



MARATHON OIL COMPANY  
FORMERLY THE OHIO OIL COMPANY

July 17, 1963

P. O. Box 220  
Hobbs, New Mexico  
88240

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

Attention: Mr. A. L. Porter, Jr.

Re: Application for Dual Completion  
(Conventional) of State Warn  
A/c 3, Well No. 5, Lea County,  
New Mexico, (Docketed for  
Examiner Hearing July 24, 1963  
as Case No. 2869)

Dear Sir:


Enclosed please find Application for Dual Completion (conventional) of the above referenced well along with diagrammatic sketch of the proposed dual completion, plat of the State Warn A/c 3 lease, and a Gamma-Ray Sonic log of the subject well.

It may be noted, the application seeks approval of the dual completion (conventional) of the well to produce oil from the Vacuum Abo Reef Pool and oil from an undesignated Glorieta Pool through parallel strings of 2 1/16" O. D. tubing.

Case No. 2869, which appears on Commission Docket No. 21-63, wherein Marathon Oil Company seeks approval of the dual completion (conventional) of State Warn A/c 3, Well No. 5 to produce from the Vacuum Abo Reef Pool and either an undesignated Blinbry or Glorieta Pool through parallel strings of 2 1/16" O. D. tubing. However, subsequent to the submission of the letter requesting that the subject application be set for hearing, the Blinbry Zone was tested and proved to be productive of water. Therefore, this application is respectfully submitted for approval of a dual completion in the Vacuum Abo Reef Pool and an undesignated Glorieta Pool.

Yours very truly,

MARATHON OIL COMPANY  
Engineering Department

  
John R. Barber  
Area Petroleum Engineer

JRB:bje

cc: NMOCC-Santa Fe (2)

DOCKET MAILED

Date 7/19/63  


# NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name <b>Vacuum</b>		County <b>Lea</b>		Date <b>July 12</b>
Operator <b>Marathon Oil Company</b>		Lease <b>State Warn A/c 3</b>		Well No. <b>5</b>
Location of Well <b>H</b>	Unit <b>33</b>	Section <b>17 S</b>	Township <b>35 E</b>	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<b>Undesignated Glorieta</b>	<b>Vacuum Abo Reef</b>
b. Top and Bottom of Pay Section (Perforations)	<b>Propose to perforate within interval 6050 to 6150'.</b>	<b>Perforated within interval 8705 to 8905'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>	<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Anticipate Flowing Completion</b>	<b>Anticipate Flowing Completion</b>

4. The following are attached. (Please mark YES or NO)

- Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- No c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Skelly Oil Company, P. O. Box 38, Hobbs, New Mexico

Phillips Petroleum Company, P. O. Box 2105, Hobbs, New Mexico

Mobil Oil Company Inc., P. O. Box 2406, Hobbs, New Mexico

Standard Oil Company of Texas, P. O. Box 397, Hobbs, New Mexico

Shell Oil Company, P. O. Box 1858, Roswell, New Mexico

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES \_\_\_\_\_ NO X. If answer is yes, give date of such notification \_\_\_\_\_.

CERTIFICATE: I, the undersigned, state that I am the Area Petroleum Engineer of the Marathon Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
 Signature

- \* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.
- NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



MARATHON OIL COMPANY  
FORMERLY THE OHIO OIL COMPANY

July 1, 1963

P. O. Box 220  
Hobbs, New Mexico  
88240

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

Attention: Mr. A. L. Porter, Jr.  
Secretary-Director

Re: Application for dual completion of Marathon Oil Company's State Warn A/c 3, Well No. 5, located in the SE/4 of the NE/4 of Section 33-T.17S-R.35E, Lea County, New Mexico for production of oil from the Vacuum-Abo Reef Pool, and production of oil from either an undesignated Blinbry formation or undesignated Glorieta formation

Gentlemen:

Marathon Oil Company hereby makes application to the Commission for authority to dually complete Marathon Oil Company's State Warn A/c 3, Well No. 5, for production of oil from the Vacuum Abo Reef Pool and production of oil from either an undesignated Blinbry formation or in the alternative an undesignated Glorieta formation. Applicant intends promptly to conduct such further tests and perform such further work as is necessary to determine whether the Blinbry or the Glorieta formations will be used in the dual completion. However, regardless of which of these formations is used in the dual completion of the well, Marathon proposes that such well will be a conventional dual completion using parallel strings of 2 1/16" OD (1.750 ID) tubing in a 5 1/2" casing with a production type packer set between the two producing zones to separate production therefrom. Prior to the time of a Hearing on this application, Marathon Oil Company will have determined whether the Blinbry or the Glorieta formation will be used in the dual completion and Marathon will use all reasonable efforts to file with the Commission in triplicate in advance of the Hearing hereon the Commission's form designated "Application for Dual Completion" together with a diagrammatic sketch of such dual completion showing all information required by the Commission and a copy of the

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electric log of such well.

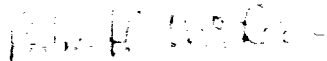
Attached hereto is a plat showing the log of the well to be dually completed and the location of all wells on Marathon Oil Company's lease and to the best of our knowledge all offset wells on offset leases. There is also attached hereto a list of the names and addresses of all interested parties known to Marathon Oil Company.

The approval of the dual completion of Marathon Oil Company's State Warn A/c 3, Well No. 5 in the manner proposed and outlined in this application for dual completion will not cause waste, but will prevent waste and will protect the correlative rights of Marathon Oil Company without infringing on the correlative rights of other operators in any of the pools affected by this application.

Marathon Oil Company requests that this application for dual completion be set for Hearing at the regular Examiner's Hearing during the latter part of July, 1963, which Hearing, Marathon Oil Company understands is to be set on July 24, 1963. Marathon further requests that due notice of this application and Hearing thereon be issued and published as required by law; that following such Hearing this application be granted and that the Commission enter its order authorizing the dual completion requested herein.

Respectfully submitted,

MARATHON OIL COMPANY



By: Robert L. McLean  
Petroleum Engineer

WBL:bje

cc: NMOCC-Santa Fe  
Orig. & 2

NAMES AND ADDRESSES OF INTERESTED PARTIES

Skelly Oil Company  
P. O. Box 38  
Hobbs, New Mexico

Phillips Petroleum Company  
P. O. Box 2105  
Hobbs, New Mexico

Mobil Oil Company, Inc.  
P. O. Box 2406  
Hobbs, New Mexico

Standard of Texas  
P. O. Box 397  
Hobbs, New Mexico

Shell Oil Company  
P. O. Box 1858  
Roswell, New Mexico