



PHILLIPS PETROLEUM COMPANY

Exploration & Production Department

P. O. Box 2130
Hobbs, New Mexico

February 24, 1964

In re: Request for Administrative Approval for an Exception to
NMCCC Rule 303 - Phillips Petroleum Company, Santa Fe Lease,
Lea County, New Mexico

State of New Mexico
New Mexico Oil Conservation Commission
P. O. Box 2083
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr. - Secretary Director

Gentlemen:

Administrative Order PC-181, dated January 17, 1964, granted permission to commingle oil produced from the Vacuum Abo, Vacuum Pennsylvanian and Vacuum Wolfcamp Pools in our Santa Fe Well No. 27. The well is located in the NW/4 SW/4 of Section 31, T-17-S, R-35-E, Lea County, New Mexico.

This is to advise that the Pennsylvanian zone in our Santa Fe No. 27 proved to be non-productive. Therefore, Phillips Petroleum Company requests that Administrative Order PC-181 be amended by deleting the Pennsylvanian zone and adding the Vacuum Glorieta.

The Vacuum Glorieta has a gravity of 39° and a top allowable of 52 BCFD. The gravity of the commingled stream will be 40° API. The value of the commingled stream will be equal to or greater than the values of the separate streams. The Abo and Glorieta production will be metered and the Wolfcamp will be obtained by the subtraction method.

The installation will be operated in accordance with NMCCC "Manual for the Installation and operation of Commingling Facilities."

The Commissioner of Public Lands, State of New Mexico, has been notified of this request.

Very truly yours,

J. C. Rodgers
J. C. Rodgers
Area Superintendent
Production Division

WSS:wma
cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico

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1964 FEB 27 PM 3:26

February 26, 1964

Phillips Petroleum Company
P. O. Box 2130
Hobbs, New Mexico

ATTENTION: Mr. W. C. Rodgers

RE: Request to commingle production from Vacuum
Abo, Wolfcamp, and Glorieta Pools, Santa Fe
Lease, located NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 31-17S -35E,
Lea County

Gentlemen:

Since we had granted permission to commingle pro-
duction from the Pennsylvanian Pool and it is non-
productive, we have no objection to commingle from
the Glorieta if the combined value is not less than
the value from the separate pools.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
ROMULO MARTINEZ
Oil and Gas Department

ESJW/RM/bd

cc: Oil Conservation Commission
Oil and Gas Accounting Commission

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$.

Journal of Management Studies, 36(7), 809–826.

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10. The following information is provided for the year ended 31 December 2014: