



MAIN OFFICE OCC

P. O. Box 249
Hobbs, New Mexico

1964 JUN 25 AM 7:45

June 24, 1964

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

Re: Approval to Commingle Production from the
Abo and Glorieta Zones in the Vacuum Pool
on Tidewater Oil Company's GO State "H" Lse.
Wells Number 2 & 3, Unit M, Section 33,
T17S, R35E, Lea County, New Mexico

Gentlemen:

Tidewater Oil Company respectfully requests approval to commingle oil produced from the Abo and Glorieta zones on its GO State "H" lease. Well Number 2 is a single Abo completion and Well Number 3 (now being drilled) will be completed in the Glorieta pay.

The attached diagrammatic sketch shows a proposed battery installation for the two zones. Production from the Glorieta will be metered and sampled before being commingled with the Abo crude in the common heater treater. The metering separator will be proved in the stock tanks.

Production from the two wells will be calculated using the subtraction method as outlined in the NMOCC Manual for the Installation and Operation of Commingling Facilities. The Glorieta net production will be determined by applying the known meter factor to the gross meter reading less BS & W content. Net Abo production will be the difference between net pipeline runs and the net production from the Glorieta zone.

Abo production from Well Number 2 is currently top allowable at 111 BOPD with a gravity of 39.8° API. The Glorieta production is expected to be top allowable at 50 BOPD with a gravity of 38.3° API. The composite gravity would be 39.3° API. According to these expected figures the commercial value of the commingled oil would be 9 mills (\$0.009) per barrel more than the average value of the unmixed crudes.

Tidewater Oil Company hereby requests administrative approval to commingle these two zones, outlined above, under authority of the Commission Rule 303 (b).

Very truly yours,

TIDEWATER OIL COMPANY

C. L. Wade
C. L. Wade

Area Superintendent

WCS/ep

Attachments

cc: Commissioner of Public Lands

