

PLAT OF TEXACO INC., U. D. SAWYER LEASE AND OFFSET LEASES

Lea County, New Mexico

Scale: 1 inch = 2000 feet

LMF June 30, 1960

LEGEND

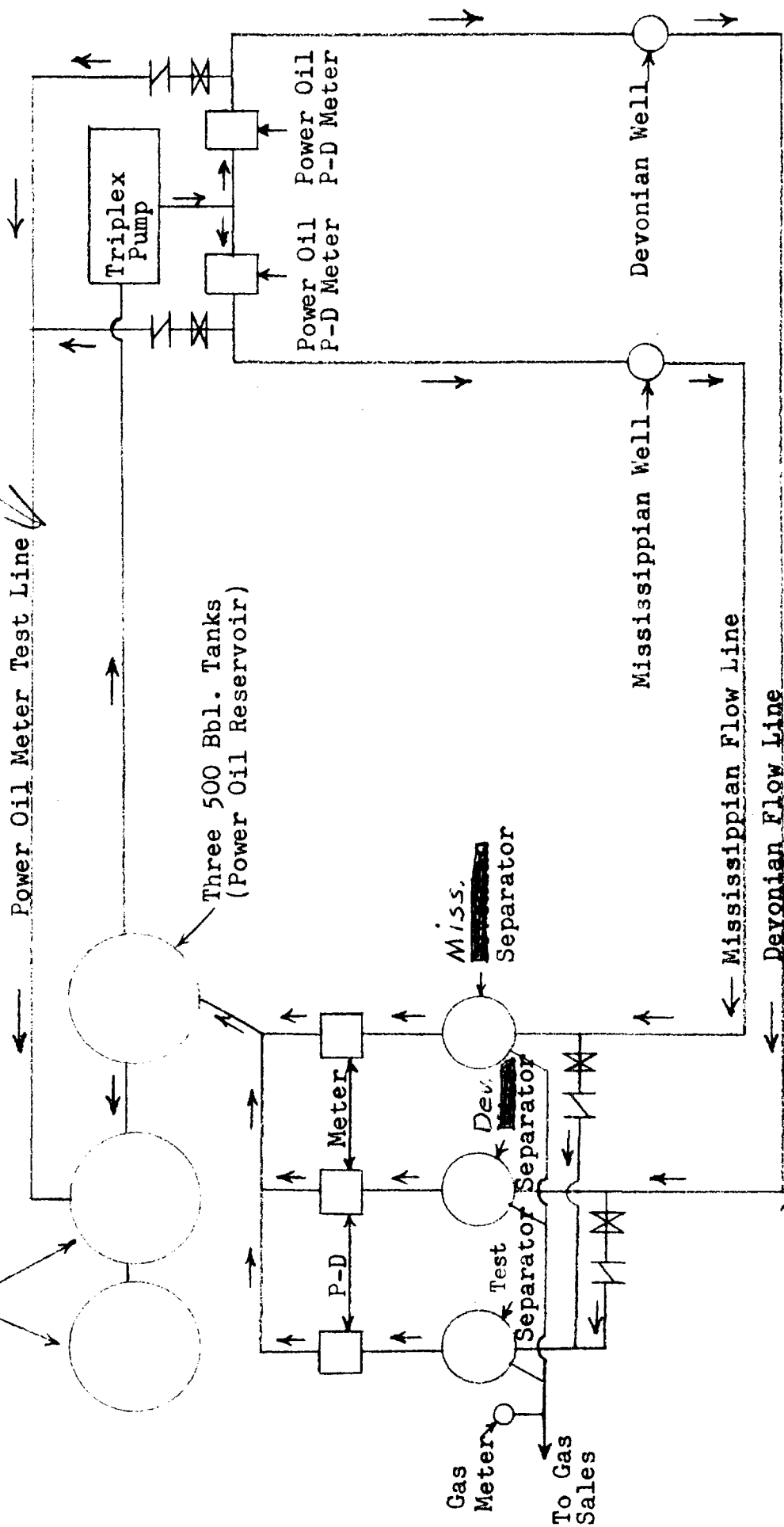
C--Crossroads Devonian  
Pool  
UM--Undesignated Mississippian  
Pool

