



## MARATHON OIL COMPANY

FORMERLY THE OHIO OIL COMPANY

P. O. Box 220  
Hobbs, New Mexico

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

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

Dear Sir:

Marathon Oil Company hereby respectfully requests an exception to Rule 303 (a) to permit the commingling in common facilities of production from the three common sources of supply, as described herein, on its Bertha Barber lease. These three zones are designated as Monument Grayburg San Andres, Monument Blinbry and Monument Paddock.

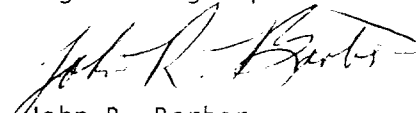
Attached hereto is a data sheet relating to gravities, volumes and values of the liquid hydrocarbon, along with a plat of the Bertha Barber lease and a schematic diagram of the proposed installation. Marathon Oil Company owns 100 percent working interest in the subject lease.

There are presently eight stock tanks in the Bertha Barber South battery serving the subject three zones of production. These tanks are in ill repair and need to be replaced at the present time. It is felt that should authority be granted to commingle on the Bertha Barber lease, three stock tanks will adequately handle the production from the three subject zones now being served with eight tanks. It may be noted from the attached data sheet that a small loss will be incurred due to commingling. However, it is felt that this loss will be more than offset by the saving on the replacement tankage.

The Commissioner of Public Lands for the State of New Mexico has been furnished a copy of this application and it is requested that he forward his approval of the proposed commingling installation to the Oil Conservation Commission.

Yours very truly,

MARATHON OIL COMPANY  
Engineering Department

  
John R. Barber  
Area Petroleum Engineer

JRB:bje

cc: St. Land Commissioner  
P. O. Box 791  
Santa Fe, N.M.

Oil Conservation Comm.  
P. O. Box 1980  
Hobbs, N.M.

December 20, 1963

13

December 24, 1963

Marathon Oil Company  
P. O. Box 220  
Hobbs, New Mexico

Gentlemen:

In reply to your request of December 20, 1963,  
you do not need approval from us for comingling  
since the land in question is not State land  
and we do not have any jurisdiction over it.

