

Atlantic Richfield Company

North American Producing Division

New Mexico-Arizona District

Post Office Box 1978

Roswell, New Mexico 88201

Telephone 505 622 4041

W. P. Tomlinson

District Engineer

WFX - 274

Rec Nov 14



October 27, 1967

New Mexico Oil Conservation Commission (4)

P. O. Box 2038

Santa Fe, New Mexico 87501

Oct 30 PMO

Attention: Mr. A. L. Porter, Jr.

Re: Swearingen Waterflood Project

Shugart Pool

Eddy County, New Mexico


Gentlemen:

In accordance with Order No. R-2969, concerning the Swearingen Waterflood Project in Eddy County, New Mexico, Atlantic Richfield Company requests approval to expand the project by drilling an additional well to be used for water injection. The location of this proposed well (see attached plat) is 750' FSL and 2060' FWL, Section 14, Township 18 South, Range 31 East. It is planned to set and cement 4-1/2" casing and inject into the Queen formation through perforations at approximately 3400 feet. The injection is planned to be down 2-3/8" O.D. tubing with a packer set less than 100' above the perforations. The injection rate is expected to be about 300 BWPD at a surface pressure of 1700 psig. Fluid treated to prevent corrosion will be placed in the annulus.

In the past several months the known productive limits of the Swearingen Project have been extended by the drilling and completion of Swearingen "B" No. 6 as a producer and the recent wash down and completion of the Panco Federal No. 1 (see attached plat). The completion of these two wells as producers resulted in the subject location being offset in all four directions by producers. Therefore, the drilling and completion of the proposed injection well will sweep secondary reserves to existing producers that would not otherwise recover these reserves. The completion of the proposed well as an injector will conform with the present five-spot pattern and will be an extension of this pattern.

We would appreciate approval of this request at your earliest convenience. Please forward a copy of your approval letter to the United States Geological Survey. Upon receipt of your approval we will submit the proper drilling permits for approval.

Yours very truly,


W. P. Tomlinson

cc: USGS, Artesia; State Engineer, Santa Fe; Marathon Oil Co., Hobbs; Gulf Oil Corp., Roswell; Hudson & Hudson, Fort Worth; Mr. B. M.

Keohane, Roswell; Maxwell Oil Co., Fort Worth

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W. P. Tomlinson
District Engineer

To
J&K
SFOCC

No objection to this
application
D L K



October 27, 1967

RECEIVED

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P. O. Box 2038
Santa Fe, New Mexico 87501

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167 Nov 6 11 11 AM '67

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Culf Oil Corp., Roswell; Hudson & Hudson, Fort Worth; Mr. B. M.
Keohane, Roswell; Maxwell Oil Co., Fort Worth

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE