

NORTHWEST PRODUCTION CORPORATION

ALBUQUERQUE, NEW MEXICO

February 28, 1957

REPLY TO:
520 SIMMS BUILDING
ALBUQUERQUE, NEW MEXICO

*2-28-57
5-1-57
EA*

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

Attention: Mr. Emery Arnold

Gentlemen:

Northwest Production Corporation requests tentative approval to dually complete Well 1-4, Blanco 30-12 in the Fruitland and Mesaverde formations.

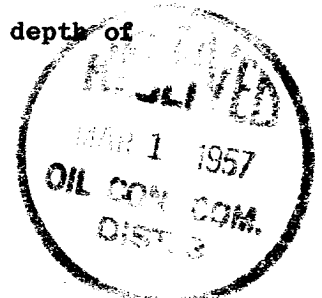
Well 1-4 is located 1095 feet from the North line and 875 feet from the East line in the NE/4 of the NE/4 of Section 4, Township 30 North, Range 12 West, San Juan County, New Mexico. The well will be a wildcat in the Fruitland formation and is classified as an extension to the Blanco Mesaverde Gas Pool.

In accordance with Rule 112-A of the Commission Rules and Regulations, notice of this application is being furnished by registered mail to Aztec Oil and Gas Company, 920 Mercantile Securities Building, Dallas 1, Texas, owner of mineral rights on offsetting acreage as indicated on the attached plat.

Well 1-4 was drilled to 2490 feet where 7-5/8 inch OD casing was cemented. A 5-1/2 inch OD liner was cemented from 2368.54 feet to 4645 feet. A 4-3/4 inch open hole was drilled from 4645 to the total depth of 4840 and was later plugged back to 4778 feet. The Mesaverde formation was fractured in two stages in the open hole from 4645 to 4778 feet and through perforations in the 5-1/2 inch casing from 4578 to 4630 feet. The well was completed in the Mesaverde formation on October 29, 1956, with an absolute open flow potential of 522 MCFD.

The procedure for dually completing Well 1-4 would be as follows:

1. Move in and rig up completion unit and pull 1-1/4 inch tubing.
2. Set a temporary bridge plug to isolate the Mesaverde formation.
3. Perforate the 7-5/8 inch casing opposite the Fruitland formation from approximately 1950-75 and 2050-60 and fracture with approximately 25,000 gallons water using one pound sand per gallon.
4. Retrieve the bridge plug and clean out to the plug back depth of 4778 feet.




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5. Set production packer at approximately 4548 feet.
6. Run 2-3/8 inch OD tubing with side-door choke set at approximately 4518 feet.
7. Install straight-thru mandril in side-door choke to produce the Mesaverde formation through the tubing and the Fruitland formation through the tubing-casing annulus.

