



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 Blinebry and Monument Paddock.

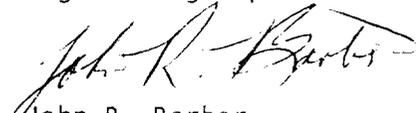
Attached hereto is a data sheet relating to gravities, volumes and values of the liquid hydrocarbon, along with a plat of the Bertha Barber lease and a schematic diagram of the proposed installation. Marathon Oil Company owns 100 percent working interest in the subject lease.

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 commingling
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

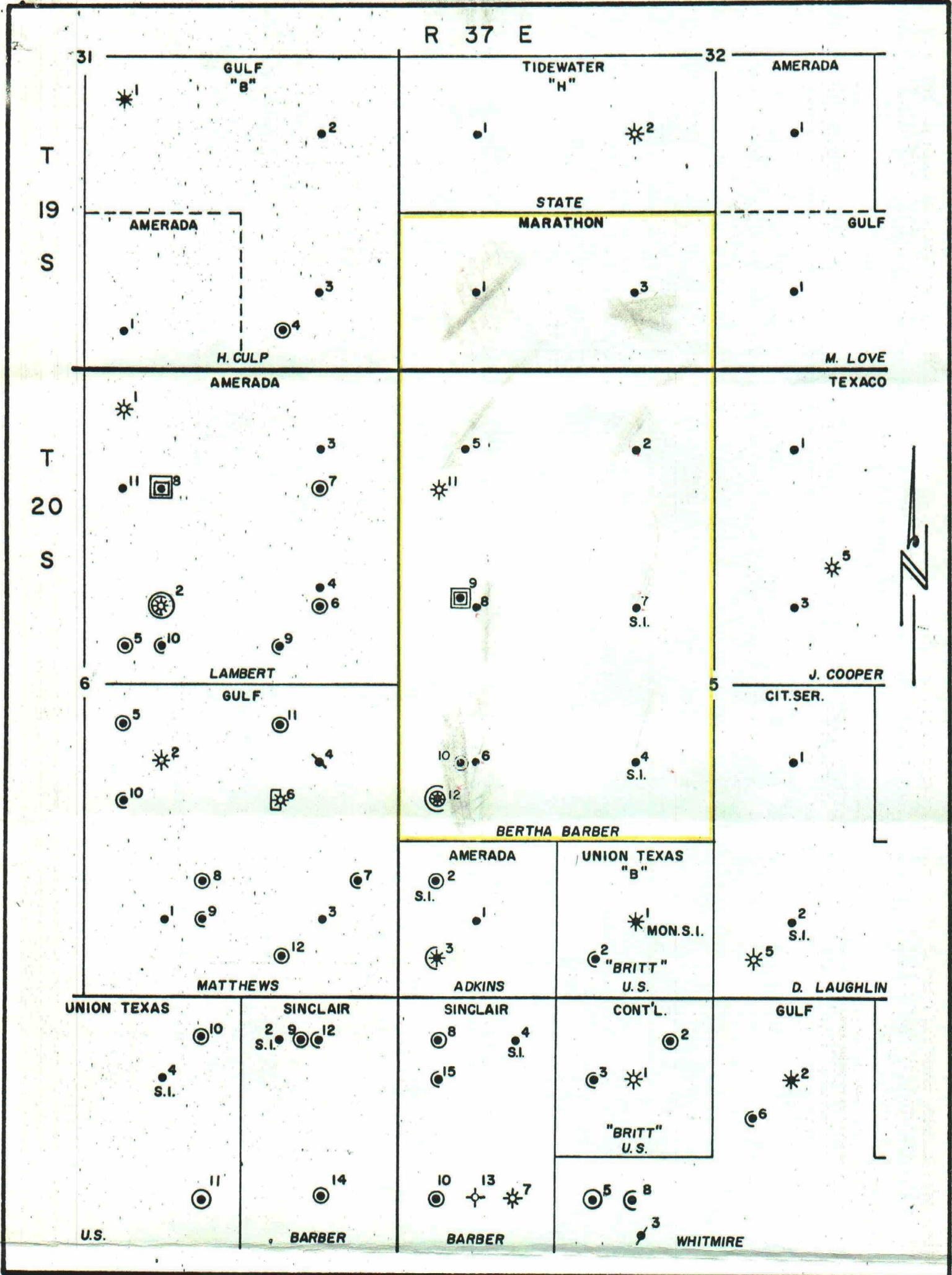
Commingling Data

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 10000	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

