



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 6721
Roswell, New Mexico

July 22, 1958

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Shell Oil Company
P. O. Box 845
Roswell, New Mexico

Attention: Mr. P. A. Dennie

Gentlemen:

Your letter of July 18, 1958, requests the approval of this office of a proposed extended production test of the Querecho Plains Deep Unit well No. 2, located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T. 18 S., R. 32 E., Lea County, New Mexico. The well was drilled in accord with the initial plan of development for the Querecho Plains Deep Unit to a total depth of 14,330 feet, to test the Siluro-Devonian section. The objective formations tested dry; however, some gas and condensate accumulations are indicated in the Atoka (Pennsylvanian) formation. Casing has been set and the Atoka perforated in the intervals 12,713-725; 12,760-772; and 12,816-828. Pressure data obtained by means of two open hole drill stem tests indicate a limited reservoir, and your proposed extended production test is for the purpose of further evaluating the reservoir. The test would be conducted without benefit of a pipeline connection.

The Geological Survey offers no objection to the proposed production and evaluation test for a period of 60 days, commencing with the date of first production, provided that the hydrocarbon products produced from the well are saved to the fullest extent practicable.

It is requested that a brief report be submitted to this office at the conclusion of the aforementioned 60-day test period.

Very truly yours,

JOHN A. ANDERSON
Regional Oil and Gas Supervisor