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THOMAS A. DUGAN

Registered Professional Engineer

FARMINGTON, NEW MEXICO

709 BLOOMFIELD BLVD.
OFFICE PH. 325-9184

1007 NORTH DUSTIN
HOME PH. 325-5694

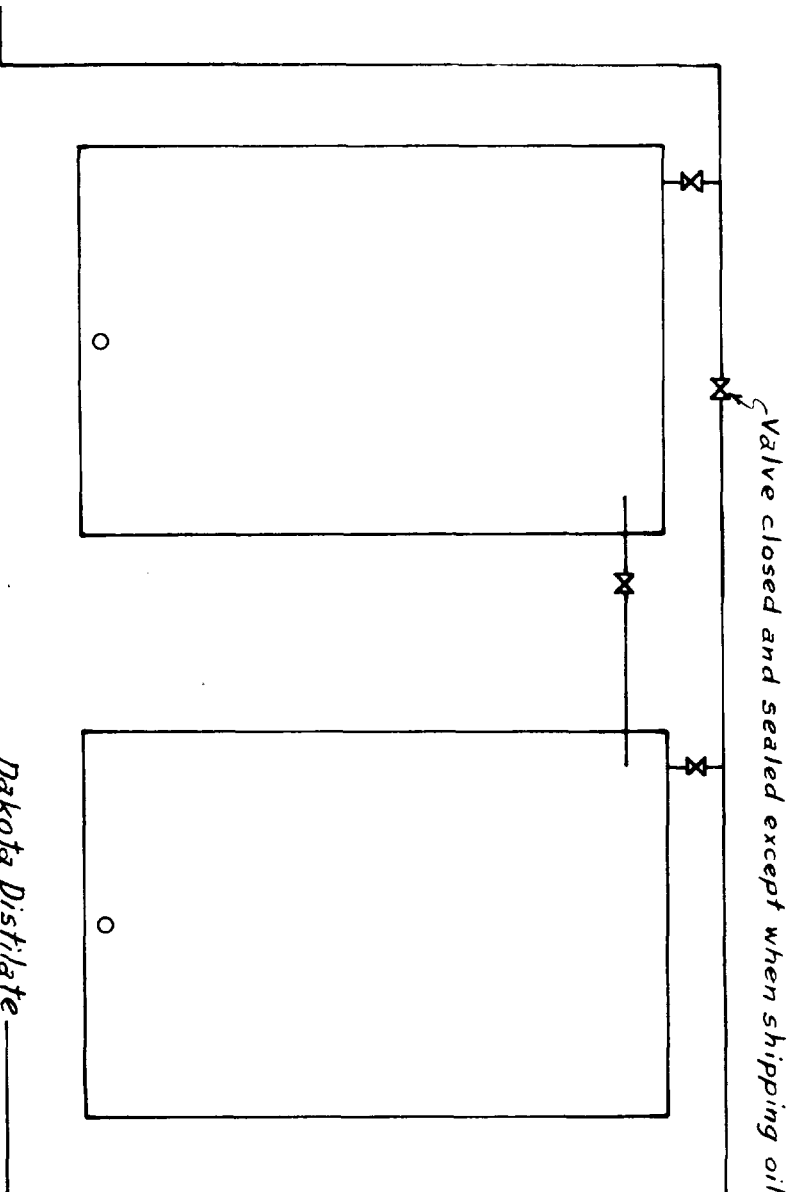
20
1007 North Dustin



ILLEGIBLE

Thomas A. Dugan

Gallup Distilate



TANK BATTERY DIAGRAM

REDFERN & HERD INC.

LARGO SPUR #1

709 BLOOMFIELD BLVD.
OFFICE PH. 325-9184

THOMAS A. DUGAN

Registered Professional Engineer

FARMINGTON, NEW MEXICO

1007 NORTH DUSTIN
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December 18, 1962

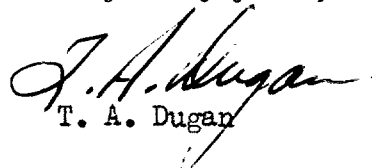
Daniel S. Nutter
New Mexico Oil Conservation Commission
P.O. Box 871
Santa Fe, New Mexico

Dear Dan,

Redfern and Herd has received approval from the U.S. Geological Survey to commingle the production from their Largo Spur #1 as requested in your letter of October 5, 1962.

We are requesting administrative approval to commingle the production from the Gallup and Dakota formations from the Largo Spur #1, Unit J, Sec 18, T24n, R6W, as outlined in our letter of September 19, 1962.

Very truly yours,


T. A. Dugan

CC - Redfern & Herd
Box 1747
Midland, Texas



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer 1857
Roswell, New Mexico

October 31, 1962

Thomas A. Dugan
709 Bloomfield Boulevard
Farmington, New Mexico

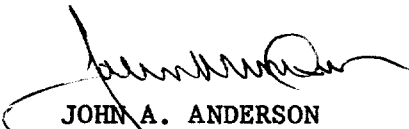
Dear Sir:

Your letter of October 10, addressed to Mr. P. T. McGrath, Farmington, New Mexico, requests approval to commingle in common storage the condensate production of the Gallup and Dakota formations from Redfern & Herd No. 1 Largo Spur located on Federal lease Santa Fe 078562 in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 18, T. 24 N., R. 6 W., Rio Arriba County, New Mexico. This well was originally completed in the Gallup formation for an AOF of 10,476 MCFPD on August 31, 1959, and dually completed in the Dakota formation for an AOF of 583 MCFPD on August 1, 1961.

It is our understanding that commingling will occur in the same tank only when oil is being shipped from the other tank in the battery and that at present oil shipments are being made about two days each month.

The method you propose for commingling this production is satisfactory and is hereby approved.

Very truly yours,


JOHN A. ANDERSON
Regional Oil and Gas Supervisor