

Mobil

Mr. Joe D. Ramey

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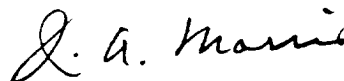
September 18, 1980

- (e) Production decline curve for each well is attached.
- (f) Estimated BHP for the LMQU is 300 psig
Estimated BHP for the HQU is 300 psig
- (g) These wells have been producing oil, water and gas for several years. No harmful deposits in the well bore or other evidences of incompatibility have been observed from the mixing of hydrocarbons and water downhole.
- (h) API gravity of the crude is 39° from each zone. The value of the combined or the sum of individual streams is the same.
- (i) All offset operators were notified by letter of September 9, 1980 of our proposal to downhole commingle the captioned wells.

These wells are currently in a waterflood project and each unit and the wells therein have common ownership. Mobil Producing Texas & New Mexico, Inc. recommends that during downhole commingling, the oil production allocation to the various pools be based on the percentage of gross zone exposed to the well bore. The allocated production should be rounded off to the nearest barrel; less than .5 = 0, .5 or greater = 1. Gas production should be allocated to the various pools by multiplying the barrels of oil allocated by the lease producing gas oil ratio.

We trust that sufficient data has been submitted in order for you to reach a favorable conclusion on MPTM's request for administrative approval to downhole commingle the subject wells.

Yours very truly,



J. A. Morris
Regulatory Engineering Supervisor

HFWeaver/srd

Enclosures

cc: Jerry T. Sexton