

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20685

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 injection well ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, Colorado 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 990 FNL, 1080 FEL
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximatley 1 mile South of Hospah, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 990'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

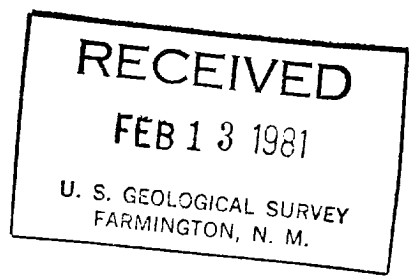
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6949' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" new	24#	±150'	Circulate to surface
7 7/8"	5 1/2" new	15.5#	±1715'	Circulate to surface

*GENERAL REQUIREMENTS:

See attached drilling procedure.



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 R. A. Mishler TITLE Sr. Production Analyst DATE February 9, 1981

(This space for Federal or State office use)

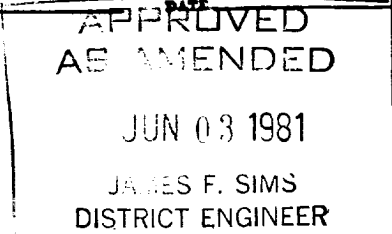
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

1000-545

*See Instructions On Reverse Side

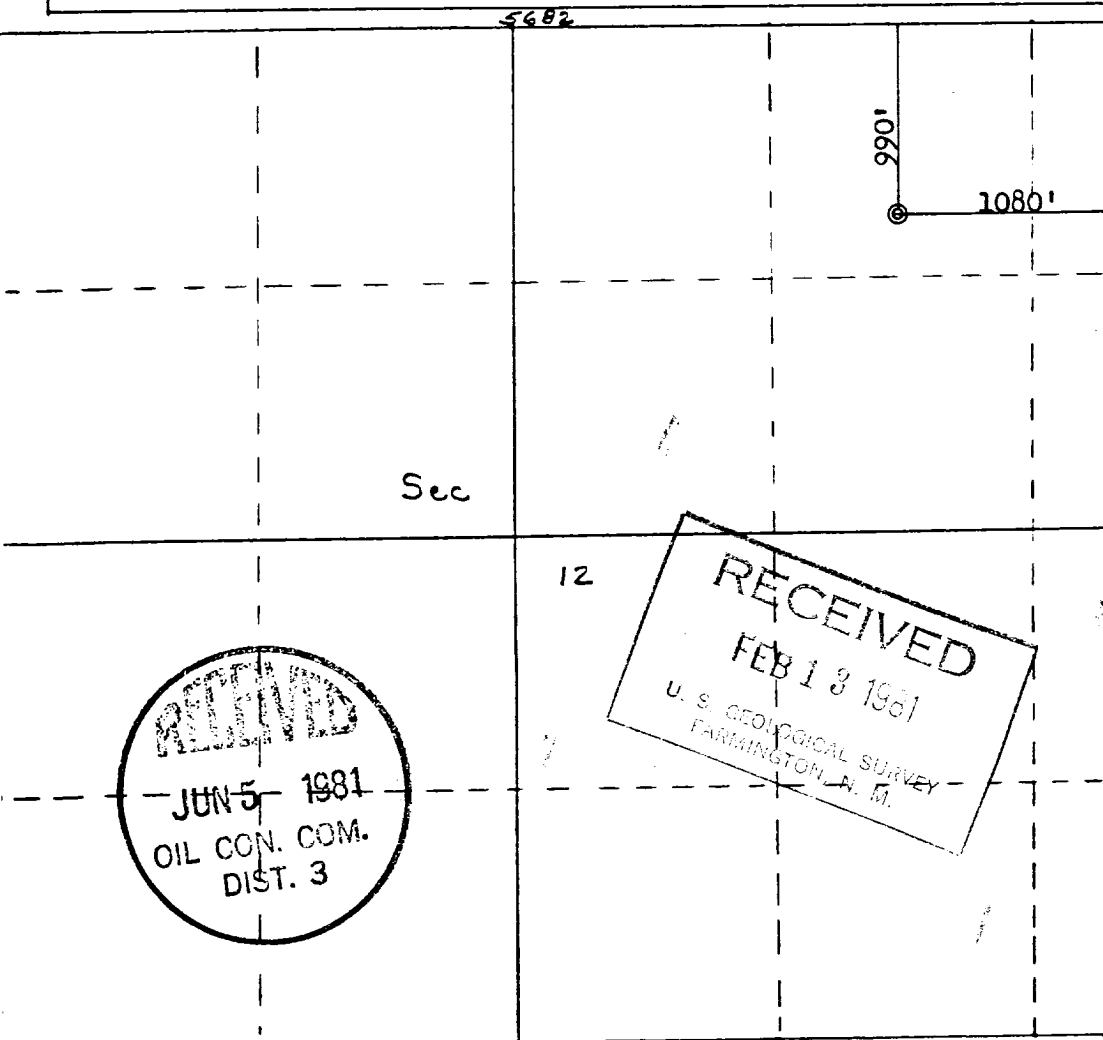


**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

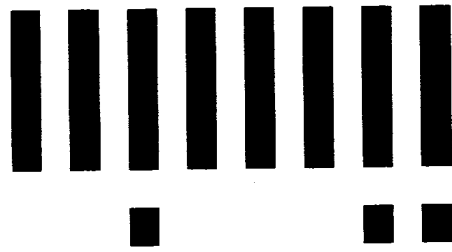
All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY			Lease HOSPAH		Well No. 73
Unit Letter A	Section 12	Township 17N	Range 9W	County McKinley	
Actual Footage Location of Well:					
990 feet from the North line and		1080 feet from the East line			
Ground Level Elev: 6949	Producing Formation N/A	Pool LOWER HOSPAH		Dedicated Acreage: injection well Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</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 type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</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.	
<i>R. A. Mishler</i>	
Name	R. A. Mishler
