



# TIDEWATER OIL COMPANY

Box 547  
Hobbs, New Mexico  
April 5, 1963

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

Re: Administrative approval to commingle production from the Langlie Mattix, Blinebry, and Tubb-Drinkard zones on Getty Oil Company's State "G" Lease, Well Numbers 1 and 2, Unit D, Section 2, T25S, R37E, Lea County, N. Mex.

Gentlemen:

Tidewater Oil Company (Operator) respectfully requests approval to commingle oil produced from the Langlie Mattix, Blinebry, and Tubb-Drinkard zones on the Getty Oil Company State "G" Lease, Wells 1 & 2. Well number 1 is completed in the Langlie Mattix, while #2 is to be dually completed in the Blinebry and Tubb-Drinkard.

Attached is a diagrammatic sketch showing the recommended installation for the three zones. The oil produced from the Blinebry and Tubb-Drinkard zones will be metered separately. The oil from each of these two zones will pass through its respective 2-phase metering separator, where the oil is to be sampled and metered before passing into the common heater-treater. The oil from the Langlie Mattix zone will produce directly into the common heater-treater without having been metered. No separate testing facilities are warranted since this is a 40-acre lease with only one completion in each zone.

Lease production will be calculated using the subtraction method outlined in the New Mexico Oil Conservation Commission Manual for the Installation and Operation of Commingling Facilities. The Blinebry and Tubb-Drinkard net production will be determined by applying the known meter factors of their respective meters to the gross meter reading for each zone less BS&W content. The net Langlie Mattix production will be the difference between the net pipeline runs and the net production from the Blinebry and Tubb-Drinkard zones.

The expected hydrocarbon volumes and gravities from each zone are as follows:

<u>ZONE</u>	<u>GRAVITY</u>	<u>VOLUME</u>
Langlie Mattix	38° API	3 BOPD
Blinebry	40.5° API	50 BOPD
Tubb-Drinkard	38° API	50 BOPD

The expected gravity of the commingled oils is 39.3° API. At this gravity the actual commercial value of the commingled oil will be 1 mil per barrel higher than the average value of the unmixed liquids.

In accordance with Rule 303 of the Commission's Memo No. 10-61, we respectfully request approval to commingle production on this lease.

Yours truly,

TIDEWATER OIL COMPANY

*C. L. Wade*  
C. L. Wade,  
Area Superintendent

DWJ:bw

Attachments

ccc

April 10, 1963

Tidewater Oil Company  
Box 547  
Hobbs, New Mexico

Re: Request to commingle production from  
Langlie Mattix, Blinbry and Tubb  
Drinkard Zones on Getty Oil Company's  
State "G" Lease, B-1566, Wells 1 and 2,  
Unit D, Section 2, Township 25S, Range  
37E, Lea County, New Mexico.

Gentlemen:

This office can see no reason for not approving  
the above request, since the state does stand to  
gain in royalty and the ownership is Common. There-  
fore, this office grants the above request to co-  
mmingle.

Thank you for the schematic diagram and for all the  
pertinent commingling information.

Very truly yours,

E. S. JOHNNY WALKER  
COMMISSIONER OF PUBLIC LANDS

By

ROMULO MARTINEZ  
Oil and Gas Department

EW/RM/pr

cc: Oil Conservation Commission

Oil and Gas Accounting Commission

C  
O  
P  
Y



# TIDEWATER OIL COMPANY

Box 547  
Hobbs, New Mexico  
April 19, 1963

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

Re: Administrative Approval to Commingle Production from the Langlie Mattix, Blinebry, and Tubb-Drinkard zones on Getty Oil Company's State "G" Lease, Wells 1 and 2, Unit D, Section 2, T25S. R37E, Lea County, New Mexico.

Gentlemen:

Upon checking our files, we find our sketch of lease facilities previously submitted to be in error in that it shows no method for testing the accuracy of each zone meter. Please accept this revised diagrammatic sketch of the commingling facilities.

Under testing conditions, the production from one zone will be routed from its metering separator to a stock tank through an auxiliary test line. The metered production will be checked against the stock tank gauge reading. Each meter will be calibrated separately in this manner.

We respectfully submit this revised installation with our request for approval to commingle.

