

NEWMONT OIL COMPANY
300 BOOKER BUILDING
ARTESIA, NEW MEXICO

WFX-107

Completed May 25

1962 MAY 10 AM 8:25

NEW MEXICO
DISTRICT OFFICE

May 9, 1962

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 Scheurich No. 1 A, located 2310 feet from the ~~South~~^{north} line and 330 feet from the West line Section 32-17S-3CE, Eddy County, New Mexico to water injection into the Grayburg Sands.

This well was completed in December, 1940 with a total depth of 2904. The surface casing was 8 1/4" casing set at 553 feet with 50 sacks of cement. A 7" 20 pound seamless casing oil string was set at 2793 feet with 100 sacks of cement. In September 1956, it was drilled deeper to 3133. A string of 5 1/2" 17 pound casing was set at 3117 feet with 100 sacks of cement and the well recompleted in the open hole section from 3117 to 3133.

The well will be plugged back and recompleted in the zone and Grayburg section at 2879 to 2904. There is no drinkable ground water within a mile radius of this well.

This well along with State "A" No. 3 and Brigham No. 2 will complete Newmont Oil Company's side of the line injection wells on an agreement with General American Oil Company and Ambassador Oil Company.

Attached is Form C-116 showing well tests on Scheurich No. 3 in the proration unit to the south of this well. Although the increase in production from this well has not been great, it appears that some increase has been obtained and further increases are expected in the near future. Also attached is a map of the area.

A copy of this application is being mailed to the State Engineer, General American Oil Company and Robert E. McKee. If for some reason this well cannot be approved administratively, would you please set this case for hearing and notify us of the date and place of the hearing.

Yours truly,

NEWMONT OIL COMPANY

Herman J. Ledbetter

Herman J. Ledbetter
Superintendent

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR NEWMONT OIL COMPANY POOL LOCO HILLS
 ADDRESS 300 Booker Building Artesia, N.M. MONTH OF MAY, 19 62
 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	3	1-11-60	P		24		0	15.27		
		3-11-60	P		24		0	16.14		
		7-11-60	P		24		0	15.56		
		5-14-61	P		24		0	22.1		
		10-26-61	P		24		0	21		
		2-19-62	P		24		0	20		
		3-19-62	P		24		0	24		
		5-7-62	P		24		0	27		

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.

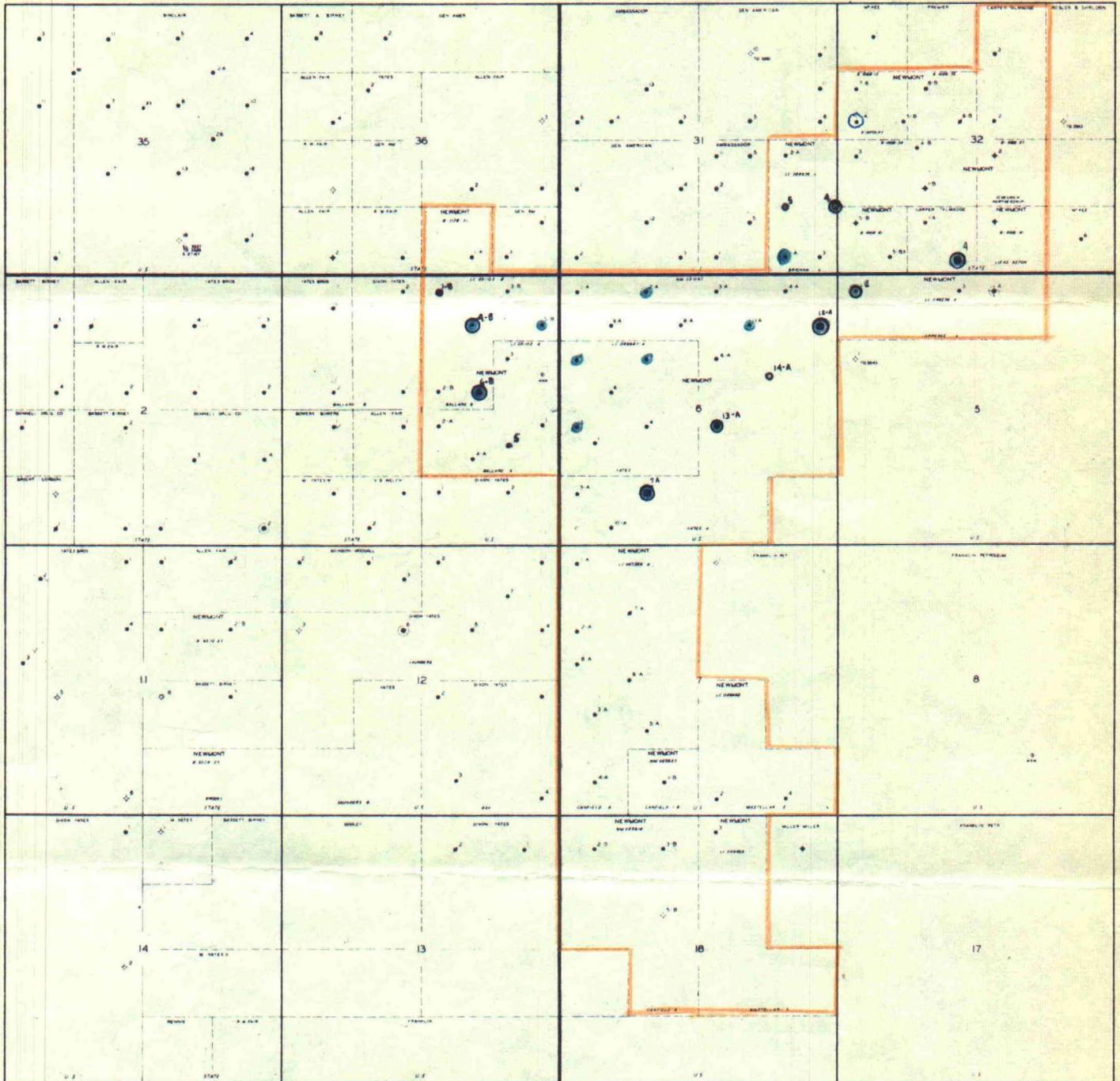
(I certify that the information given is true and complete to the best of my knowledge.)

