



SHELL OIL COMPANY

PETROLEUM BUILDING
P.O. BOX 1509
MIDLAND, TEXAS 79702

APR 20 1979

Subject: Application to Downhole Commingle
Shell Rinewalt Well No. 4,
Unit Letter C, Located 760' FNL
and 1980' FWL Section 4, T-22-S,
R-37-E, Lea County, New Mexico
Drinkard Field

State of New Mexico (3)
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Attention Mr. J. D. Ramey, Secretary-Director

Gentlemen:

Shell Oil Company requests administrative approval under the provisions of Rule 303-C to commingle within the wellbore production from the Tubb and Drinkard pools in its Rinewalt Well No. 4, located in Unit C of Section 4, T-22-S, R-37-E, Lea County, New Mexico.

The subject well has been flowing from the Drinkard zone at a rate of 2 BOPD + 0 BWPD + 34 MCFGPD with a GOR of 17,000 CF/B. The Tubb zone was recently reclassified as an oil zone (effective March 1, 1979) showing a test of 1 BOPD + 1 BWPD + 210 MCFGPD, GOR 210,000 CF/B.

Production from the Tubb and Drinkard formations have been surface commingled at the Rinewalt Battery without any indication of fluid incompatibility. Since the crudes are commingled at the Battery before being sold, no difference in value will result by commingling within the wellbore of the subject well.

The static BHP for the Tubb was 403 PSIG, and the Drinkard is 376 PSIG.

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APR 24 1979

**OIL CONSERVATION COMM.
HOBBAS, H. H.**