Yours truly,

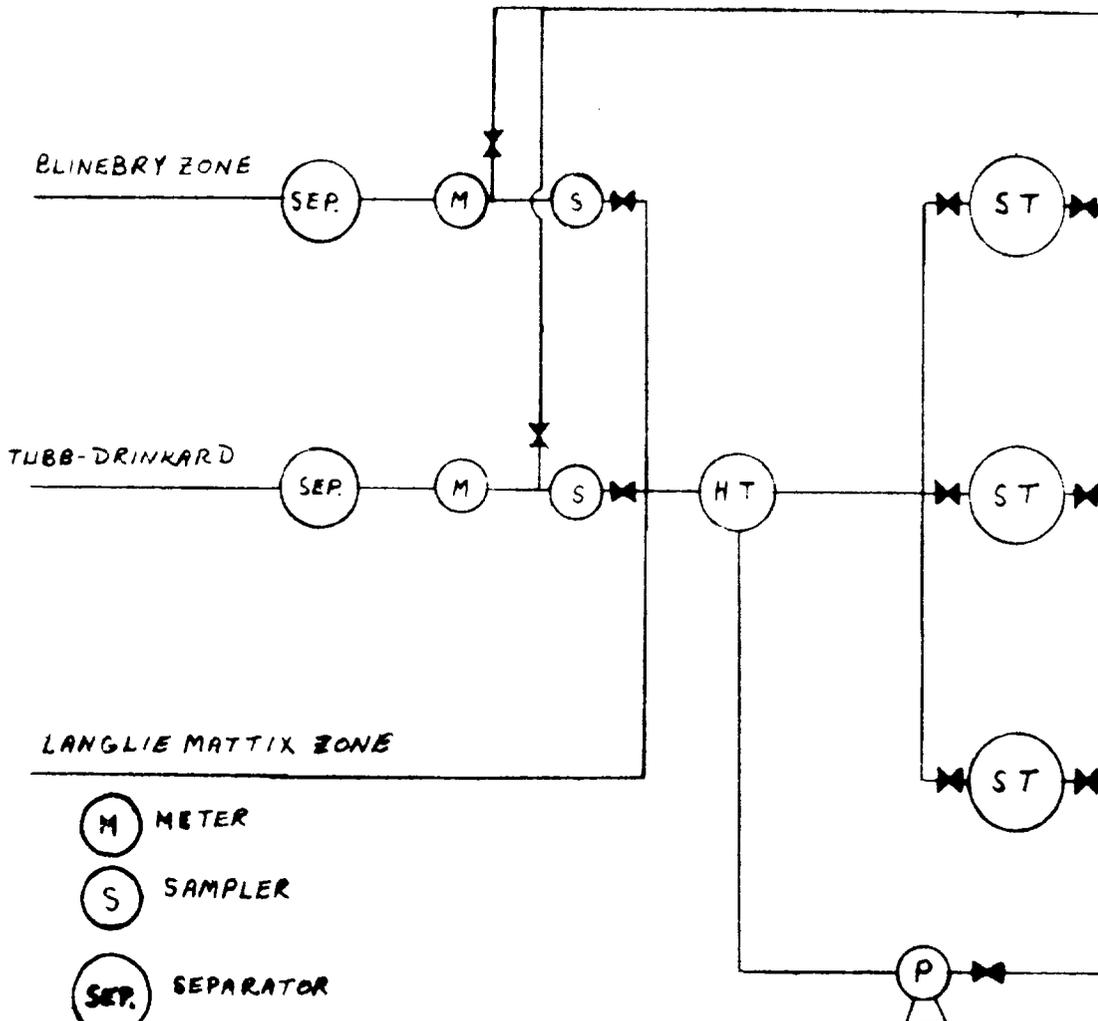
TIDEWATER OIL COMPANY

*C. L. Wade*  
C. L. Wade,  
Area Superintendent

DWJ:bw

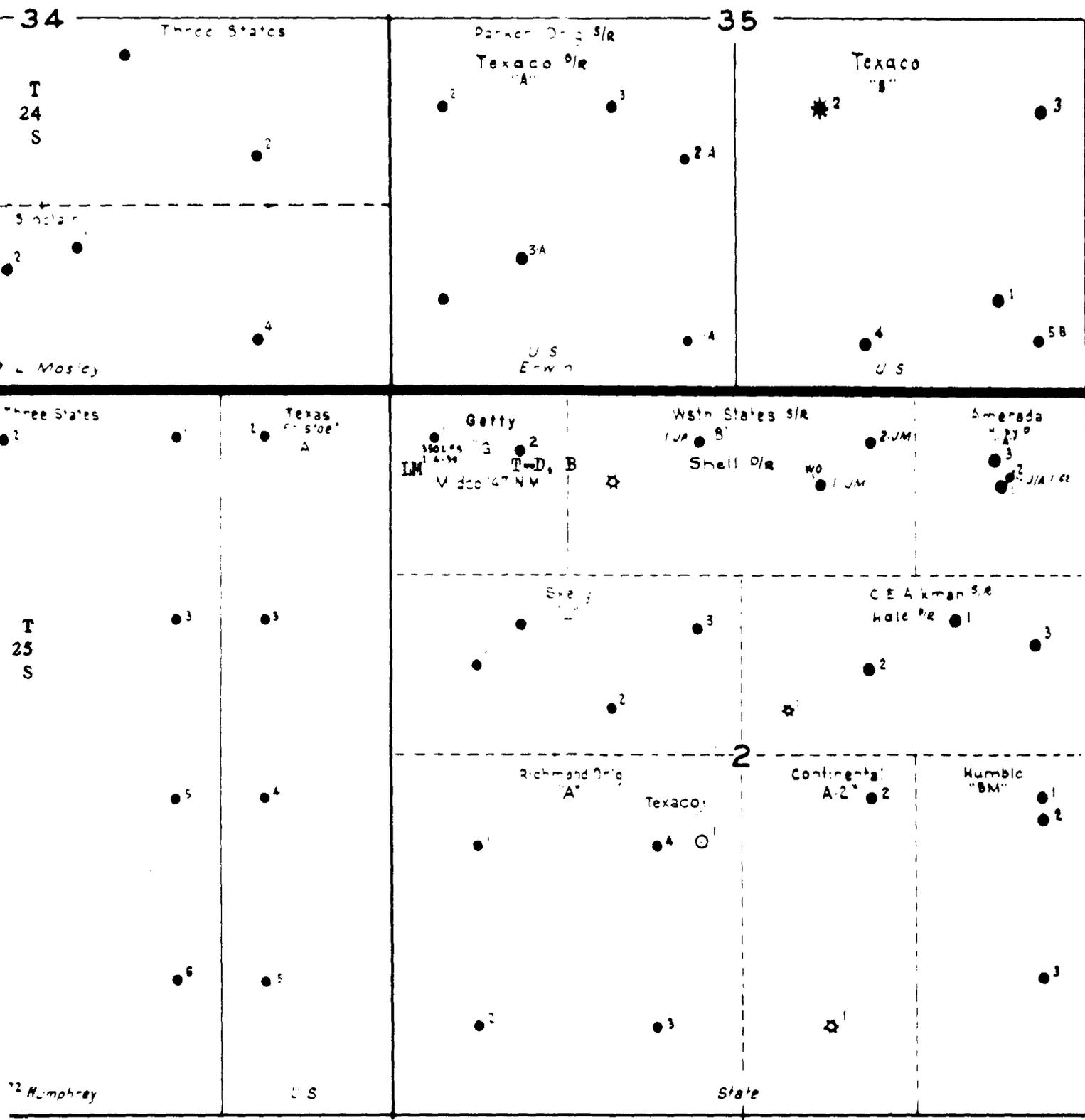
Attachment

PROPOSED FACILITIES FOR COMINGLING LANGLEIE MATTIX,  
 BLINEBRY, AND TUBB-DRINKARD ZONES



- (M) METER
- (S) SAMPLER
- (SEP.) SEPARATOR
- ⌘ BLOCK VALVE
- (HT) HEATER TREATER
- (ST) STOCK TANK
- (P) PUMP

GETTY OIL COMPANY  
 TIDEWATER OIL COMPANY-OPERATOR  
 STATE "G" LEASE  
 LEA COUNTY, NEW MEXICO



**LEGEND:**

- LM - LANGLIE MATTIX
- TD - TUBB - DRINKARD
- B - BLINKERY

TIDEWATER OIL COMPANY  
 SOUTHERN DIVISION  
 WEST TEXAS DISTRICT  
 MAP OF  
 NORTH JUSTIS FIELD  
 COUNTY: LEA  
 STATE: NEW MEXICO