



**Marathon  
Oil Company**

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

June 7, 1977

New Mexico Oil Conservation Commission  
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  
Mark Owen Well No. 8, Unit M, Section 35, Township 21-South, Range  
37-East, Lea County, New Mexico

Gentlemen:

Marathon Oil Company respectfully requests that the New Mexico Oil Conservation Commission grant administratively this application for the dual completion of Marathon Oil Company's Mark Owen Well No. 8 for production of oil from the Wantz Granite Wash Pool and production of oil from the Wantz Abo Pool. Attached hereto are the New Mexico Oil Conservation Commission 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 Commission rules.

Marathon proposes to install a single packer at 7128', segregating the Wantz Granite Wash from the Wantz Abo. The Wantz Granite Wash will be produced by pumping through a string of 2 3/8" tubing latched onto the packer at 7128'. The Wantz Abo will be produced by flowing through a string of 2 1/16" tubing hung at 7055'. It is Marathon's opinion that the multiple completion of the Mark Owen Well No. 8, 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 New Mexico Oil Conservation Commission Form C-107, Items 4(A), (B), and (C) have been furnished to all interested parties known to Marathon Oil Company.

Respectfully submitted,

Anthony R. Kovacevich  
Petroleum Engineer

ARK:mfm  
Enclosures

xc: NMOCC-District I  
Offset Operators

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OIL CONSERVATION COMM.  
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MARATHON OIL COMPANY  
 Diagrammatic Sketch of Proposed Dual Completion  
 Mark Owen Well No. 8  
 Unit M, Section 35, T-21S, R-37E  
 Lea County, New Mexico

2 1/16" Tubing Set @ 7055'

2 3/8" Tubing Set @ 7128'

7" D.V. Tool @ 4503'

Parallel string anchor  
 set @ 7055'

9 5/8", 32.3# casing set @ 1256',  
 cemented with 400 sacks Lite and  
 200 sacks Class "C". Cement  
 circulated.

Wantz Abo Perforations 6648-7017'.

Baker "FL" tubing divider set @ 7115'.

7" Baker Lokset packer set @ 7128'.

Wantz Granite Wash Perforations  
 7156-7487'.

7", 23# casing set at 6470'.

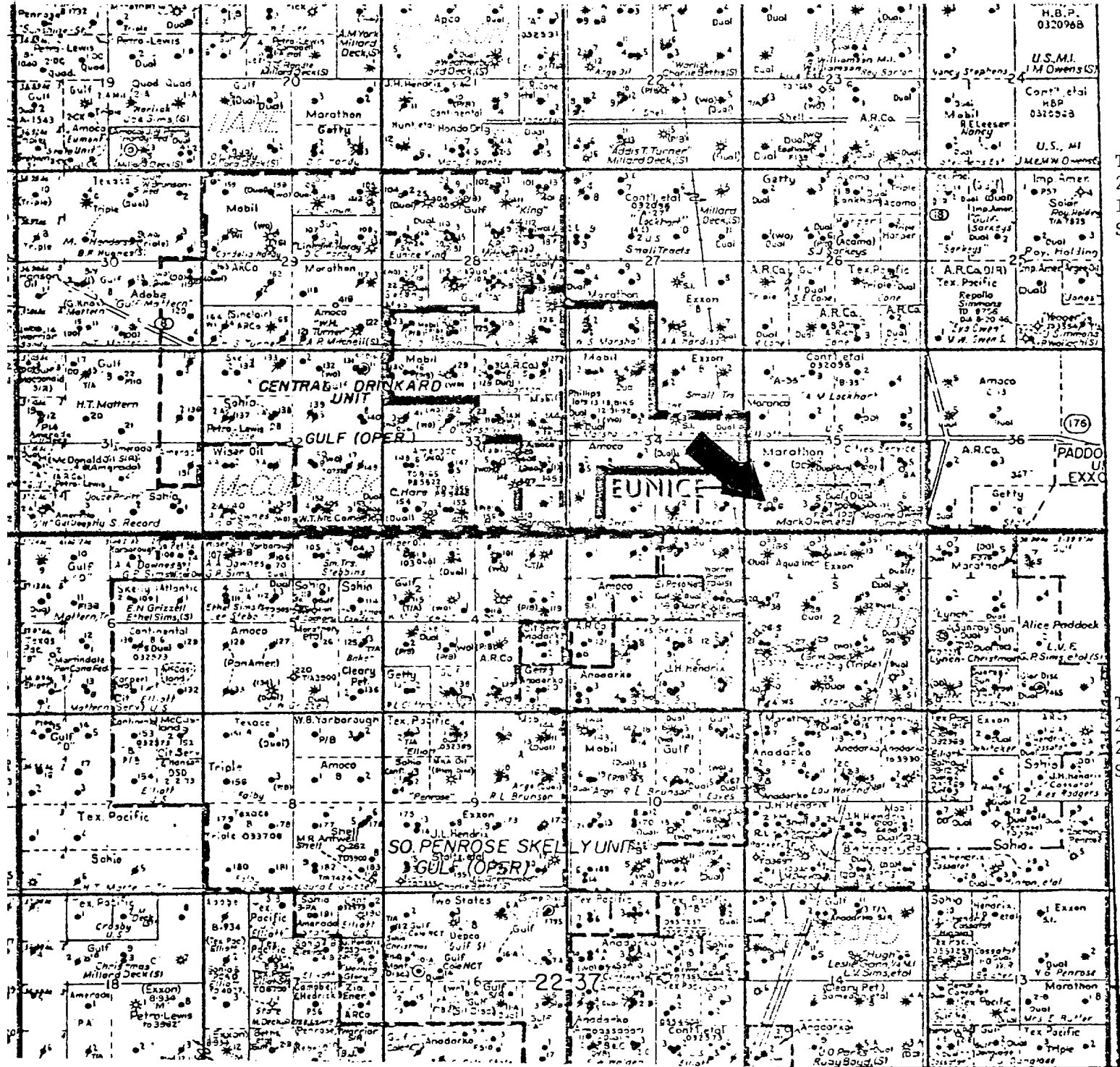
7", 26# casing set at 6470-7505',  
 cemented in two stages.

