

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

July 30, 1990

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

ARCO Oil & Gas Company
P.O. Box 1610
Midland, Texas 79702

Attention: Gary B. Smallwood

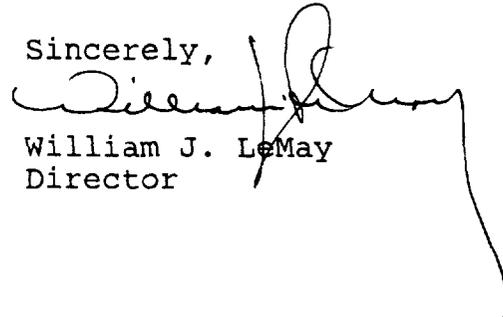
Dear Mr. Smallwood:

Reference is made to your request dated June 5, 1990, to alter the perforated intervals in the Empire Abo Pressure Maintenance Project Injection Well Nos. F-27, F-31 and G-24. It is our understanding that the proposed alteration should result in improved recovery of NGL's from the Empire Abo Pool. It is further our understanding that the subject wells have previously been approved for injection by Division Order Nos. R-4549, PMX-60 and PMX-65.

You are hereby authorized to squeeze the current perforations and re-perforate the subject wells within the intervals indicated below:

<u>WELL NUMBER & LOCATION</u>	<u>CURRENT PERFORATIONS</u>	<u>PROPOSED PERFORATIONS</u>
F-27, G, 32, 17S, 28E	5884'-5920'	6030'-6055'
F-31, G, 33, 17S, 28E	5828'-5887'	6107'-6134'
G-24, I, 31, 17S, 28E	5862'-5883'	6024'-6050'

Sincerely,



William J. LeMay
Director

xc: OCD-Artesia
File-Case No. 4953
PMX-60, PMX-65

NEWMONT OIL COMPANY

300 BOOKER BUILDING
ARTESIA, NEW MEXICO

October 10, 1960

*W 60
Tubing period
New State Oil #8*

NEW MEXICO
DISTRICT OFFICE

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

Grayburg - San Andres zones

Gentlemen:

We hereby make application for administrative approval to convert to water injection in the Grayburg - San Andres zones State "R" No. 3 located 660 feet from north line and 1980 feet from the west line Section 32-16S-31E and R. Wheatley Federal No. 1 located 660 feet from south line and 1980 feet from east line Section 29-16S-31E.

*REC'D OCT 11 1960
MAIL ROOM*

Completion information and other data on these two wells are as follows:

	State "R" No. 3	R. Wheatley Fed. No. 1
Completion date	October 25, 1943	September 20, 1943
Total depth	3470'	3522'
Surface pipe	8" @ 597'	8 5/8" @ 623'
Surface pipe cement	50 sacks	50 sacks
Oil string	5 1/2" @ 3255	5 1/2" @ 3156
Oil string cement	100 sacks	100 sacks
Present production	None	1 oil, no water

Tubing and packer will be run and water will be injected down the tubing in both wells.

Yours truly,

Herman J. Ledbetter
Superintendent

HJL/cs

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Newmont Oil Company POOL Square Lake
 ADDRESS 300 Booker Bldg, Artesia, N.M. MONTH OF _____, 19____
 SCHEDULED TEST _____ COMPLETION TEST _____ SPECIAL TEST **IX** (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	
Texas Trad Fed A	2	8-18-59	P		24		0	2.54		OCT 20 AM 8 23 NEWMONT OIL CO.
		6-17-60	P		24		0	2.55		
		7-21-60	P		24		0	7.63		
		8-13-60	P		24		0	6.24		
		9-3-60	P		24		0	7.00		
		9-11-60	P		24		0	14.00		
		10-1-60	P		24		0	8.00		
		10-2-60	P		24		0	13.00		
		10-3-60	P		24		0	17.00		
		10-4-60	P		24		0	12.00		

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 October 11, 1960

Newmont Oil Co.
 Company
 By [Signature]
 Superintendent
 Title



RECEIVED
OCT 13 1960

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

October 13, 1960

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 to convert State "R" No. 3 located in Section 32, Township 16 South, Range 31 East and R. Wheatley Federal No. 1 located in Section 29, Township 16 South, Range 31 East, to water injection.

This office offers no objection to the granting of this application, so long as the packers are set well below the top of the cement in the annulus outside the 5 $\frac{1}{2}$ inch casing.

Yours truly,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Chief

Water Rights Division

ma

cc-Newmont Oil Co.
F. H. Hennighausen

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