Date May 9, 1962

NEWMONT OIL COMPANY
 Company
 By Dermot Redditt
 Superintendent
 Title

R - 29E

R - 30E



T
17
S
—
T
18
S

LOCO HILLS
 NEWMONT OIL COMPANY
 EDDY COUNTY, NEW MEXICO



Legend

- LOCATION
- OIL WELL
- GAS WELL
- ⊙ TRAP WELL
- ⊕ PUMP-OUT WELL
- ⊖ WATER SUPPLY WELL
- ⊗ WATER SUPPLY WELL
- ⊘ WATER SUPPLY WELL

NEWMONT OIL COMPANY

308 BOOKER BUILDING
ARTESIA, NEW MEXICO

DISTRICT OFFICE

1962 MAY 11 PM 1 20

NEW MEXICO
DISTRICT OFFICE

May 10, 1962

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

Gentlemen:

We would like to amend the application for administrative approval to convert Scheurich No. 1 A to water injection to read 2310 feet from the north line instead of 2310 feet from the south line.

A copy of this letter is also being mailed to the State Engineer, General American Oil Company and Robert E. McKee.

Yours truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter
Superintendent

sf

NEWMONT OIL COMPANY

300 BOOKER BUILDING
ARTESIA, NEW MEXICO

NEW MEXICO
DISTRICT OFFICE

May 9, 1962

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 Brigham No. 2 located 2310 from South line and 990 feet from East line Section 31-17S-30E, Eddy County, New Mexico to water injection into the Grayburg Sands.

This well was completed September 15, 1940 in the open hole section from 2762 to 2883. In September 1952, it was deepened to 3134. This well will be plugged back to 2925 prior to injecting water. The casing in this well consists of 454 feet of 8 5/8", 28 pound casing set with 50 sacks of cement and 7", 20 pound casing set at 2762, with 100 sacks of cement.

No water was encountered in the drilling of this well with cable tools and there are no wells which produce drinkable water within a radius of one mile.

Attached is Form C-116 showing response to flooding in Brigham No. 3 located in the 40 acre proration unit to the south and a map of the area.

A copy of this application is being sent to the State Engineer, General American Oil Company, and Ambassador Oil Company.

Yours truly,

NEWMONT OIL COMPANY


Herman J. Ledbetter
Superintendent

HJL-sf
Attachment

STATE OF NEW MEXICO
MAY 20 11 25 AM

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

MAIN OFFICE OCC
MAY 10 AM 1962

OPERATOR NEWMONT OIL COMPANY POOL LOGO HILLS
 ADDRESS ARTESIA, NEW MEXICO MONTH OF MAY, 1962
 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	
Brigham	3	1-1-61	P		24		-0-	27		
		2-24-61	P		24		-0-	24		
		3-13-61	P		24		-0-	27		
		4-23-61	P		24		-0-	70		
		5-13-61	P		24		-0-	85		
		6-17-61	P		24		-0-	125		
		9-26-61	P		24		-0-	386		
		10-29-61	P		24		-0-	335		
		1-5-62	P		24		-0-	218		
		3-3-62	P		24		11	220		

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 May 9, 1962

NEWMONT OIL COMPANY
 Company
 By L. J. Sedlitz
 Superintendent
 Title



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

May 14, 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 applications of Newmont Oil Company dated May 9, 1962 which seek administrative approval for the conversion of Scheurich No. 1 and Bigham No. 2 to water injection wells.

In view of the fact that surface casing in these wells will be cemented in the Salado formation, I conclude that there will be no threat of contamination in any fresh waters which may exist in this area. Therefore, this office offers no objection to the granting of these applications.

Yours truly,

S. E. Reynolds
State Engineer

By: *Frank E. Irby*
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