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 in TR

R 37 E



LEGEND

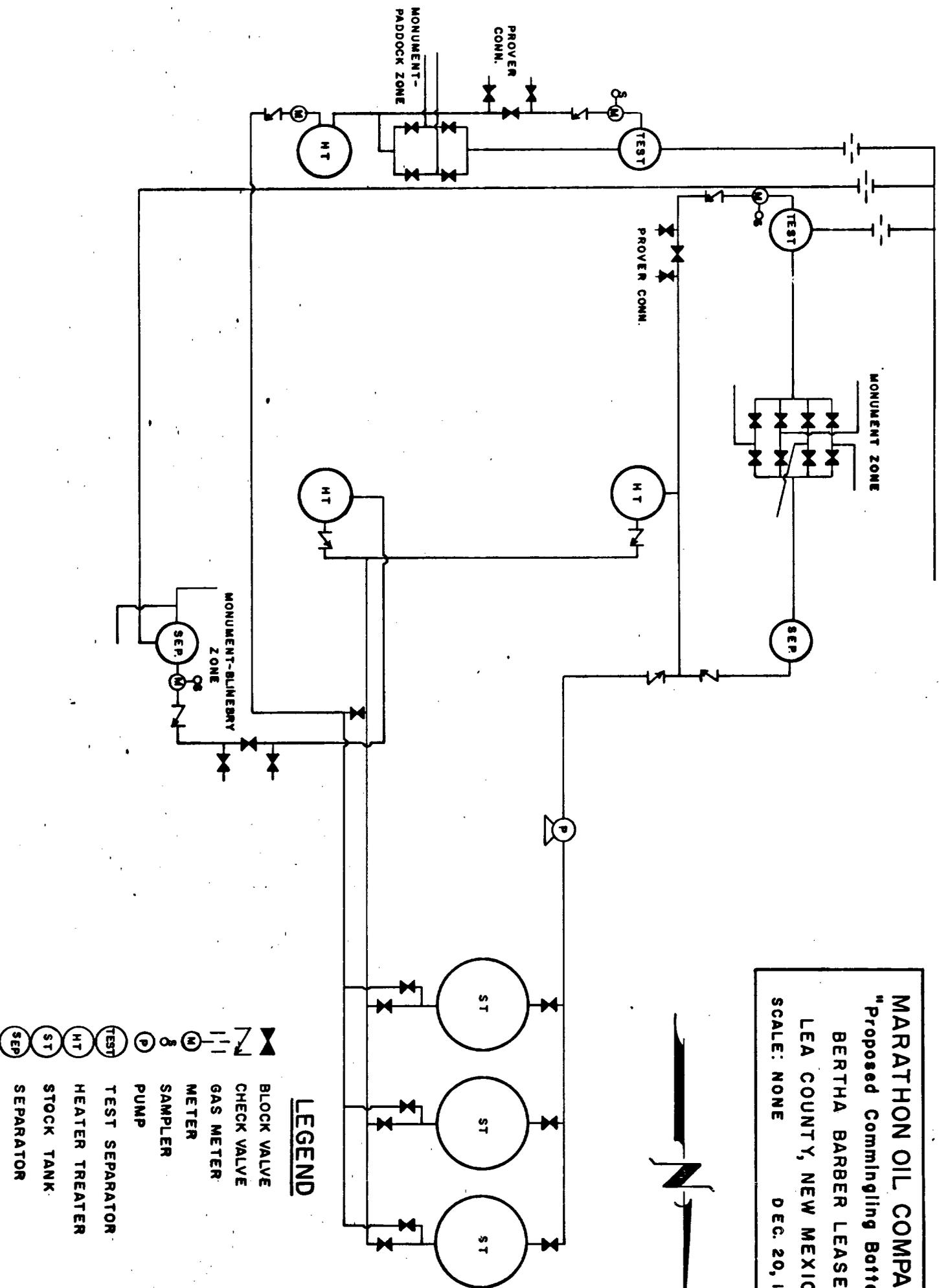
- MONUMENT OIL
- ⊙ PADDOCK OIL
- ⊖ BLINEBRY OIL
- ⊕ BLINEBRY OIL - PADDOCK OIL
- ☀ EUMONT GAS
- ★ MONUMENT OIL - EUMONT GAS
- ☼ PADDOCK OIL - EUMONT GAS
- ☼ McKEE GAS
- ☼ McKEE GAS - PADDOCK OIL
- ☼ McKEE GAS - MONUMENT GAS

6 + 2 SI

*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



LEGEND

-  BLOCK VALVE
-  CHECK VALVE
-  GAS METER
-  LIQUID METER
-  SAMPLER
-  PUMP
-  TEST SEPARATOR
-  HEATER TREATER
-  STOCK TANK
-  SEPARATOR