

# NORTHWEST PRODUCTION CORPORATION

520 SIMMS BUILDING

ALBUQUERQUE, NEW MEXICO

June 29, 1956

Oil Conservation Commission  
State of New Mexico  
P. O. Box 697  
Aztec, New Mexico

RE: Application for Dual Gas Completion  
of Northwest Production's Well No. 2-33,  
Located in Section 33, T26N, R3W.

Attn: Mr. Emory Arnold

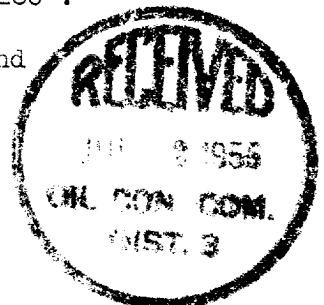
Gentlemen:

Northwest Production Corporation requests that the New Mexico Commission grant an exception to Rule No. 112-A of the Commission Rules and Regulations, to allow the dual completion without hearing of Northwest Production's Well No. 2-33 between the Pictured Cliffs and Mesaverde formations.

The subject well is located 1619 feet from the North line and 9/4 feet from the East line in the SE/4 of the NE/4 of Section 33, T26N, R3W. The attached plat shows the ownership in the area and the location of the well. The proposed location of the well is more than one mile from the Blanco Mesaverde Pool boundary and less than two miles from the boundary of the Tapacito Pictured Cliffs Gas Pool. It is therefore classified as a wildcat in the Mesaverde formation and as an extension to the Tapacito Pictured Cliffs Gas Pool in the Pictured Cliffs formation. No offset acreage other than Northwest Production's is involved in the completion of this well, and no other operator has been notified of the proposed well.

Our procedure for dualling the well would be as follows:

1. Set 7" OD casing in the Lewis shale at approximately 4280'.
2. Drill with gas to total depth of approximately 6372' and set 5" OD liner.



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3. Selectively perforate the Point Lookout, Menefee and Cliff House zones and fracture each separately with approximately 50,000 gallons of water.
4. Perforate the 7" casing opposite the Pictured Cliffs formation and fracture with approximately 40,000 gallons water.
5. Drill out the temporary bridge plug and set a production packer at approximately 5650'.
6. Run tubing with side-door choke at 5400'.
7. Install straight-through mandril in side-door choke and produce the Mesaverde through the tubing and the Pictured Cliffs through the tubing-casing annulus.

We would appreciate your early consideration of this request as a drilling rig is now moving onto this location.

Yours very truly,

NORTHWEST PRODUCTION CORPORATION

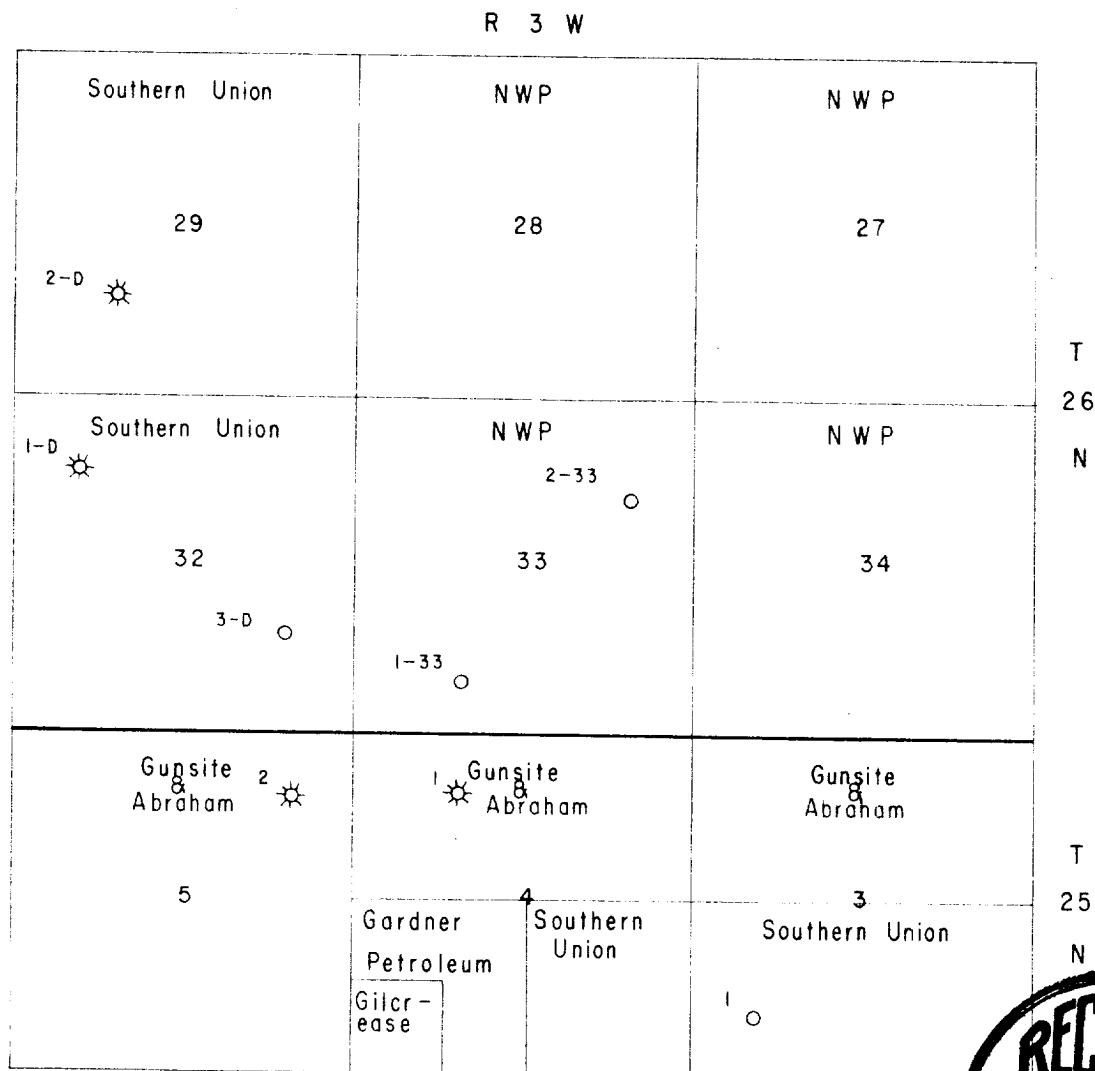
WRJ/RP/nw  
In Triplicate

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

Encl.

cc: U. S. Geological Survey  
Farmington, New Mexico





LOCATION AND OWNERSHIP PLAT FOR  
 "E" WELL 2-33 IN SECTION 33 OF  
 T 26 N AND R 3 W WITH WORKING  
 INTEREST RIGHTS TO BASE OF  
 MESAVERDE FORMATION

NORTHWEST PRODUCTION CORPORATION  
 ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION  
 OF "E" WELL 2-33 IN PICTURED CLIFFS  
 AND MESAVERDE FORMATIONS

RIO ARriba COUNTY  
 NEW MEXICO

CONTRACT # 117

Drawn: Wm. McGahey  
 Approved: Ray Phillips

Scale: 1" = 3000'  
 Date 6-27-56