

NEWMONT OIL COMPANY

300 BOOKER BUILDING

ALBUQUERQUE, NEW MEXICO

September 15, 1960

NEW MEXICO
DISTRICT OFFICE

1960 SEP 15 AM 9:07

WFX - 53
Waiting Period
Due Date Oct 3, 1960

State of New Mexico
Oil Conservation Commission
State Capital
Santa Fe, New Mexico

Gentlemen:

We hereby make application for administrative approval to convert to water injection in the Loco Hills sand, State A No. 1, located 330 feet north of southline and 1650 feet west of east line of Section 36-17S-29E, Eddy County, New Mexico. The surface pipe consists of 594 feet of 8 1/4", 26 pound casing cemented with 50 sacks of cement. The oil string consists of 2650 feet of 7", 20 pound seamless casing cemented with 100 sacks of cement. The zone into which the water will be injected is the Loco Hills sand found at 2752 to 2767.

Attached is a map showing the water flood area, present injection wells, and the proposed injection well State A No. 1. Also attached is form C-116, which shows the response to flooding in Ballard B No. 3. A copy of this application is being mailed to the State Engineer, Fair Oil Co. and General American Oil Company.

Yours truly,



Herman J. Ledbetter
Superintendent

HJL/cs

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

MAIN OFFICE CCC

1960 SEP 15 AM 8:07

OPERATOR Newmont Oil Company POOL Lece Hills

ADDRESS 300 Booker Bldg. 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	
Ballard #B*	3	4-11-60	P		24		0	2.21		
		5-16-60	P		24		0	10.21		
		6-19-60	P		24		0	27.70		
		7-21-60	P		24		0	46.40		

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 September 15, 1960

Newmont Oil Company
By Harmon J. Ledbetter
Superintendent
Title

September 15, 1960

State Engineer
State Capitol
Santa Fe, New Mexico

Fair Oil Company
Tyler, Texas

General American Oil Company
Meadow Building
Dallas, Texas

Gentlemen:

Attached is a copy of our application to the New Mexico Oil Conservation Commission to convert to water injection State A No. 1 located 130 feet from the south line and 1650 feet from the east line of Section 36-17E-29E, Eddy County, New Mexico.

Yours truly,



Herman J. Ledbetter
Superintendent

HJL/cc

ILLEGIBLE



STATE OF NEW MEXICO

STATE ENGINEER OFFICE
SANTA FE

S. E. REYNOLDS
STATE ENGINEER

September 21, 1960

ADDRESS CORRESPONDENCE TO
P. O. BOX 1079
SANTA FE, N. M.

ILLEGIBLE

Mr. Herman J. Ledbetter, Superintendent
Newmont Oil Company
Artesia, New Mexico

Dear Mr. Ledbetter:

With reference to your application to the Oil Conservation Commission to convert your State A No. 1 well in Section 36, Township 17 South, Range 29 East, I would appreciate receiving, at your earliest convenience, the following information:

The date the well was drilled.
The condition of the surface pipe at the time of placement.
The condition of the oil string at the time of placement.
The top of the cement used on each of these strings and a statement as to whether or not injection will be through the 7" casing, or whether it will be through tubing and tension type packer.
Quality of water to be injected and whether recycled water will be injected.

Very truly yours,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
Frank E. Irby
Chief
Water Rights Division

FEI/ma
cc-F. H. Hennighausen
A. J. Porter, Jr.

September 23, 1960

Frank E. Irby
State Engineer Office
P.O. Box 1079
Santa Fe, New Mexico

Dear Mr. Irby:

With regard to our application to convert our State "A" No. 1 to water injection, this well was completed March 9, 1940. The surface pipe was new 8 $\frac{1}{2}$ " 26 pound casing, set at 594 feet. The pipe was cemented in a 10 inch hole with 50 sacks. With 100 per cent fillup, the cement should have risen to a depth of 297 feet.

The oil string was new 7", 20 pound casing and was set at 2650 feet. This casing was cemented with 100 sacks and with 100 per cent fillup should have risen to a depth of 1316 feet.

It is planned to inject both supply water and produced water into this well. Both waters will be treated as necessary. Injection will be down the 7" casing.

Yours truly,

ORIGINAL SIGNED BY
H. J. LEDBETTER

Herman J. Ledbetter

HJL/es
cc - A. L. Porter, Jr.
Frank Darden
Jack Campbell



RECEIVED
SEP 27 1960

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
P. O. BOX 1079
SANTA FE, N. M.

September 28, 1960

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 which seeks administrative approval to convert to water injection in the Loco Hills sand, State A No. 1, located in Section 36, Township 17 South, Range 29 East which was submitted to your office on September 15, 1960.

On September 21, 1960 I requested additional information from Mr. Herman J. Ledbetter, Superintendent for the Company, with a copy of my request being forwarded to you.

On September 23, 1960, Mr. Ledbetter replied to my request, with a copy to you and others.

In view of the age of the casing in this well and the lack of knowledge of the exact cement top behind the casing, it is recommended that the oil string be tested to a pressure of 1800 pounds per square inch. If the casing is capable of withstanding this internal pressure, then this office offers no objection to the granting of the application. If the casing does not withstand the test, then it is recommended that cement be squeezed at each casing leak and that injection be made through tubing and packer, with the packer set well below the top of the original cement on the oil string.

Yours very truly,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
Frank E. Irby
Chief
Water Rights Division

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

NEWMONT OIL COMPANY
300 BOOKER BUILDING
ARVESIA, NEW MEXICO

1500 OCT 10 AM 1960
OCT 6, 1960
45

NEW MEXICO
DISTRICT OFFICE

State of New Mexico
Oil Conservation Commission
State Capital
Santa Fe, New Mexico

Gentlemen:

In connection with our application to convert our State "A" No. 1 in Section 36-17S-29E, we would like to inform you that we will comply with Mr. Irby's request to test the casing and if it does not hold to run tubing and packer to inject the water. But, since we have not completed our cooperative line agreement with General American Oil Co. and, therefore, we do not wish to put this well on injection until this agreement has been completed; we would like to wait until that time to test the casing.

We would prefer that issue an order with the provision that we test the casing and run tubing and packer before the well is placed on injection, but if this is not possible we will make arrangements to test the casing now.

Yours truly,



Herman J. Ledbetter
Superintendent

HJL/cs

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