

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25797

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE BONE ☐ MULTIPLE BONE ☒

c. NAME OF OPERATOR
Tenneco Oil Company

d. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

e. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1580' FSL, 890' FEL

At proposed prod. hole
Same as above

f. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approximately 7 miles NE of Bloomfield, NM

g. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest 8 1/2" unit line, if any)
890'

h. NO. OF ACRES IN LEASE
480

i. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
6880'

j. PROPOSED DEPTH
6880'

k. NO. OF ACRES ASSIGNED TO THIS WELL
320/320 E/324.61 S/323.00

l. ROTARY OR CABLE TOOLS
Rotary

m. ELEVATIONS (Show whether DF, RT, GR, etc.)
5768' GR

n. DRILLING OPERATIONS AUTHORIZED AND SUBJECT TO DEVELOPMENT NEW FEDERAL

o. APPROX. DATE WORK WILL START
ASAP

p. PROPOSED CASING AND CEMENTING PROGRAM

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

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#	+ 4950'	Circ to surface - 3 stages
6 1/4"	4 1/2"	11.6#, 10.5#	+ 6880'	Circ to liner top

RECEIVED

SEP 6 - 1983

OIL CON. DIV.
DIST. 3

See attached

The gas is dedicated.

This well was previously permitted as the Houck 1E (1110' FSL, 950' FEL) on 3/3/81.
This permit has since been resinded.

This APD also serves as a right-of-way application for the offlease access road.

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 prevention program, if any.

24. SIGNED Denise Wilson TITLE Production Analyst

DATE 8/9/83

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE

Hold 104 for
consolidation of acreage
ck 2

*See Instructions On Reverse Side

APPROVED

AS AMENDED

DATE AUG 31 1983

AREA MANAGER
FARMINGTON RESOURCE AREA

NM OCC

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-107

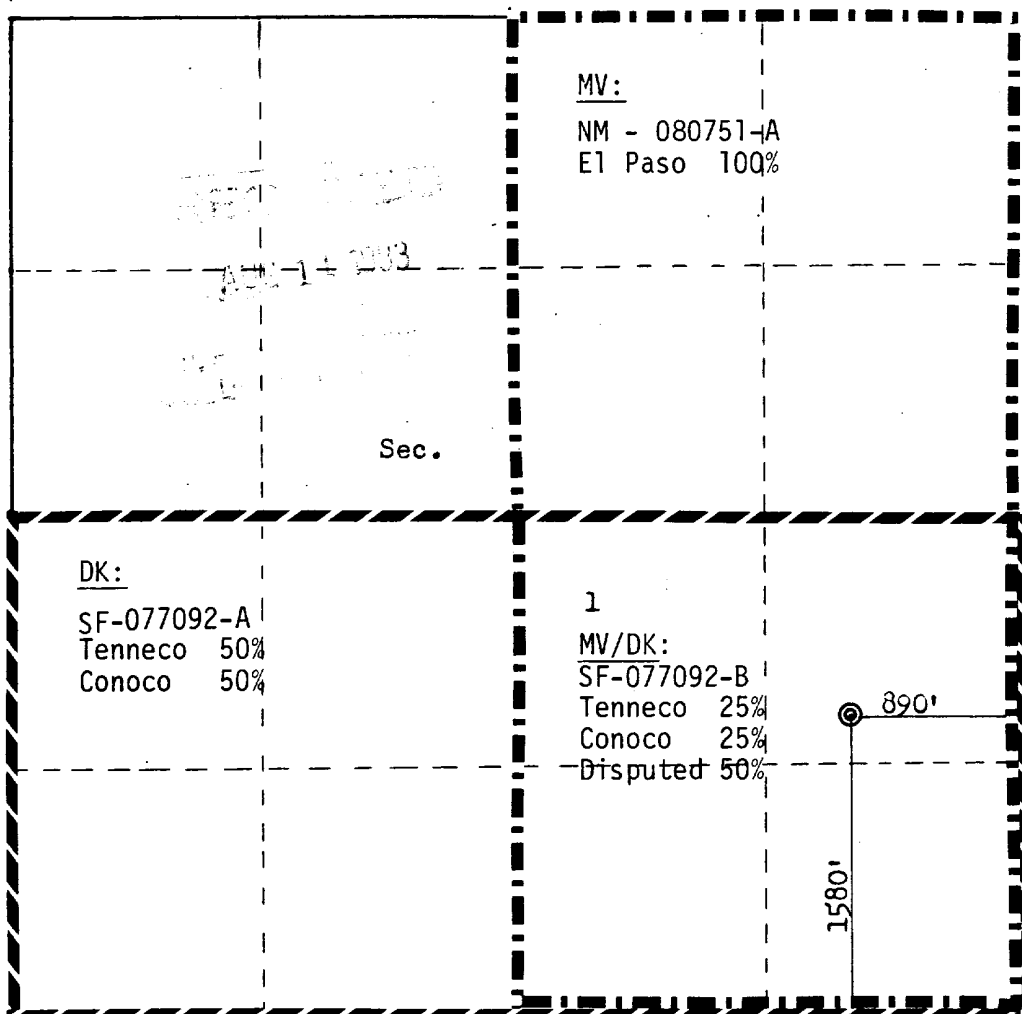
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

Operator TENNECO OIL COMPANY		Lease HOUCK		Well No. 1
Unit Letter I	Section 1	Township 29N	Range 10W	County San Juan
Actual Footage Location of Well: 1580 feet from the South line and 890 feet from the East line				
Ground Level Elev. 5768	Producing Formation Mesaverde/Dakota	Pool E/2 S/2 Blanco Mesaverde/Basin Dakota	Dedicated Acreage: 324.61 Acres 320.320	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership, interest and royalty.</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>Communitization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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.</p>				



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>Denise Wilson</i>
Position	Production Analyst
Company	Tenneco Oil
Date	July 29, 1983
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	July 8, 1983
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kern Jr.</i>
Certificate No.	3950

FORM 24-11

Map No. 1

Access Roads:

- Purple: $\pm 900'$ Rehab (presently in the form of a two-track road)
- Orange: $\pm 300'$ off lease (requires ROW)
- Green: $\pm 300'$ new Construction

RIOW

Houck 1

SF077092B

SF077092

Vicinity Map for
TENNECO OIL COMPANY #1 HOUCK
1580'FSL 890'FEL Sec. 1-T29N-R10W
SAN JUAN COUNTY, NEW MEXICO