

NEWMONT OIL COMPANY

300 BOOKER BUILDING  
ARTESIA, NEW MEXICO

November 16, 1962

NEW MEXICO  
DISTRICT OFFICE

*WFA - 121*

*Due Nov 5*

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

Gentlemen:

We hereby make application for administrative approval to convert our Scheurich No. 8 to water injection. This well is located 1650 from the North and West lines of Sec. 32-17-30.

Casing program for this well is as follows: 8 1/4" surface pipe set at 482' with 50 sacks; 5 1/2" oil string set at 2798 with 100 sacks. Total depth is 3112, plug back total depth 2907. The original pay was the Premier sand 3102-3110. After this pay was depleted the well was plugged back and a calseal plug set from 2925-2907. The current pay is the Loco Hills sand 2871-2883, which is the zone being flooded in this field.

A slight amount of water was encountered at 475 while drilling. The top of the salt is at 458, so this water and all other possible fresh water sources are cemented behind the pipe.

Initial injection down the 5 1/2" casing is contemplated. Should a leak develop it will be immediately evident by water flow between the oil string and surface pipe; also by a large increase in injection rate. In case of a leak, a packer would be run.

As shown on the attached Form C-116, provisions of Rule 701 requiring response of outside producers before expansion have been fulfilled. Scheurich Nos. 5 and 7 have shown adequate response.

Copies of this application have been sent to the State Engineer and to General American Oil Company.

Yours truly,

NEWMONT OIL COMPANY

*Rybock*

Robert J. Cook  
District Engineer

RJC-sf  
Attachment

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Newmont Oil Company POOL Loco Hills  
 ADDRESS Artesia, New Mexico MONTH OF \_\_\_\_\_, 19\_\_\_\_  
 SCHEDULED TEST \_\_\_\_\_ COMPLETION TEST \_\_\_\_\_ SPECIAL TEST  (Check One)  
 (See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
Scheurich	5	1/14/61	Pump		24		-0-	10		
		5/12/61	Pump		24		-0-	11		
		10/27/61	Pump		24		-0-	6		
		10/25/62	Pump		24		-0-	23		
Scheurich	7	1/12/61	Pump		24		-0-	3		
		3/15/61	Pump		24		-0-	3.5		
		10/28/61			24		-0-	8		
		8/30/62			24		-0-	17		
		10/26/62			24		5	30		
		11/11/62				21	45			

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission. In accordance with Rule 301 and Appropriate Pool Rules.

(I certify that the information given is true and complete to the best of my knowledge.)

Date November 16, 1962

NEWMONT OIL COMPANY  
Company

By Rjboak

District Engineer

Title



NEWMONT OIL COMPANY

500 BOONER BUILDING  
ALBUQUERQUE, NEW MEXICO

November 29, 1962

NEW MEXICO  
DISTRICT OFFICE

1962 NOV -3 AM 9:22  
STATE ENGINEER OFFICE  
SANTA FE, N.M.

Mr. S. E. Reynolds  
Office of State Engineer  
P. O. Box 1079  
Santa Fe, New Mexico

Attention: Mr. Frank E. Irby

Dear Mr. Irby:

With reference to Newmont Oil Company's application of November 16, 1962 to convert our Scheurich No. 8 to water injection, we find an error in our records regarding shallow water horizons. The third paragraph of the application should read:

"A slight amount of water was encountered at 450' while drilling. The top of the salt is at 458', so this water and all other possible fresh water sources are cemented behind the pipe."

This revision was made after examination of State and U.S.G.S. records. We appreciate your calling this discrepancy to our attention.

Yours very truly,

NEWMONT OIL COMPANY



Robert J. Baker  
District Engineer

RJB:ef

November 28, 1962

Mr. Robert J. Cook  
District Engineer  
Newmont Oil Company  
300 Booker Bldg.  
Artesia, New Mexico

Dear Mr. Cook:

Reference is made to your application of November 16, 1962 which seeks administrative approval of the Oil Conservation Commission to convert your Scheurich No. 8 to water injection. This well is located 1650 feet from the north and west lines of Section 32, Township 17 South, Range 30 East.

The statement in your third paragraph that water was encountered at 475 feet and the top of salt is 458 feet sounds quite unlikely to me, although I would not say it is impossible. I would appreciate it very much if you would check this information for typing or copying error and advise me as to its accuracy at your convenience.

As soon as I have received the requested information, I will state my position to the Secretary-Director of the Oil Conservation Commission.

Yours truly,

S. E. Reynolds  
State Engineer

FEI/ma

cc-Mr. A. L. Porter, Jr.  
F. H. Hennighausen

By:

Frank E. Irby  
Chief  
Water Rights Division



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS  
STATE ENGINEER

December 13, 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 Newmont Oil Company's application of November 16, 1962 to convert their Scheurich No. 8 to water injection and to my letter of November 28th, 1962 addressed to Mr. R. J. Cook, their District Engineer, and to Mr. Cook's letter to me under date of November 29, 1962, a copy of which is herewith enclosed. In view of Mr. Cook's statement concerning the depth at which water was encountered, I have reached the conclusion that the fresh waters in the area will not be jeopardized by the granting of this application. Therefore, we offer no objection to your granting this application.

Yours very truly,

S. E. Reynolds  
State Engineer

FEI/ma  
cc-R. J. Cook  
F. H. Hennighausen

By:   
Frank E. Irby  
Chief  
Water Rights Division