1st Stage - 700 sacks 50/50 Pozlite III  
 2nd Stage - 1,350 sacks Lite, 400 sack  
 Class "C". Cement circulated, both  
 stages.

PETD 7499'

T.D. 7506'

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HOBBS, N. M.



R-37-E

Marathon Oil Company  
Application for Dual Completion  
Mark Owen Well No. 8  
● Subject Well



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OIL CONSERVATION COMM.  
RUBEN N. M.

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

Form C-107  
5-1-61

Operator <b>Marathon Oil Company</b>		County <b>Lea</b>	Date <b>June 7, 1977</b>
Address <b>P. O. Box 2409, Hobbs, New Mexico 88240</b>		Lease <b>Mark Owen</b>	Well No. <b>8</b>
Location of Well <b>M</b>	Unit <b>35</b>	Section <b>21-South</b>	Range <b>37-East</b>

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-2265; Operator Lease, and Well No.: Marathon Oil Company, Mark Owen Well No. 7

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Abo</b>	<b>-</b>	<b>Granite Wash</b>
b. Top and Bottom of Pay Section (Perforations)	<b>6648-7017'</b>	<b>-</b>	<b>7156-7487'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>	<b>-</b>	<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>		<b>Artificial Lift</b>

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.

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

Exxon Company, P. O. Box 1600, Midland, Texas 79701

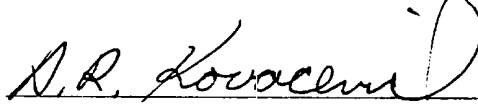
Cities Service Oil Company, P. O. Box 1919, Midland, Texas 79701

Continental Oil Company, P. O. Box 460, Hobbs, New Mexico 88240

Moranco, P. O. Box 1860, Hobbs, New Mexico 88240

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 June 8, 1977 .

CERTIFICATE: I, the undersigned, state that I am the 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 multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

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OIL CONSERVATION COMM.  
HOBBS, N. M.



Houston Division  
Production Operations, U.S. & Canada



**Marathon  
Oil Company**

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

June 7, 1977

TO: OFFSET OPERATORS

Re: Marathon Oil Company's Application for Dual Completion of  
Mark Owen Well No. 8, Unit M, Section 35, Township 21-South,  
Range 37-East, Lea County, New Mexico

Gentlemen:

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

Very truly yours,

Anthony R. Kovacevich  
Petroleum Engineer

ARK:mfm  
Enclosures

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OIL CONSERVATION COMM.  
HOBBS, N. M.

Houston Division  
Production Operations, U.S. & Canada



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Oil Company**

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Hobbs, New Mexico 88240  
Telephone 505/393-7106

June 7, 1977

TO WHOM IT MAY CONCERN:

Re: Application for Dual Completion of Marathon Oil Company's  
Mark Owen Well No. 8, Unit M, Section 35, Township 21-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.

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Company

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Company Representative

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Title

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