

OIL CONSERVATION COMMISSION  
3 DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 10-1-65  
Re: Proposed NSP \_\_\_\_\_  
Proposed NWU \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed NFO \_\_\_\_\_  
Proposed DC ✓

Gentlemen:

I have examined the application dated 7-15-65  
for the Teneco Oil Co. Florence #5 NE 3-1-65-20  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Agree subject to approval of interested parties  
by administrative order  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Frank Church

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form O-107  
5-1-61

Operator <u>Tenneco Oil Company</u>		County <u>San Juan</u>	Date <u>Aug 5-66</u>
Address <u>Box 171, Farmington, New Mexico</u>		Lease <u>Florence</u>	Well No. <u>5</u>
Location of Well <u>1</u>	Unit <u>22</u>	Township <u>30</u>	Range <u>1</u>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO
2. If answer is yes, identify one such instance: Order No.       ; Operator Lease, and Well No.: Florence 4

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Blanco MV</u>		<u>Tesin Santa</u>
b. Top and Bottom of Pay Section (Perforations)	<u>4512-5269</u>		<u>7271-7521</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

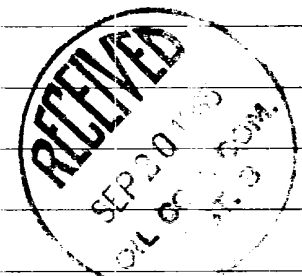
4. The following are attached. Please check YES or NO

- |                                     |                          |  |
|-------------------------------------|--------------------------|--|
| Yes                                 | No                       |  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and orienters and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.  |
| <input type="checkbox"/>            | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*   |
| <input type="checkbox"/>            | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

\* Pan American Petroleum Corp., P. O. Box 480, Farmington, New Mexico

\* Oil Production Services Company, Box 920, Farmington, New Mexico



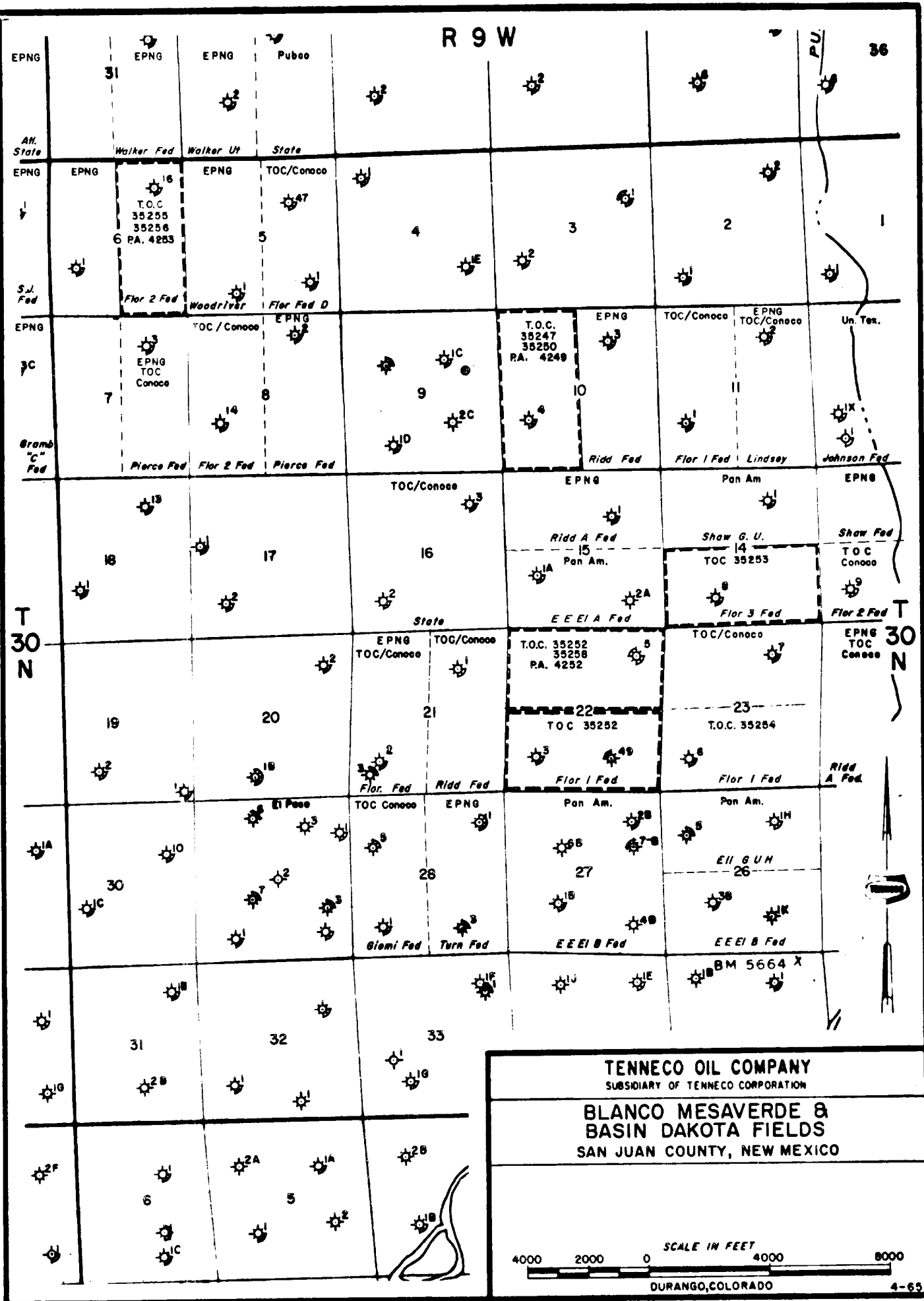
- \* 6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO       . If answer is yes, give date of such notification 8-15-66.

