

NEWMONT OIL COMPANY

300 BOOKER BUILDING  
ARTESIA, NEW MEXICO

November 21, 1962

NEW MEXICO  
DISTRICT OFFICE

W/X . 122

Due - Dec 11

State of New Mexico  
Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Gentlemen:

We hereby make application for administrative approval to convert our Yates "A" No. 14 to water injection in Newmont Oil Company's Loco Hills Project. This well is currently a producer in the Loco Hills Field, Eddy County, New Mexico. Location is 1980 FNL, 1310 FEL, Sec. 6-18-30. The well is very near the economic production limit, and a reservoir analysis shows additional oil, presently unrecoverable, would be swept to other wells by converting No. 14 to injection.

Casing program consists of 8 5/8" pipe set at 441 feet, which is the top of the salt; with 50 sacks. 4 1/2" oil string was set at 2797 with 100 sacks. Total depth is 2861 feet. The well was completed April 24, 1961 for an initial potential of 40 barrels per day pumping.

Fresh water was encountered during drilling, from 364 feet to 378 feet. Since the surface pipe was cemented at the top of the salt this water is adequately protected. Injection down casing is contemplated. It has been our experience that should a leak develop, it would become immediately evident by surface flow between the oil string and surface pipe, as well as through large increases in injection rate and decrease in pressure. Should such a leak develop, tubing and a packer will be run.

A copy of this application has been sent to the State Engineer.

Yours truly,

NEWMONT OIL COMPANY

*R. Cook*

Robert J. Cook  
District Engineer

RJC-sf  
Attachment

3 : 705



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

November 28, 1962

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
SANTA FE, N. M.

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, New Mexico

Dear Mr. Porter:

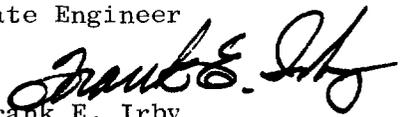
Reference is made to the application of Newmont Oil Company dated November 16, 1962 which seeks administrative approval to convert the Yates "A" No. 14 to water injection. This well is located in Section 6, Township 18 South, Range 30 East, 1980 feet from the north line and 1310 feet from the east line.

From the statements made in paragraph 2, it appears that no threat of contamination to the fresh waters which may exist in the area will occur. Therefore, this office offers no objection to the granting of this application.

Yours truly,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-Newmont Oil Co.  
F. H. Hennighausen

By:   
Frank E. Irby  
Chief  
Water Rights Division

