



MARATHON OIL COMPANY

PRODUCTION - UNITED STATES AND CANADA

August 29, 1972  
P. O. Box 2409  
Hobbs, New Mexico 88240

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico 87501

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

Dear Sir:

Marathon Oil Company hereby respectfully requests an exception to Rule 303(2) to permit the commingling in common facilities of production from the two common sources of supply, as described herein, on its J. M. Denton Lease. These two zones are designated as the Denton Wolfcamp and the Denton Devonian. The Denton Wolfcamp zone consists of five marginal wells and the Denton Devonian consists of four marginal wells. Therefore, the periodic well test method of commingling was proposed for this installation.

Attached hereto is a data sheet relating to gravities, volumes, and values of the liquid hydrocarbons along with a plat of the Marathon's J. M. Denton Lease and a schematic diagram of the proposed installation. Marathon Oil Company owns 50 percent working interest in the subject lease.

The land involved is fee land.

Yours very truly,

MARATHON OIL COMPANY

J. W. Younger  
Area Petroleum Engineer

MLJ:lt  
enc.

cc: Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico 88240

MARATHON OIL COMPANY  
J. M. DENTON LEASE  
SECTION 11, T 15S, R 37E

COMMINGLING DATA

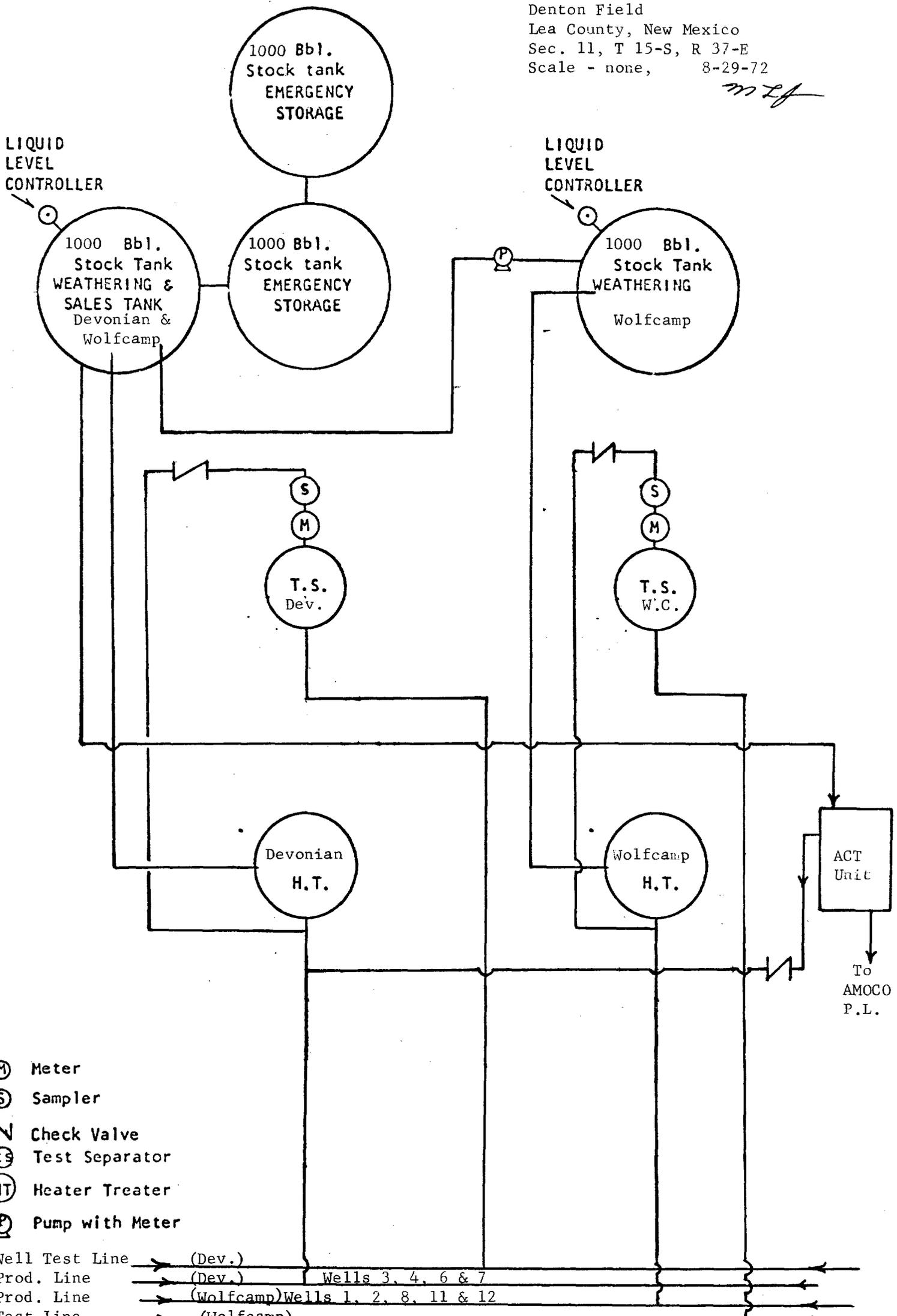
<u>ZONE</u>	<u>JUNE 1972 AVG. BOPD</u>	<u>GRAVITIES API</u>	<u>SELLING PRICE \$ PER BBL.</u>
Wolfcamp*	147	42.8°	3.56
Devonian*	639	43.5°	3.56
Commingled Values	786	43.4°	3.56

Gain or Loss (\$/Bbl.) by Commingling - None.

