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Telephone 505/393-7106

May 23, 1977

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

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

Re: On-Lease Commingling, Marathon Oil Company, Edith Butler "B"  
Lease, Drinkard Field, Lea County, New Mexico

Gentlemen:

Marathon Oil Company respectfully requests administrative approval of an exception to Rule 303-A of the N.M.O.C.C. Rules and Regulations to permit the on-lease, surface commingling of liquid hydrocarbons produced from the Blinebry and Tubb gas zones on Marathon's Edith Butler "B" Lease. This lease is described as the North Half of the Southeast Quarter of Section 13, Township 22-South, Range 37-East, Lea County, New Mexico.

Attached hereto is a plat showing the wells on the subject lease, the offset wells and the pools in which each of the wells on the subject lease are completed. Also attached is a diagrammatic sketch of the proposed commingling facility showing it to be of an acceptable design in accordance with the Commission's "Manual for the Installation and Operation of Commingling Facilities."

Marathon's Edith Butler "B" Well No. 1 is a Tubb gas well and Edith Butler "B" Well No. 2 is a Blinebry gas well. Shown below are the average daily liquid hydrocarbon producing rates from each well during the 60-day period ending March 31, 1977.

<u>Pool</u>	<u>Well No.</u>	<u>Daily Average Liquid Hydrocarbon Production (B/D)</u>
Blinebry	2	3.3
Tubb	1	3.5

The gravities of the liquid hydrocarbons to be commingled are very similar and therefore the mixing of these liquid hydrocarbons will not affect the anticipated income from the lease.

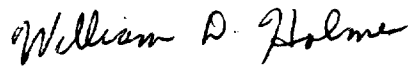
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The royalty ownership on the lease is common throughout.

To allocate the production to the proper well and pool, Marathon proposes to monitor each completion's producing potential by periodic well tests.

Very truly yours,

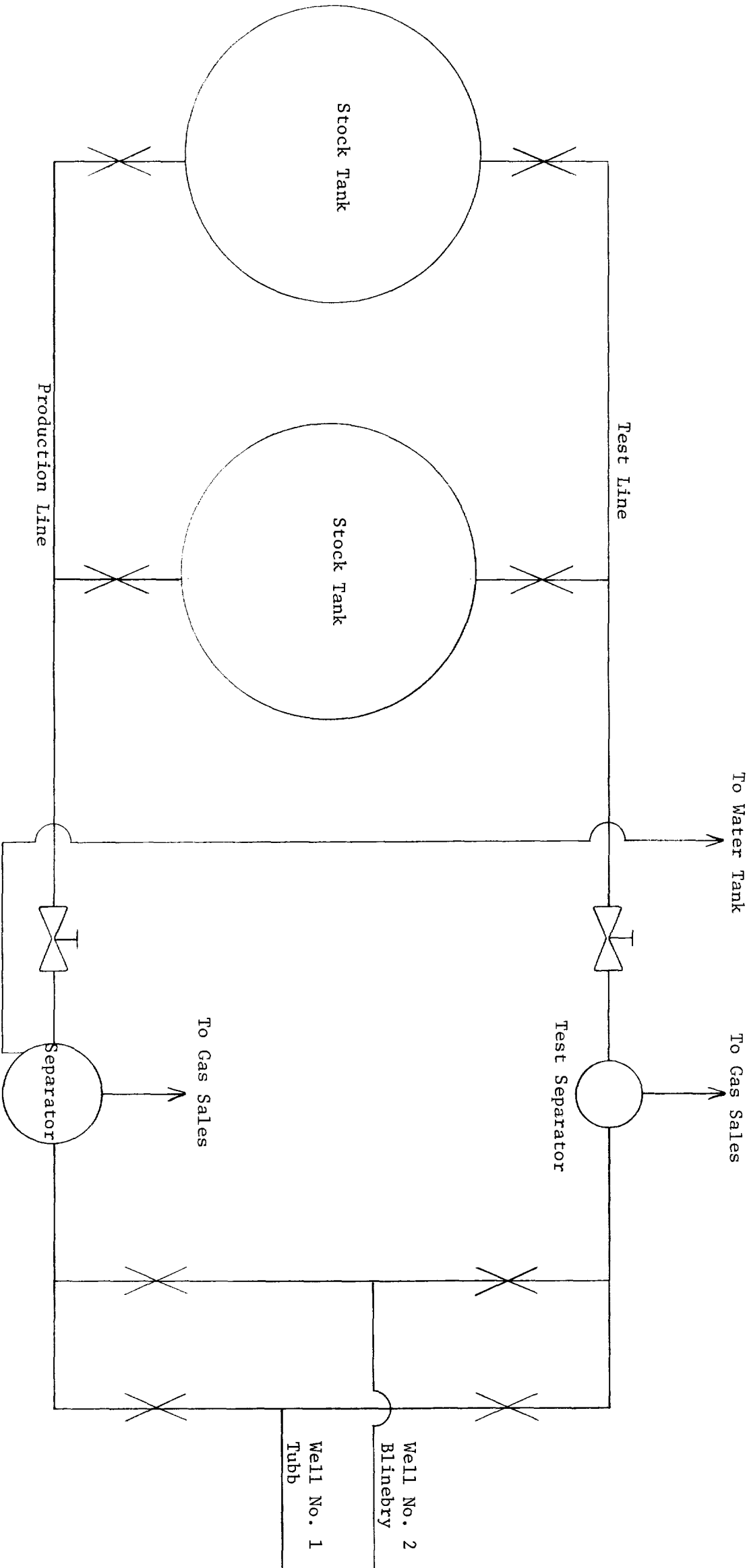
MARATHON OIL COMPANY

A handwritten signature in cursive script that reads "William D. Holmes".

William D. Holmes  
Petroleum Engineer

WDH:mfm  
Enclosures

MARATHON OIL COMPANY  
Schematic Diagram of Proposed  
Blinebry-Tubb Commingled Tank Battery  
Edith Butler "B" Lease  
N/2, SE/4, Sec. 13, T-22S, R-37E,  
Lea County, New Mexico



LEGEND  
Block Valve  
Dump or Back-Pressure Valve



R-37-E

R-38-E

L E G E N D

Drinkard Oil Well  
Blinebry Oil Well  
Paddock Oil Well  
Granite Wash Oil Well

Blinebry Gas Well  
Tubb Gas Well

Dual-Blinebry Oil, Tubb Oil  
Dual-Tubb Oil, Drinkard Oil  
Dual-Drinkard Oil, Granite Wash  
Dual-Blinebry Oil, Drinkard Oil

Dual-Blinebry Oil, Tubb Gas  
Dual-Drinkard Oil, Blinebry Gas  
Dual-Drinkard Oil, Tubb Gas

Dual-Blinebry Gas, Tubb Gas  
Dual - Drinkard Oil, Blinebry Gas

DATA KEY:

Drinkard Zone Production

Well No. 2 Date of First Pr  
Andrews Zone A Cum. MBO. 2-1-75  
Vivian Zone V. Cum. MBO 2-1-75  
Upper Zone U BOPD 1-75  
MCFFD 1-75  
\*Partial Cum Gas

MARATHON OIL COMPANY  
EDITH BUTLER "B" LEASE

DRINKARD FIELD  
Lea County, New Mexico  
Scale: 1"=1000'

