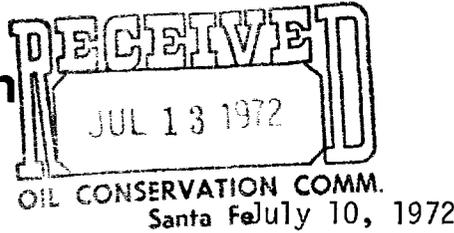


# Mobil Oil Corporation



Case 4800

P.O. BOX 633  
MIDLAND, TEXAS 79701

New Mexico Oil Conservation Commission  
State Land Office Building  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter, Jr.

BRIDGES STATE WATERFLOOD PROJECT  
ORDER NO. R-1244, VACUUM  
(GRAYBURG-SAN ANDRES) POOL  
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Oil Corporation respectfully requests that the wells listed below and indicated with a red circle on the accompanying map be included in the project area of the Bridges State Waterflood Project.

<u>Lease Name</u>	<u>Well No.</u>	<u>Unit Letter</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Bridges State	12	P	26	17S	34E
Bridges State	174	J	15	17S	34E

Well #12 is located at the extreme south edge of the Bridges State Waterflood Project. It was acidized on July 25, 1971 to clean out the well bore and increase production. On August 2, 1971, it potentialized for 61 barrels of oil per day. This rate of production was short-lived because by October 6, 1971 the well tested for only 37 barrels of oil per day. However, as shown on the attached production tests tabulation, production from this well increased from 37 to 85 barrels of oil per day between October 6, 1971 and June 18, 1972. It is Mobil's opinion that the latter increase is waterflood response and not a result of the acid treatment. Injection wells nearest Well #12 are Nos. 30 and 35. Injection began in these two wells in July, 1970 and has continued ever since.

In Case No. 4368 (de novo) held before the Commission on September 16, 1970, Mobil requested authority to convert Wells 14, 15 and 25, located respectively in Unit G of Section 25 and Units O and I of Section 26, Township 17 South, Range 34 East, Lea County, New Mexico. The Commission denied Mobil's Application on the 10th day of November, 1970. Because this application was denied and Wells 15 or 25 could not be converted to injection service, Well #12 does not qualify under Rule 701-E to be included in the project area. However, it

8-11-72

July 10, 1972

is respectfully requested that the Commission consider placing this well in the project area by administrative action.

As stated earlier, Well #12 on the latest test pumped 85 barrels of oil per day. It is likely that the producing ability of this well will continue to improve. In order to prevent oil resulting from Mobil's waterflood efforts being swept off our lease, Well #12 needs to be produced at capacity.

Well #174, located on the west side of the waterflood project, was completed on May 15, 1972. It potentialled for 4 barrels of oil and 82 barrels of water per day. To eliminate paper work and separate reporting, it is requested that this well be placed in the project area by administrative action.

Should the Commission conclude that these wells cannot be placed in the project area administratively, please set this matter for hearing before an Examiner at the earliest possible Examiner Hearing.

If a hearing is necessary, it is further requested that Well #12 be granted a temporary capacity allowable until such time as the results of the hearing are made known.

Yours truly,



Ira B. Stitt  
Division Operations Engineer

ADBond/eg

Attachments

cc: NMOCC - Dist. 1, Hobbs, w/attach.  
Commissioner of Public Lands w/attach.  
Offset Operators - See attached list

PRODUCTION TESTS  
 MOBIL OIL CORPORATION'S  
 BRIDGES STATE LEASE, WELL #12  
 VACUUM (GRAYBURG-SAN ANDRES) POOL  
 LEA COUNTY, NEW MEXICO

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<u>TEST DATES</u>	<u>BBLS.</u>	
	<u>Oil</u>	<u>Water</u>
June, 1969	26	0
Jan., 1970	24	3
Feb., 1970	22	11
Mar., 1970	19	3
June, 1970	25	0
Oct., 1970	16	2
Dec., 1970	22	3
May, 1971	16	6
Oct. 6, 1971	37	2
Oct. 24, 1971	50	1
Nov., 1971	45	1
Jan. 3, 1972	70	1
Jan. 28, 1972	76	3
Feb., 1972	56	4
Mar., 1972	48	0
Apr., 1972	57	0
May, 1972	67	1
June, 1972	85	1

OFFSET OPERATORS  
BRIDGES STATE WATERFLOOD PROJECT  
VACUUM (GRAYBURG-SAN ANDRES) POOL  
LEA COUNTY, NEW MEXICO

Atlantic Richfield Company  
Box 1610  
Midland, Texas 79701

Shell Oil Company  
Box 1509  
Midland, Texas 79701

Aztec Gas System, Inc.  
603 Wall Tower West  
Midland, Texas 79701

Texaco Inc.  
Box 3109  
Midland, Texas 79701

Cenard Oil & Gas Company  
400 Expressway Tower  
Dallas, Texas 75206

Continental Oil Company  
Box 431  
Midland, Texas 79701

Getty Oil Company  
Box 1231  
Midland, Texas 79701

Gulf Oil Company - U.S.  
Box 1150  
Midland, Texas 79701

Humble Oil & Refining Company  
Box 1600  
Midland, Texas 79701

Marathon Oil Company  
Box 552  
Midland, Texas 79701

Pennzoil United, Inc.  
Box 1828  
Midland, Texas 79701

The Permian Corporation  
1509 West Wall  
Midland, Texas 79701

Phillips Petroleum Company  
Phillips Building  
4th & Washington  
Odessa, Texas 79760