OFFSET OPERATORS

Mobil Oil Company, P.O. Box 2406, Hobbs, New Mexico  
The Superior Oil Co., P.O. Box 1900, Midland, Texas  
Sunray-Mid-Continent Oil Co., Box 128, Hobbs, New Mexico

DIAGRAMMATIC SKETCH OF COMINGLING INSTALLATION  
 TEXACO INC. U. D. SAWYER LEASE  
 CROSSROADS DEVONIAN AND UNDESIGNATED MISSISSIPPIAN POOLS  
 LEA COUNTY, NEW MEXICO  
 LMF--June 30, 1960

Three 500 Bbl.  
 Stock Tanks



LEGEND

N -- Check Valve

X -- Gate Valve

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case  
2042

July 15, 1960

Texaco Inc.  
P. O. Box 352  
Midland, Texas

Attention: J. G. Blevins, Jr.

Gentlemen:

Reference is made to your letter of June 30, 1960, containing an application for permission to commingle the Crossroads-Devonian production and undesignated Mississippian production from your U. D. Sawyer lease, and for administrative approval to utilize your Devonian LACT system to handle this commingled production.

We cannot approve automatic custody transfer systems administratively, nor can we extend approval of an existing system to cover the production from another pool except after notice and hearing.

It will be necessary to docket a hearing on your request that Order No. R-1608 be amended to authorize your LACT system to handle the commingled Devonian and Mississippian production.

It would be possible to authorize the commingling portion of your request administratively, but such authorization would be of no use to you unless it was accompanied by authority to handle this commingled production by way of your LACT system.

Unless we hear from you to the contrary, we will docket your application for an examiner hearing to be held in Santa Fe on August 10, 1960.

