



**Marathon
Oil Company**

P.O. Box 2409
Hobbs, New Mexico 88240
Telephone 505-393-7106

September 15, 1978

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

ATTENTION: Mr. J. D. Ramey, Secretary-Director

Re: Application for Authority to Dually Complete Marathon Oil Company's
Lou Worthan Well No. 14, Unit A, Section 11, Township 22-South,
Range 37-East, Lea County, New Mexico

Gentlemen:

Marathon Oil Company respectfully requests that the Oil Conservation Division grant administratively this application for the dual completion of Marathon Oil Company's Lou Worthan Well No. 14, for production of oil from the Wantz Granite Wash Pool and production of gas from the Upper Drinkard gas pool. Attached hereto are the Oil Conservation Division Form C-107, Application for Multiple Completion, fully executed, together with a diagrammatic sketch of the multiple completion and a plat indicating, to the best of our knowledge, the location of all wells on Marathon Oil Company's lease and all offset wells, along with other supporting data required by Oil Conservation Division rules.

Marathon proposes to install a single packer at +6400', segregating the Wantz Granite Wash from the Upper Drinkard gas. The Wantz Granite Wash will be produced flowing through a string of 2 3/8" tubing latched onto the packer at +6394'. The Upper Drinkard gas will be produced by flowing up the annulus. It is Marathon's opinion that the multiple completion of the Lou Worthan Well No. 14, herein described, will effectively prevent communication between the two zones and that the approval of this dual completion will not cause waste and will not infringe upon the correlative rights of any other operator in either of the pools.

A copy of the application, along with attachments listed on Oil Conservation Division Form C-107, Items 4(A), (B), and (C) have been furnished to all

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interested parties known to Marathon Oil Company.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Alexander W. Reid III", with a stylized flourish at the end.

Alexander W. Reid III
Production Engineer

AWR:mfm
Enclosures

xc: Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Offset Operators

Houston Division
Production Operations, U.S. & Canada



**Marathon
Oil Company**

P.O. Box 2409
Hobbs, New Mexico 88240
Telephone 505 393-7106

September 15, 1978

TO: OFFSET OPERATORS

Re: Marathon Oil Company's Application for Dual Completion of Lou
Worthan Well No. 14, Unit A, Section 11, Township 22-South,
Range 37-East, Lea County, New Mexico

Gentlemen:

Enclosed is Oil Conservation Division Form C-107 complete with lease
plat, completion diagram, and offset operators' waivers. It would
be appreciated if you would handle this matter at your earliest
convenience.

Very truly yours,

Alexander W. Reid III
Production Engineer

AWR:mfm
Enclosures

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Marathon Oil Company		County Lea		Date September 7, 1978
Address P. O. Box 2409, Hobbs, N.M. 88240		Lease Lou Worthan		Well No. 14
Location of Well	Unit A	Section 11	Township 22-South	Range 37-East

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. MC-2197; Operator Lease, and Well No.: Marathon Oil Company Lou Worthan Well No. 13

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Upper Drinkard</u>		<u>Wantz Granite Wash</u>
b. Top and Bottom of Pay Section (Perforations)	<u>6224-6294'</u> <u>(Proposed Perfs)</u>		<u>7289-7515'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Oil</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

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

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and 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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.

Exxon Company, Box 1600, Midland, Texas 79701

Sohio Petroleum Company, Box 3167, Midland, Texas 79701

John H. Hendrix, 403 Wall Towers West, Midland, Texas 79701

Mobil Oil Corporation, Box 633, Midland, Texas 79701

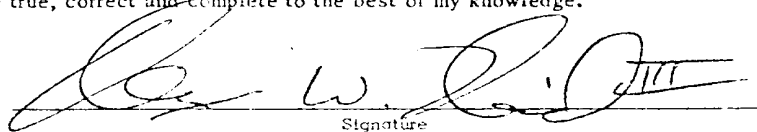
Texas Pacific Oil Company, Inc., Box 4067, Midland, Texas 79701

Shell Oil Company, Box 1507, Midland, Texas 79701

Gulf Energy & Minerals Co., U.S., Box 1150, Midland, Texas 79701

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification September 18, 1978.

CERTIFICATE: I, the undersigned, state that I am the Production 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 multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of

September 15, 1978

TO WHOM IT MAY CONCERN:

Re: Application for Dual Completion of Marathon Oil Company's
Lou Worthan Well No. 14, Unit A, Section 11, Township 22-
South, Range 37-East, Lea County, New Mexico

This is to acknowledge that the undersigned waives objection to the
dual completion as proposed by Marathon Oil Company of the above-
referenced well.

Company

Company Representative

Title

Lou Worthan Well No. 14
Unit A, Section 11, T-22S, R-37E
Lea County, New Mexico

