

OIL CONSERVATION COMMISSION  
3 DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE 8-10-64

Re: Proposed NSP \_\_\_\_\_

Proposed NWU \_\_\_\_\_

Proposed NSL \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed DC ✓

Gentlemen:

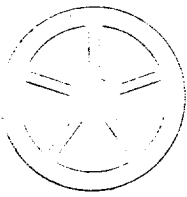
I have examined the application dated 8-5-64  
for the Consolidated O&G NW Federal 4-8 B-8-26N-4W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Ernest C. Arnold



# *Consolidated Oil & Gas, Inc.*

## *Executive Offices*

4150 EAST MEXICO AVENUE  
DENVER, COLORADO 80222  
PHONE: 757-5441

August 5, 1964

Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico

Gentlemen:

Enclosed is our Application for Dual Completion of the Northwest Federal No. 4-8 well located in Section 8, Township 26 North, Range 4 West, Rio Arriba County, New Mexico. Administrative approval is requested.

Thank you for your cooperation in this matter.

Yours very truly,

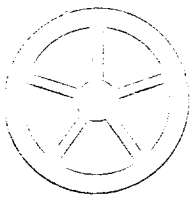
CONSOLIDATED OIL & GAS, INC.

W. H. Williams, Chief Engineer

pt  
Enclosures

cc: NMOGCC  
Aztec, New Mexico





# *Consolidated Oil & Gas, Inc.*

## *Executive Offices*

4150 EAST MEXICO AVENUE  
DENVER, COLORADO 80222  
PHONE: 757-5441

August 5, 1964

Northwest Production Company  
P. O. Box 1796  
El Paso, Texas

Aztec Oil & Gas Company  
920 Mercantile Building  
Dallas 1, Texas

Southern Union Production Company  
P. O. Box 1492  
El Paso, Texas

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

Gentlemen:

Enclosed is a copy of our Application for Dual Completion for the Northwest Federal No. 4-8 well located in Section 8, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

If you as an offset operator have no objection to this dual completion, we would appreciate it if you would so notify the New Mexico Oil Conservation Commission. A carbon copy of your letter to the Commission, directed to the undersigned, would also be appreciated.

Thank you for your cooperation in this matter.

Yours very truly,

CONSOLIDATED OIL & GAS, INC.

W. H. Williams, Chief Engineer

pt/dt  
Enclosures



## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

|  |              |                            |                        |
|--|--------------|----------------------------|------------------------|
| Field Name<br>Undesignated Gallup & Basin Dakota |              | County<br>Rio Arriba       | Date<br>August 5, 1964 |
| Operator<br>Consolidated Oil & Gas, Inc.         |              | Lease<br>Northwest Federal | Well No.<br>4-8        |
| Location of Well<br>Unit<br>B                    | Section<br>8 | Township<br>26N            | Range<br>4W            |

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual 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. MC-1468; Operator, Lease, and Well No.:

Consolidated Oil & Gas, Inc. Hoyt No. 1-5

|  |                     |              |
|--|---------------------|--------------|
| 3. The following facts are submitted:                | Upper Zone          | Lower Zone   |
| a. Name of reservoir                                 | Undesignated Gallup | Basin Dakota |
| b. Top and Bottom of Pay Section (Perforations)      | 7614-7652           | 8146-8315    |
| c. Type of production (Oil or Gas)                   | Gas                 | Gas          |
| d. Method of Production (Flowing or Artificial Lift) | Flow                | Flow         |

4. The following are attached. (Please mark YES or NO)

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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.

Yes 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.

Yes c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*

Yes 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.)

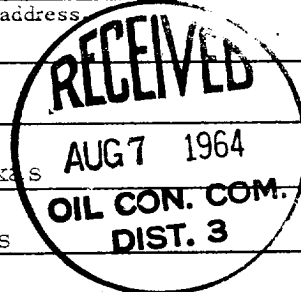
5. List all offset operators to the lease on which this well is located together with their correct mailing address:

Northwest Production Company, P. O. Box 1796, El Paso, Texas

Southern Union Production Company, P. O. Box 1492, El Paso, Texas

Aztec Oil & Gas Company, 920 Mercantile Building, Dallas 1, Texas

Pan American Petroleum Corporation, P. O. Box 480, Farmington, New Mexico



Has item 5 above notified and furnished a copy of this application? YES X NO   . If answer is yes, give date August 5, 1964.

CERTIFICATE: I, the undersigned, state that I am the Chief Engineer of the Consolidated Oil & Gas, Inc. (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.

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 dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

RAW

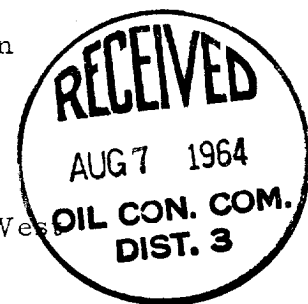
|                                       |                                       |                       |
|---------------------------------------|---------------------------------------|-----------------------|
| <p>Consolidated - Northwest Prod.</p> | <p>Consolidated - Northwest Prod.</p> | <p>Pan American</p>   |
| <p>Consolidated - Northwest Prod.</p> | <p>Consolidated - Northwest Prod.</p> | <p>Pan American</p>   |
| <p>Aztec - Southern Union</p>         | <p>Aztec - Southern Union</p>         | <p>Southern Union</p> |

T  
26  
W

Location Plat to Accompany Application  
for Dual Completion of the

NORTHWEST FEDERAL NO. 4-8

Section 8, Township 26 North, Range 4 West  
Rio Arriba County, New Mexico



Diagrammatic Sketch to Accompany  
Application for Dual Completion

NORTHWEST FEDERAL NO. 4-8

Section 8, Township 26 North, Range 4 West  
Rio Arriba County, New Mexico

12-3/4" csg. set at 308'  
Cemented with 275 sx.  
Cement circulated to surface

Top of Cement  
Calc. at 3100'

Top of 5-1/2" liner at 4009'  
Cement Circulates  
on floor

7-5/8" csg. set at 4111'  
Cemented with 240 sx.

Baker Manual "D" Packer  
set at 7900'

5-1/2" liner set at 8385'  
Cemented with 320 sx.

T.D. = 8400

1-1/2" tubing @ 800'

7614  
7652  
Gallup Perforations

8146'  
8315'  
Dakota Perforations