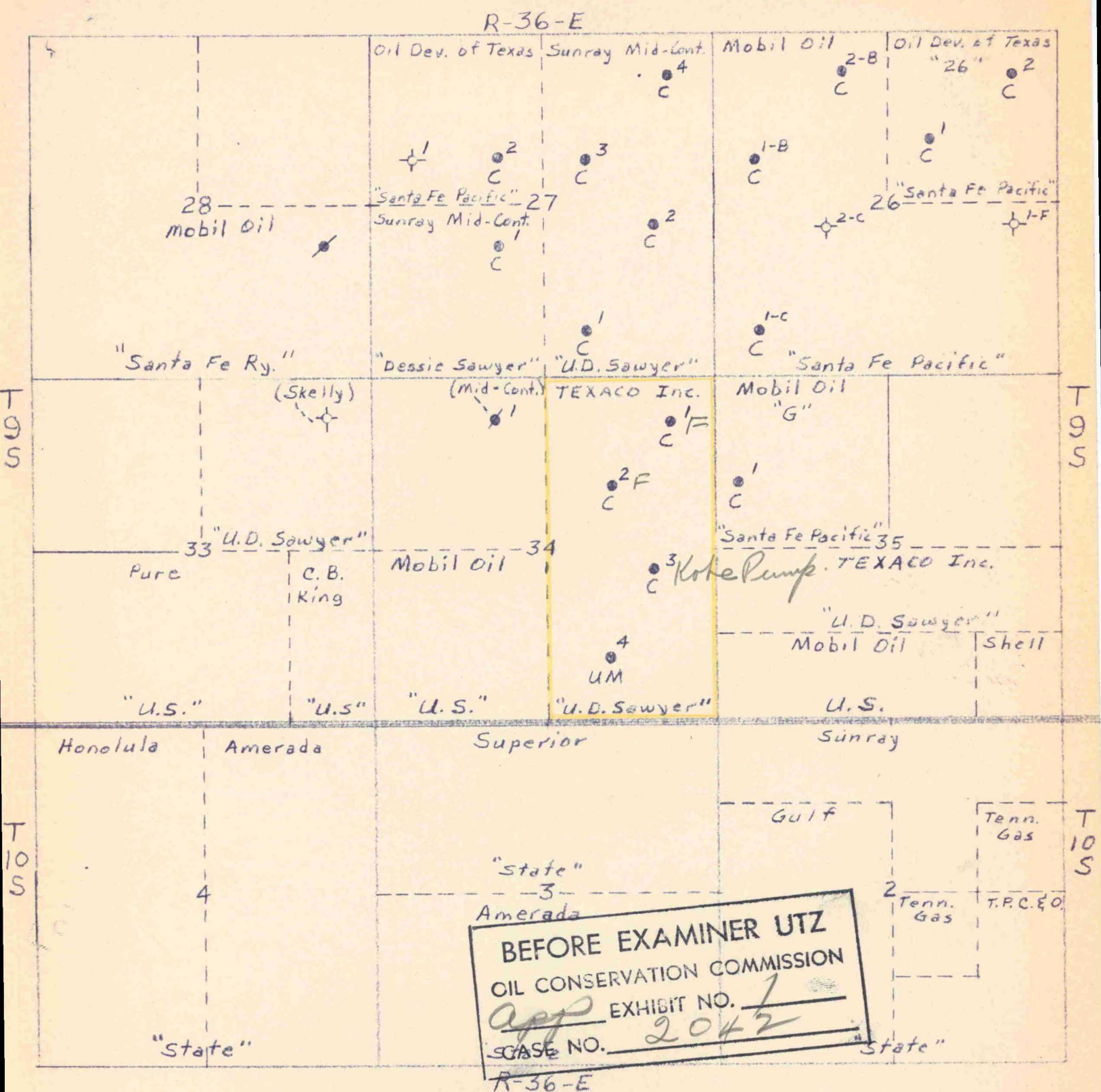
Very truly yours,

OLIVER E. PAYNE  
General Counsel

OEP/esr

C  
O  
P  
Y





PLAT OF TEXACO INC., U. D. SAWYER LEASE AND OFFSET LEASES

Lea County, New Mexico

Scale: 1 inch = 2000 feet

LMF June 30, 1960

**LEGEND**

C—Crossroads Devonian

Pool

UM—Undesignated Mississippian

Pool

**OFFSET OPERATORS**

Mobil Oil Company, P.O. Box 2406, Hobbs, New Mexico

The Superior Oil Co., P.O. Box 1900, Midland, Texas

Sunray-Mid-Continent Oil Co., Box 128, Hobbs, New Mexico

TEXACO Inc.  
 U. D. SAWYER LEASE  
 CROSSROADS DEVONIAN AND UNDESIGNATED MISSISSIPPIAN POOLS  
 E/2 OF SECTION 34, T-9-S, R-36-E  
 LEA COUNTY, NEW MEXICO

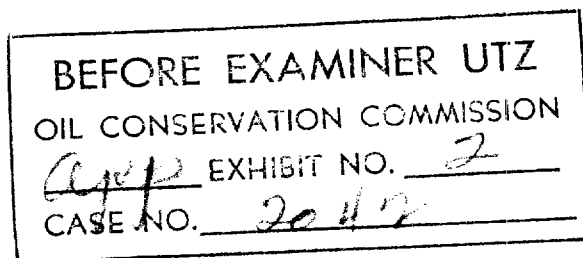
Production Characteristics

<u>Item</u>	<u>Devonian</u>	<u>Mississippian</u>
Type of Crude	intermediate sweet	intermediate sweet
GOR (ft <sup>3</sup> /bbl)	TSTM	not available
Gravity (°API)	44.0°	41.5°