CERTIFICATE: I, the undersigned, state that I am the Senior Production Clerk of the Tenneco Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

AC Nichols  
Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



R 9 W

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EPNG

EPNG

EPNG

Pubco

AM State

Walker Fed

Walker UY

State

EPNG

EPNG

EPNG

TOC/Conoco

S.J. Fed

Flor 2 Fed

Woodriver

Flor Fed D

EPNG

7

TOC/Conoco

EPNG

EPNG

T.O.C. 35247 35250 P.A. 4248

EPNG

TOC/Conoco

EPNG

Un. Tes.

Gramp "C" Fed

Pierce Fed

Flor 2 Fed

Pierce Fed

Ridd Fed

Flor 1 Fed

Lindsey

Johnson Fed

TOC/Conoco

EPNG

Pan Am

EPNG

Ridd A Fed

Pan Am.

Shaw G. U.

TOC 35253

Shaw Fed

EEEI A Fed

Flor 3 Fed

Flor 2 Fed

T 30 N

EPNG

TOC/Conoco

T.O.C. 35252 35258 P.A. 4252

TOC/Conoco

EPNG

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T 30 N

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Eli Paso

TOC Conoco

EPNG

Pan Am.

Pan Am.

Eli G UH

Gleni Fed

Turn Fed

EEEI B Fed

EEEI B Fed

BM 5664 X

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TENNECO OIL COMPANY  
SUBSIDIARY OF TENNECO CORPORATION

BLANCO MESAVERDE &  
BASIN DAKOTA FIELDS  
SAN JUAN COUNTY, NEW MEXICO

SCALE IN FEET  
4000 2000 0 4000 6000

DURANGO, COLORADO

4-65

# DUAL COMPLETION SCHEMATIC

San Juan County, New Mexico

TENNECO OIL COMPANY  
Durango District

WELL NAME: Florance Federal  
WELL NUMBER: 5  
LOCATION: 990' ETL & 990' FEL  
Sec. 22 T. 30N R. 2W  
ELEVATION: \_\_\_\_\_  
GL: 6150'  
DF: 6162'  
ZERO: 11' above M

DUAL COMPLETION  
BLANCO MESAVERDE  
BASIN DAKOTA

TUBING: 233 joints 2-3/8" EUE : Seal-Lock  
stung into packer at 7210'.

SURFACE: 10-3/4" 32.75# set at 267'  
with 200 sacks cement.

STAGE COLLAR: 4091'

## LEGEND

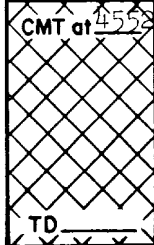
SS - Sliding sleeve  
LN - Type F landing nipple  
SA - Seal Assembly  
PT - Production tube

## CEMENTING RECORD

1st stage w/ 350 sacks Class "C" Q-50 Pozmix  
Top at 4091'  
2nd stage w/ 225 sacks Class "C" 12% gel  
Top at surface

7" 20 & 23 # at: 4549'

SDTK at: 4552'



FRAC DAKOTA w/ 190,000 gallons 1% KCl  
water, 4# FR-8/100 gallons, 80,000#  
40-60 sand and 60,000# 20-40 sand.

## DAKOTA PERFORATIONS G. R. DEPTHS

7269-71, 7274-78,  
7282-87, 7334-38,  
7358-60, 7374-78,  
7385-87, 7406-08,  
7419-30, 7434-35,  
7439-40, 7445-46,  
7455-56, 7463-64,  
7480-84 and  
7498-501

CASING SET at 4-1/2" at 7540'

## MESAVERDE PERFORATIONS G. R. DEPTHS

4640-41, 4644-45,  
4648-49, 4657-58, FRAC 2nd STAGE w/  
4659-60, 4668-69, 102,000 gallons 1%  
4672-73, 4676-77, KCl water, 60,000#  
4688-89, 4690-91, 10-20 sand and  
4700-01, 4707-08, 20,000# 8-12 sand  
4708-09, 4715-16,  
4717-48, 4772-73,  
4806-07, 4827-28, 4837-38, 4860-61,  
4879-80, 4892-93, 4894-95,  
4902-03 & 4926-27 FRAC 1st STAGE w/  
4971-72, 4990-91 101,000 gals 1%  
5033-34, 5097-98 KCl water, 60,000#  
5120-21, 5128-29 10-20 sand and  
5132-33, 5139-40 20,000# 8-12 sand  
5143-44, 5146-47,  
5148-49, 5152-53, 5168-70, 5178-79  
5183-84, 5196-97, 5200-01, 5220-21,  
5227-28, 5234-35 and 5238-69

## BAKER MODEL D

SET at 7210'

PBTD 7515'

DATE: September 13, 1965

SIGNED: [Signature]