

NEWMONT OIL COMPANY

300 BOOKER BUILDING
ARTESIA, NEW MEXICO

February 2, 1961

NEW MEXICO
DISTRICT OFFICE

WFY-75
History Period
End Date Feb 21

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

Gentlemen:

Sycamore Lake Pool

We hereby make application for administrative approval to convert to water injection in the Grayburg - San Andres formations Vickers No. 6 located 660 feet from south line and 1980 feet from east line of Section 19-16S-31E and Bruning Unit No. 3 located 1980 feet from east line and 1980 feet from north line Section 29-16S-31E, Eddy County, New Mexico.

Completion information on these two wells are as follows:

	Vickers No. 6	Bruning Unit No. 3
Completion Date	10-3-44	7-27-44
Total Depth	3161	3482
Surface Pipe	8 5/8" @ 566	8 1/4" @ 648
Surface Pipe Cement	50 sacks	50 sacks
Oil String	5 1/2" @ 3015	5 1/2" @ 3180
Oil String Cement	150 sacks	100 sacks

It is planned to inject fresh water and produced salt water and to run tubing and packer into both wells.

Yours truly,

Herman J. Ledbetter

Herman J. Ledbetter
Superintendent

NEWMONT OIL COMPANY

300 BOOKER BUILDING
ARTESIA, NEW MEXICO

February 2, 1961

RECEIVED
FEB 6 1961
NEW MEXICO
DISTRICT OFFICE

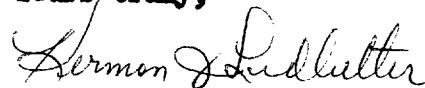
W. E. Swarthout
Western Oil Fields, Inc.
P.O. Box 1147
Hobbs, New Mexico

State Engineer
State Capital
Santa Fe, New Mexico

Dear Sir:

Attached is our application to the Oil Conservation Commission
for administrative approval to two injection wells in the Square Lake Field.

Yours truly,



Herman J. Ledbetter
Superintendent

HJL/cs

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Newmont Oil Co. POOL Square Lake
ADDRESS 300 Booker Bldg., Artesia, N.M. MONTH OF _____, 19____
SCHEDULED TEST _____ COMPLETION TEST _____ SPECIAL TEST XX (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	
M.S. Bruning	2	7-22-59	P		24		0	8.26		
		6-24-60	P		24		0	8.31		
		8-5-60	P		24		0	16.65		
		9-4-60	P		24		0	18.04		
		1-25-61	P		24		0	22.14		

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 February 2, 1961

Newmont Oil Co.
Company
By Lerman & Ledbetter
Supt.
Title

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Newmont Oil Co. POOL Square Lake
ADDRESS 300 Booker Bldg., Artesia, N.M. 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	
Wickers	4	9-1-60	P		24		0	4.15		
		10-26-60	P		24		0	22.14		
		11-29-60	P		24		0	35.31		
		1-16-60	P		24		0	58.11		

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 February 2, 1961

Newmont Oil Co.
Company
By L. J. Reddick
Supt.
Title



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

February 6, 1961

ADDRESS CORRESPONDENCE TO:

P. O. BOX 1079
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 for administrative approval to convert wells, Vickers No. 6 located 660 feet from south line and 1980 feet from east line of Section 19, Township 16 South, Range 31 East and Bruning Unit No. 3 located 1980 feet from east line and 1980 feet from north line Section 29, Township 16 South, Range 31 East, Eddy County, New Mexico to water injection.

It appears that the construction program will be adequate for the protection of any fresh waters which may be encountered in the area. Therefore, this office offers no objection to the granting of the application.

Very truly yours,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Frank E. Irby
Chief

Water Rights Division

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

the application of Newmont Oil

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