Position	Sr. Production Analyst
Company	Tenneco Oil Company
Date	February 9, 1981
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	January 30, 1981
Registered Professional Engineer and Land Surveyor <i>Fred B. Kerr Jr.</i>	
Certificate No.	3950



LTR



Job separation sheet

F

30-031-20685

6-5-81

F. Loc. 990/N; 1080/E Elev. 6949 GL Spd. _____ Comp. _____ TD _____ PB _____Casing S. _____ @ _____ W _____ Sx. Int. _____ @ _____ W _____ Sx. Pr. _____ @ _____ W _____ Sx. T. _____ @ _____
Csg. Perf. _____ Prod. Stim. _____T
R
A
N
S

I.P. _____ BO/D _____ MCF/D After _____ Hrs. SICP _____ PSI After _____ Days GOR _____ Grav. _____ Ist Del. _____ s

TOPS		NITD X	Well Log	TEST DATA						
Kirtland		C-103	Plot X	Schd.	PC	Q	PW	PD	D	Ref.No.
Fruitland		C-104	Electric Log							
Pictured Cliffs			C-122							
Cliff House		Ditr	Dfa							
Menefee		Datr	Dac							
Point Lookout		NWU-545 52.12 Joint								
Mancos										
Gallup										
Sanostee										
Greenhorn										
Dakota										
Morrison										
Entrada										

P
o S. Hospah

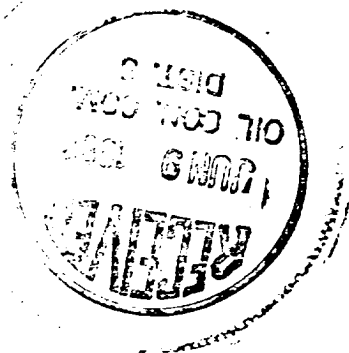
o Lower Sand Co McK S 12 T 17N R 9W U A Over Tenneco

Lse Hospah No 73

Hospah #73

A-12-17N-9W

Tenneco Oil Co.



June 8, 1982

Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

Gentlemen:

Enclosed are your Applications for Permit to Drill (APDs) for the following wells; No. 68, 69, 70, 71, 72, 73, 74, 75, and 76 Hospah, all in sec. 12, T. 17 N., R. 9 W., McKinley County, New Mexico, lease No. New Mexico 081208. The subject APDs are hereby rescinded and returned due to drilling operations not being commenced within one year of the approval date.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Elliott".

For James P. Sims
District Oil and Gas Supervisor

Enclosures

cc: SCR, MS-410
BLM, Farmington
NMOCC