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

Very truly yours,

NORTHWEST PRODUCTION CORPORATION

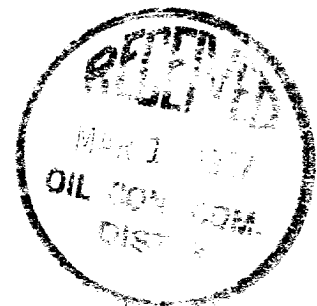

W. R. Johnston, Manager
Production Operations

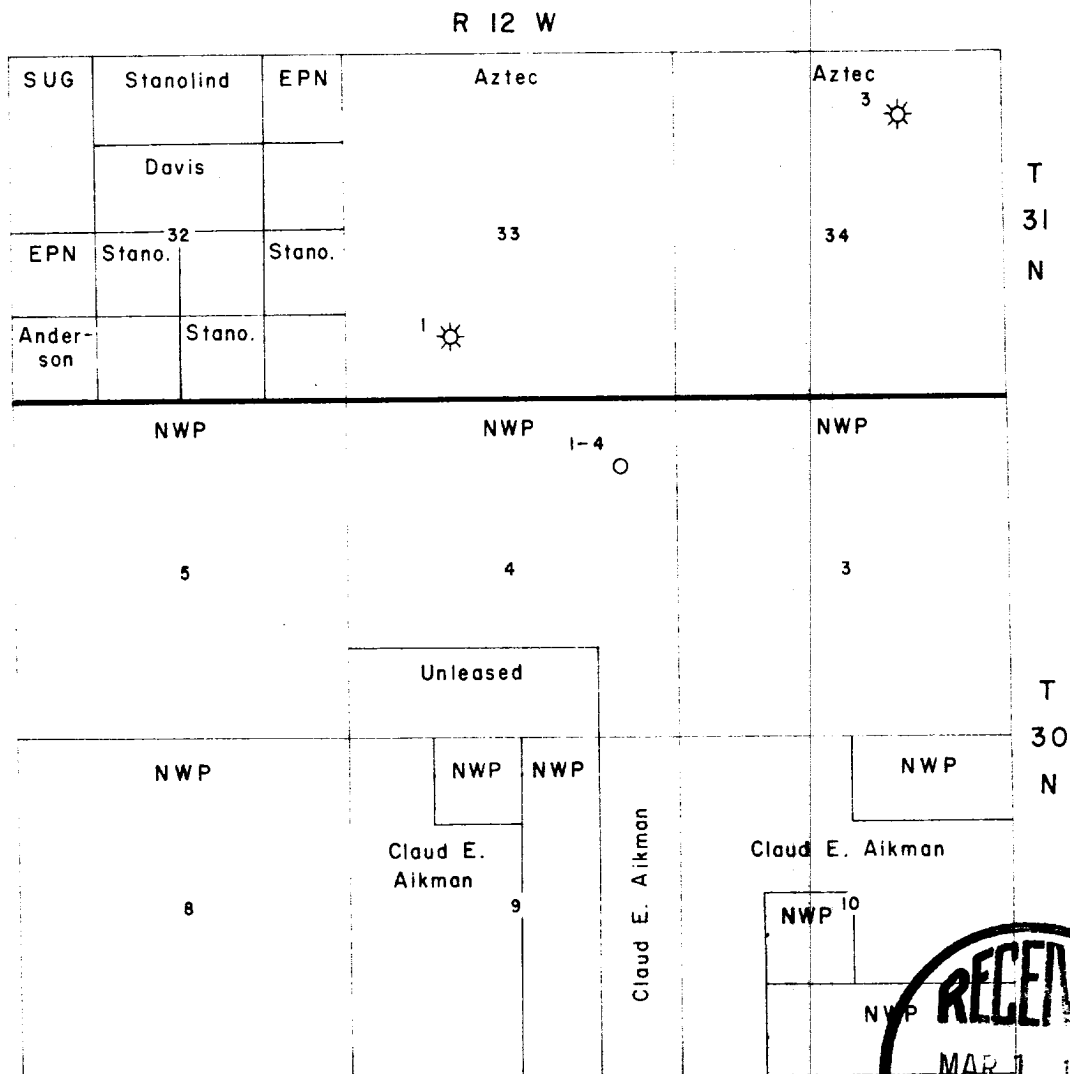
RP/nw

In triplicate

cc: Aztec Oil & Gas Company
Dallas 1, Texas

U. S. Geological Survey
Farmington, New Mexico





LOCATION AND OWNERSHIP PLAT FOR
WELL 1-4, BLANCO 30-12 IN
SECTION 4, T 30 N, R 12 W WITH
WORKING INTEREST RIGHTS TO
BASE OF MESAVERDE FORMATION

NORTHWEST PRODUCTION CORPORATION
ALBUQUERQUE, NEW MEXICO

APPLICATION FOR DUAL GAS COMPLETION
OF WELL 1-4, BLANCO 30-12 IN
FRUITLAND AND MESAVERDE
FORMATIONS

SAN JUAN COUNTY
NEW MEXICO

LEASE SF-081239

DRAWN: W.H. MCGAHEY
APPROVED: RAY PHILLIPS

SCALE 1" = 3000'
DATE 2-28-57