

# NORTHWEST PRODUCTION CORPORATION

520 SIMMS BUILDING  
ALBUQUERQUE, NEW MEXICO

January 15, 1957

Oil Conservation Commission  
State of New Mexico  
120 East Chaco  
Aztec, New Mexico

Attention: Mr. Emory Arnold



Gentlemen:

Northwest Production Corporation requests tentative approval to dually complete "N" Well 4-6 in the Mesaverde and Graneros - Dakota formations.

Well "N" 4-6 is located 1850 feet from the North line and 1190 feet from the East line in the SE/4 of the NE/4 of Section 6, Township 26 North, Range 4 West, Rio Arriba County, New Mexico. The well is located within the Blanco Mesaverde Gas Pool, and is classified as a wildcat in the Graneros - Dakota formation.

In accordance with Rule 112-A of the Commission Rules and Regulations, notice of this application is being furnished by registered mail to operators of offsetting acreage, as indicated on the attached plat, namely:

El Paso Natural Gas Company  
Box 1492  
El Paso, Texas

The "N" 4-6 Well was drilled to a depth of 4121 feet where 7-5/8" OD casing was set and cemented. The well was then drilled to 8375 feet, and a 5-1/2" OD liner was set from 4021.86 feet to 8375 feet and cemented. A 4-3/4" hole was drilled below the bottom of the liner to a depth of 8392 feet; however, water was encountered at this depth and the open hole was cemented. The 5-1/2" liner was perforated from 8090 to 8364 feet and the Graneros - Dakota formation was fractured in two stages.

It is planned to isolate the Graneros - Dakota formation with a bridge plug and perforate the 5-1/2" liner opposite the Mesaverde formation from approximately 5572 to 6176 feet. The Mesaverde will then be fractured in two stages and the well cleaned out to 8365 feet. 2-3/8" OD EUE tubing will be hung at approximately 8300 feet with a Hookwall packer set at approximately 7624 feet to separate the two formations. The well will be completed to produce the Graneros - Dakota formation through the tubing and the Mesaverde formation through the tubing - casing annulus.

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Page 2



Should you desire additional information before approving the proposed work, please advise.

Very truly yours,

NORTHWEST PRODUCTION CORPORATION

*W. R. Johnston*  
W. R. Johnston, Manager  
Production Operations *p*

RP/nw

In triplicate  
Encl.

CC: U.S.G.S., Farmington, New Mexico  
El Paso Natural Gas Company, El Paso, Texas



R 5 W		R 4 W		
PNW	So. Petr. Expl.  6 Stanolind	EPN 4 ☀	EPN	T 27 N
NWP		31	32	
PNW 18-36 ☀		6 ☀	8 ☀	
SUG		NWP	NWP	T 26 N
1  1-6 ☀	6 5-6 ○	4-6 ○ 5 3-5 ○		
SUG	NWP	NWP		
12	7 6-7 ○	8 7-8 ☀ 1-8 ☀		

LOCATION AND OWNERSHIP PLAT FOR  
"N" WELL 4-6 IN SECTION 6 OF  
T 26 N AND R 4 W WITH WORKING  
INTEREST RIGHTS TO BASE OF  
DAKOTA FORMATION

NORTHWEST PRODUCTION CORPORATION  
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION  
OF "N" WELL 4-6 IN MESAVERDE AND  
GRANEROS-DAKOTA FORMATION

RIO ARriba COUNTY  
NEW MEXICO

CONTRACT # 119

DRAWN: W H. MCGAHEY  
APPROVED: RAY PHILLIPS

SCALE 1" = 3000'  
DATE: 1-17-57