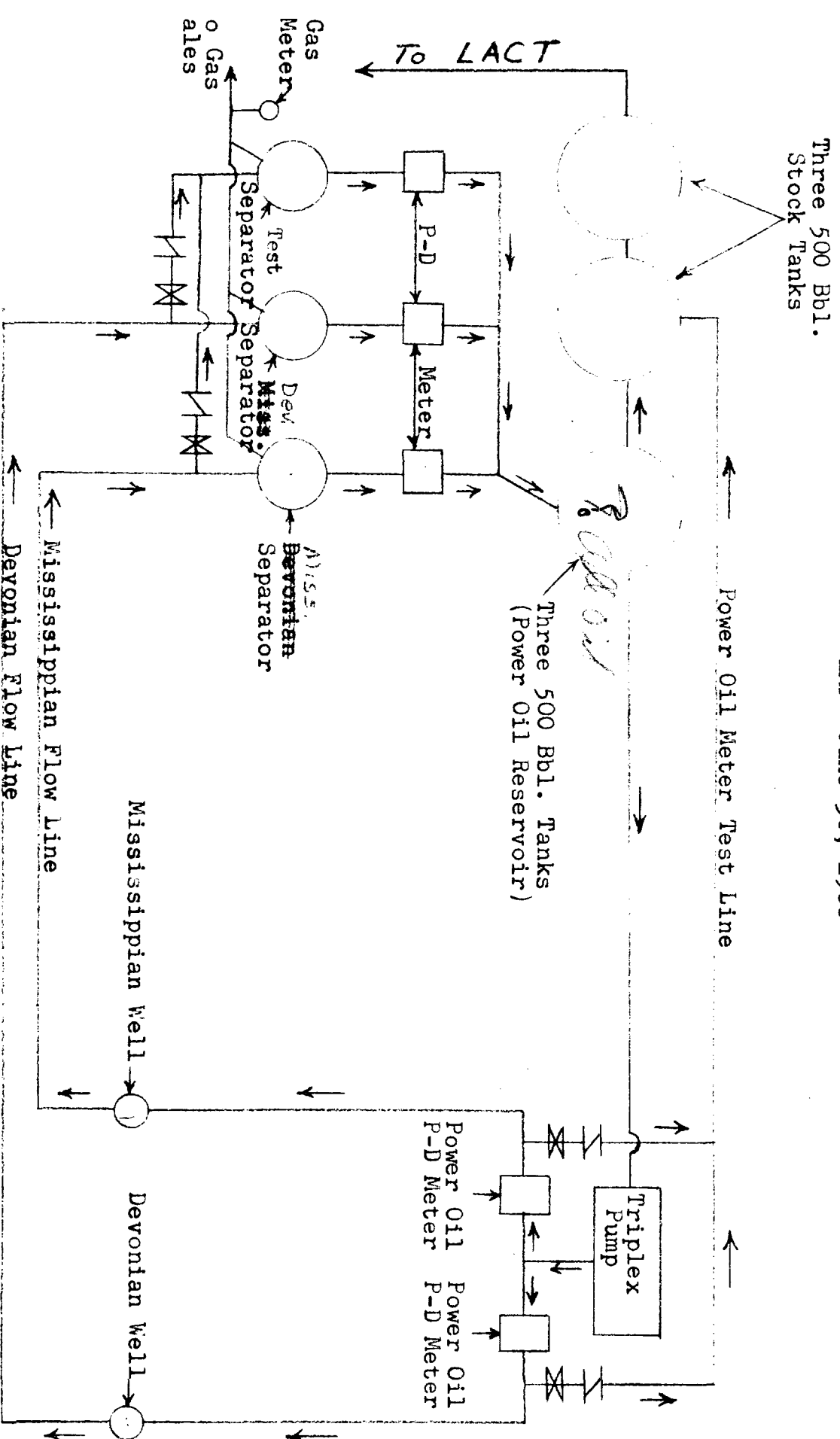
Commingling Statistics

<u>Zone</u>	<u>Productivity (BOPD)</u>	<u>Gravity (°API)</u>	<u>Price Per Barrel</u>	<u>Revenue Per Day</u>
Devonian	669	44.0	3.01	2013.69
Mississippian	80	41.5	3.01	240.80
				<u>\$2254.49</u>
Commingled	749	43.7	3.01	\$2254.49

