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LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65

I. OPERATOR

Operator: **TENNECO OIL COMPANY**

Address: **Box 3249, Englewood, CO 80155**

Reason(s) for filing (Check proper box):

New Well Change in Transporter of:

Recompletion Oil Dry Gas

Change in Ownership Casinghead Gas Condensate

Other (Please explain):

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name South Hospah Unit	Well No. 16	Pool Name, including Formation South Hospah Upper Sand	Kind of Lease Federal	Lease No. NM-081208
Location				
Unit Letter F	2330 Feet From The West	Line and 1755 Feet From The North		
Line of Section 12	Township 17N	Range 9W	, NMPM, McKinley County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
CINIZA PIPELINE	Box 1887, Bloomfield, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When.
	F 12 17N 9W

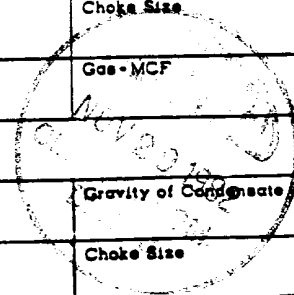
If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
(X)								
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF



GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

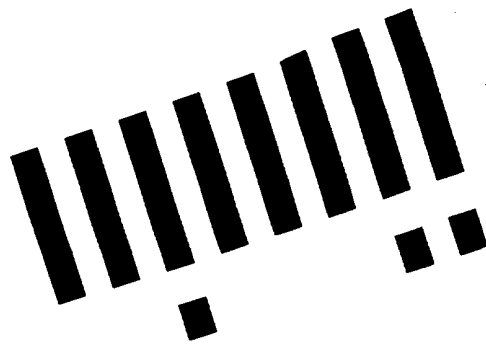
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Denise Wilson
(Signature)
Production Analyst
(Title)
November 18, 1982
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
BY *Denise Wilson*
TITLE *Production Analyst*

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiple completed wells.



LTR



Job separation sheet





TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

uzuo
South Hospah Upper Sand Unit
12-17-84

November 28, 1984

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SANTA FE, NEW MEXICO 87501
(505) 827-5800
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OIL CON. DIV.
DIST. 3

APPLICATION OF TENNECO OIL EXPLORATION AND PRODUCTION TO EXPAND ITS WATERFLOOD PROJECT IN THE SOUTH HOSPAH UPPER SAND OIL POOL IN MCKINLEY COUNTY, NEW MEXICO

ORDER No. WFX-535

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-3325, Tenneco Oil Exploration and Production has made application to the Division on November 8, 1984 for permission to expand its South Hospah Upper Sand Waterflood Project in the South Hospah Upper Sand Pool in McKinley County, New Mexico.

NOW, on this 29 day of November, 1984, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701B.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above referenced waterflood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Tenneco Oil Exploration and Production, be and the same is hereby authorized to inject water into the Hospah formation through plastic-lined tubing set in a packer at a maximum of 100 feet above the uppermost

interval on each well in the following described wells for purposes of waterflooding to wit:

SOUTH UPPER HOSPAP WATERFLOOD
WELL NUMBERS AND LOCATIONS

MAXIMUM SURFACE INJECTION
PRESSURES

Well No. 16
1782' FNL and 2317'FWL,
Section 12, T-17N, R-9W,
McKinley County, NM

320 PSIG

Well No. 40
2602' FNL and 1580'FEL,
Section 12, T-17N, R-9W,
McKinley County, NM

315 PSIG

Well No. 55
1755' FNL and 1515' FEL,
Section 12, T-17N, R-9W,
McKinley County, NM

310 PSIG

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus (in each well) shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 0.20 psi per foot of depth to the uppermost injection interval on each well. Note list of wells for specific pressures.

That the Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Hospah formation. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

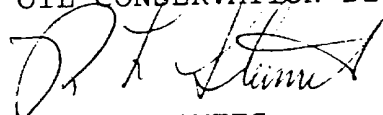
That the operator shall notify the supervisor of the Division's Aztec District Office before injection is commenced through said wells.

That the operator shall immediately notify the Supervisor of the Division's Aztec District Office of the failure of the tubing, casing, or packer in said wells or the leakage of water from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-3325 and Rules 702, 703, 704, 705, and 706 not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



R. L. STAMETS,
Division Director

S E A L