\*Intermediate sweet.

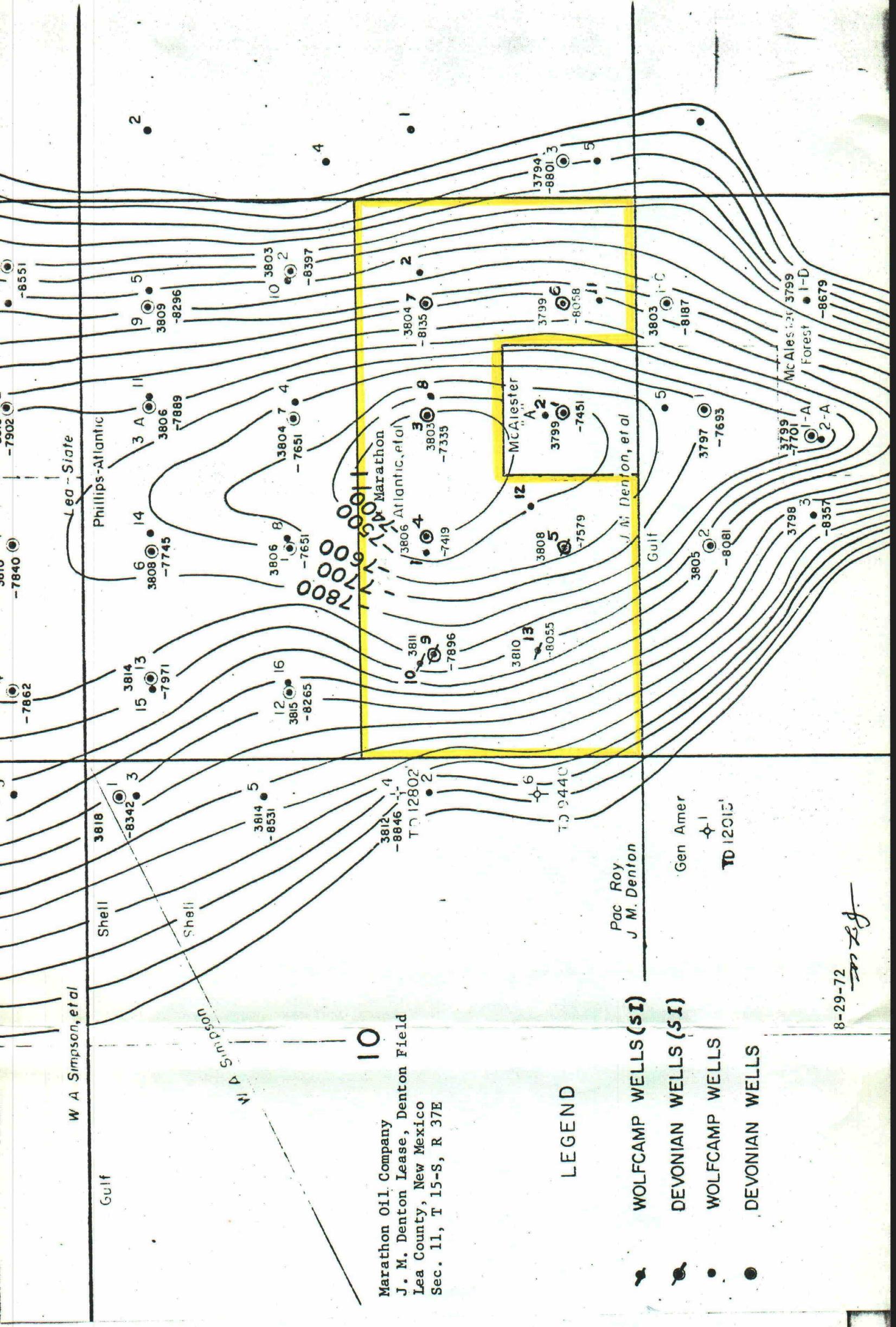
Marathon Oil Company  
 J. M. Denton Lease  
 Denton Field  
 Lea County, New Mexico  
 Sec. 11, T 15-S, R 37-E  
 Scale - none, 8-29-72

*MLF*



- (M) Meter
- (S) Sampler
- N Check Valve
- (TS) Test Separator
- (HT) Heater Treater
- (P) Pump with Meter

Well Test Line → (Dev.)  
 Prod. Line → (Dev.) Wells 3, 4, 6 & 7  
 Prod. Line → (Wolfcamp) Wells 1, 2, 8, 11 & 12  
 Test Line → (Wolfcamp)



W A Simpson, et al

Gulf

Shell

Shell

W A Simpson

10

Marathon Oil Company  
 J. M. Denton Lease, Denton Field  
 Lea County, New Mexico  
 Sec. 11, T 15-S, R 37E

LEGEND

- WOLFCAMP WELLS (SI)
- DEVONIAN WELLS (SI)
- WOLFCAMP WELLS
- DEVONIAN WELLS

Pac Roy  
 J. M. Denton

Gen Amer

TD 12015'

8-29-72

*Handwritten signature*