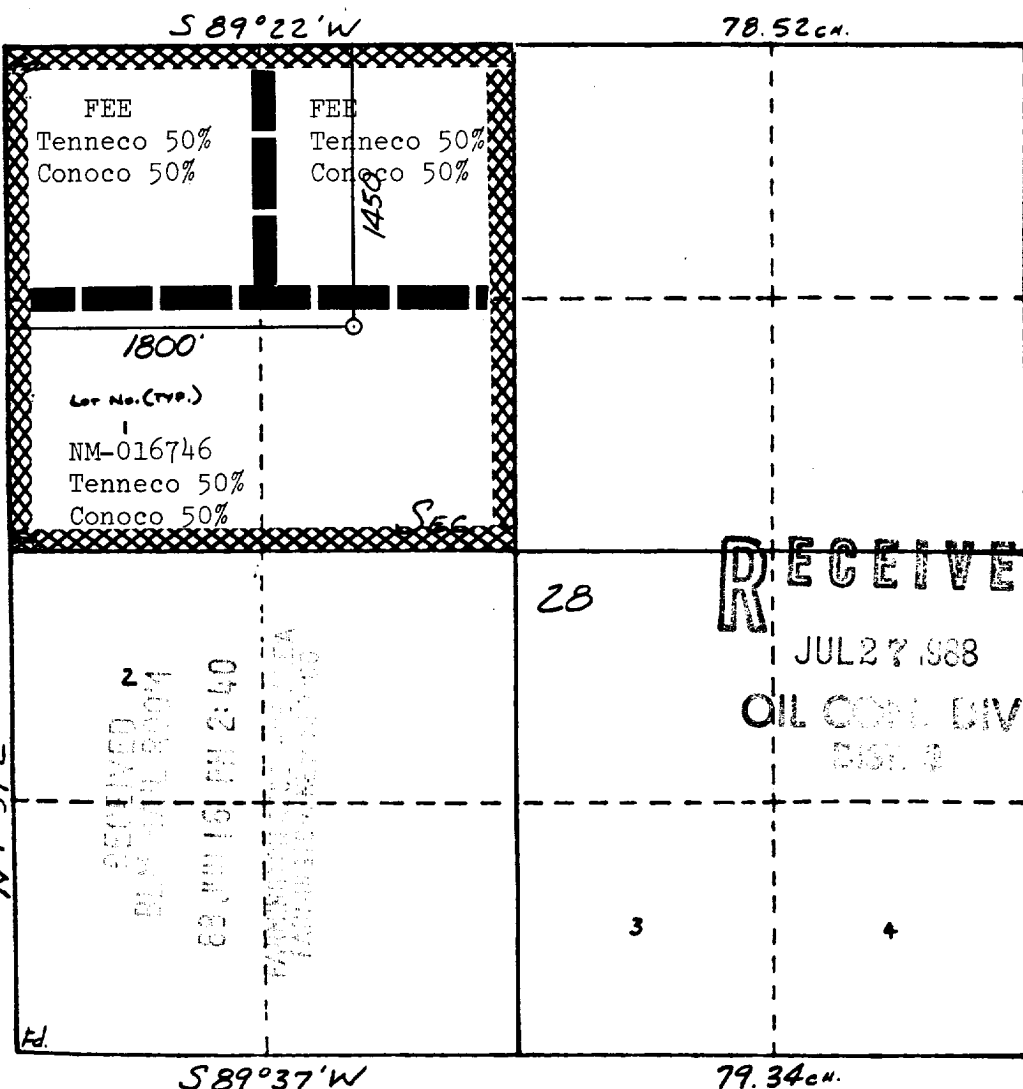
Operator <b>TENNECO OIL COMPANY</b>			Lease <b>HORTON</b>		Well No. <b>2</b>
Unit Letter <b>F</b>	Section <b>28</b>	Township <b>31 N</b>	Range <b>9 W</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well: <b>1450</b> feet from the <b>North</b> line and <b>1800</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6192</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Blanco PC</b>	Dedicated Acreage: <b>153.93</b> <b>159.10</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Communitization in progress

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  
**Administrative Analyst**  
Company  
**Tenneco Oil Co**  
Date  
**6/3/88**

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  
**6/3/88**  
Registered Professional Engineer and Surveyor  
**WILLIAM B. BARNES II**  
Certificate No. **88466**

Existing BLM  
ROW Appl.

248 249 250 251 252

30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Cabin Canyon

Little Canyon

Alamo Canyon

Hart Mountain

Alamo Spring

Valancia Spring

Caballo Spring

BLM ROW ± 9200'

FEE Surface

pump

Map 2

HORTON 2

BLM Right-of-Way  
S/2, Sec 29, T31N, R9W - + 5800'  
NESE, NE/4, Sec 30, T31N, R9W - + 3400'

Remainder of Access from Hwy 550 has pending  
ROW Appl - (APD Barrett 13)

250

25147' 30"

252

Map 2

HORTON 2

BLM Right-of-Way  
S/2, Sec 29, T31N, R9W - + 5800'  
NESE, NE/4, Sec 30, T31N, R9W - + 3400'

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Caballo  
Spring