Very truly yours,

E. S. JOHNNY WALKER  
COMMISSIONER OF PUBLIC LANDS

BY:  
ROMULO MARTINEZ  
Oil and Gas Department

ESJW/RM/po

CC: Oil Conservation Commission

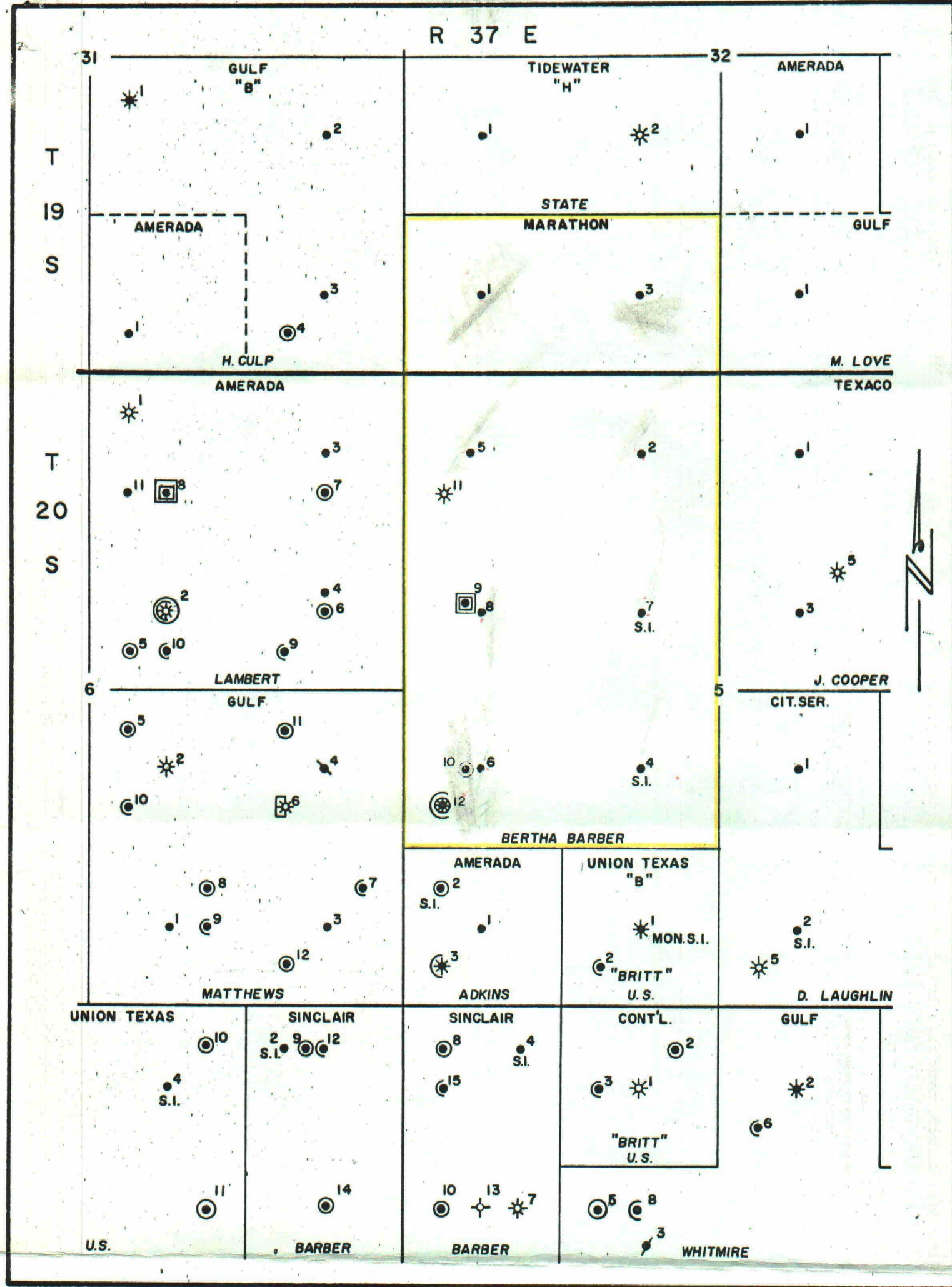
MARATHON OIL COMPANY  
 BERTHA BARBER LEASE  
SECTION 5-T.20S-R.37E

Commingling Data

Zone	Production BOPD	Gravities ° API	Selling Price* Per Bbl. (\$)	Income Per Day (\$)
0+200 Monument TA 57 41 6	41	31.0	2.68	109.88
20000 Blinebry TA 52 76 10-11	76	39.7	2.92	221.92
20000 Paddock TA 52 51 1	51	36.1	2.83	<u>144.33</u>
Total Value Sold Separately - - - - -				476.13/Day
Commingled Values	168	36.4	2.83	475.44/Day
Loss in Value by Commingling- - - - -				0.69/Day

\* West Texas Sour

# 9 PR  
 WTR



# LEGEND

- MONUMENT OIL
- ⊙ PADDOCK OIL
- ⊙ BLINEBRY OIL
- ⊙ BLINEBRY OIL - PADDOCK OIL
- ⊙ EUMONT GAS
- ⊙ MONUMENT OIL - EUMONT GAS
- ⊙ PADDOCK OIL - EUMONT GAS
- ⊙ MCKEE GAS
- ⊙ MCKEE GAS - PADDOCK OIL
- ⊙ MCKEE GAS - MONUMENT GAS

mon 1-3-5-2-8-7-6-4  
Pad 9-12  
Bl 10-9

MARATHON OIL COMPANY  
"Plat of Bertha Barber Lease"  
Scale: 1" = 1000'  
Dec. 19, 1963  
LEA COUNTY, NEW MEXICO

MARATHON OIL COMPANY  
"Proposed Commingling Battery"  
BERTHA BARBER LEASE  
LEA COUNTY, NEW MEXICO  
SCALE: NONE DEC. 20, 1963