No Gain or Loss



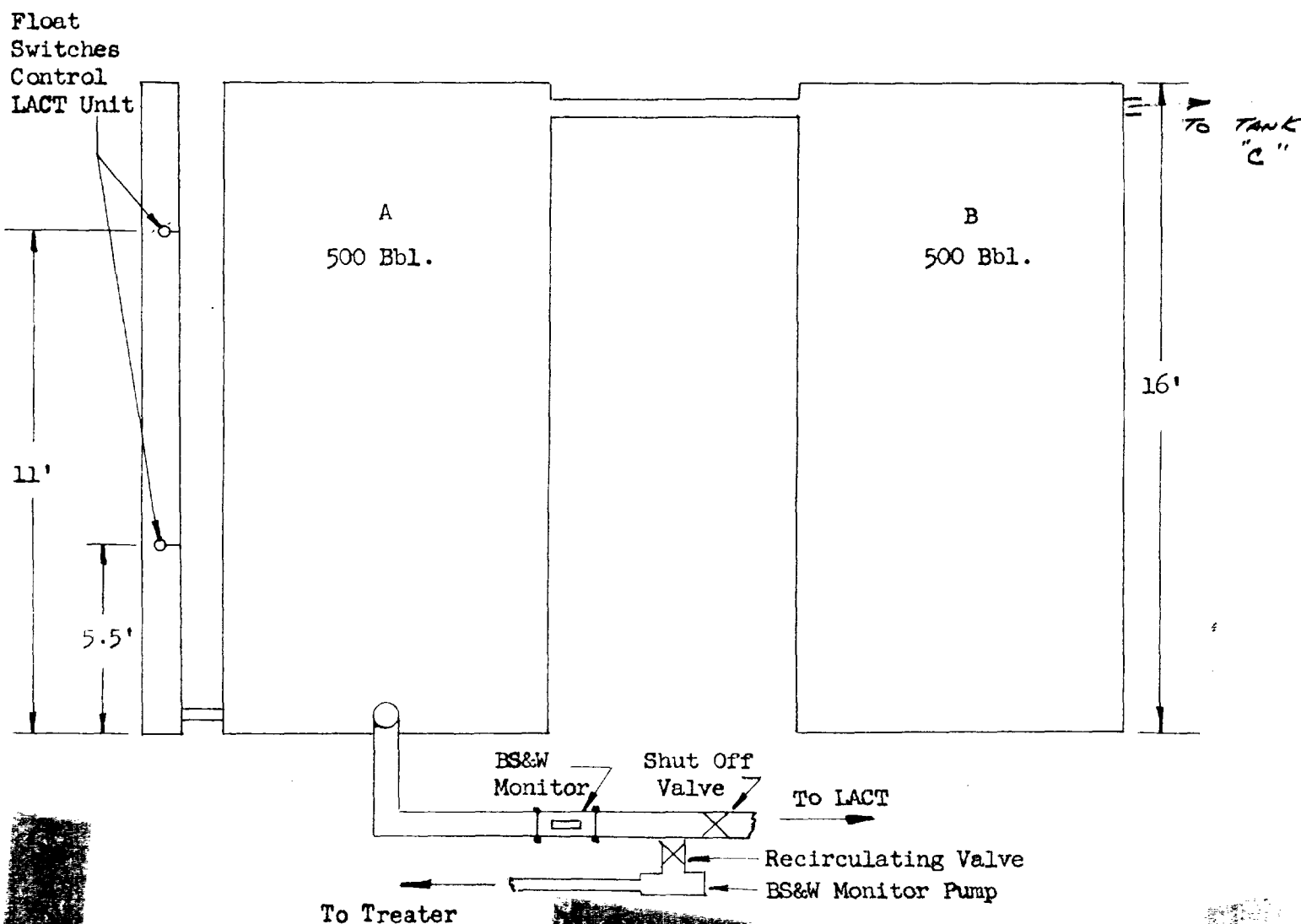
DIAGRAMMATIC SKETCH OF COMINGLING INSTALLATION  
 TEXACO INC. U. D. SAWYER LEASE  
 CROSSROADS DEVONIAN AND UNDESIGNATED MISSISSIPPIAN POOLS  
 LEA COUNTY, NEW MEXICO  
 LNF--June 30, 1960



**LEGEND**  
 N -- Check Valve  
 X -- Gate Valve

BEFORE EXAMINER UTZ  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 2  
 CASE NO. 7042

BEFORE EXAMINER UTZ  
 OIL COMPANY  
 App. 4  
 CASE NO. 2042



Reserve storage above top float switch in Tank "A" to top Tank "C" is 1177 bbls, at allowable rate of 749 BOPD, three wells @ 223 BOPD and one well at 80 BOPD, reserve storage time equals  $1177/749 = 1.57$  days or 37.6 hrs. Maximum time lease will go unattended is 18 hrs.

SCHEMATIC D [REDACTED] CONTROLS

CROSSROADS (DEVONIAN) POOL  
 TEXACO Inc., U.D. SAWYER LEASE  
 SEC. 34, T-9-S, R-36-E  
 LEA COUNTY, NEW MEXICO