

- (1) Operator: Gulf Oil Corporation, P. O. Box 670, Hobbs, New Mexico 88240
- (2) Lease: H. T. Mattern (NCT-D) No. 17, Section 7-T22S-R37E, Unit F, Lea County, New Mexico
- (3) Well History, Production History, Decline Curve and Latest Tests:
The H. T. Mattern (NCT-D) No. 17 was drilled and completed as a Drinkard Oil well in 1975 by perforating, acidizing and fracturing the interval 6488'-6654'. The subject well was then recompleted as a Tubb Oil well by perforating, acidizing and fracturing the interval 6194'-6296' and by temporarily abandoning the Drinkard. Decline curves and production history for both zones, along with latest C-116, are attached.
- (4) Bottom-Hole Pressure: Both zones require artificial lift in order to be produced. Drinkard BHP 475 psi, Tubb BHP 650 psi. (Estimated from offset production).
- (5) Fluid Characteristics:
Tubb and Drinkard production are currently down-hole commingled in the H. T. Mattern Well Nos. 11, 12 and 16. There is no evidence of fluid incompatibility.
- (6) Value of Commingled Fluids:
Tubb and Drinkard production is currently being commingled down-hole (under the above DHC Order) and the price will thus not be affected.
- (7) All offset operators have been notified by a copy of this Application:

Continental Oil Company, P.O. Box 460, Hobbs, NM 88240
Getty Oil Company, P.O. Box 249, Hobbs, NM 88240
Larry L. Yarborough, P.O. Box 1001, Eunice, NM 88231
Sohio Petroleum Company, P.O. Box 3000, Midland, TX 79702
Petro-Lewis Corporation, P.O. Box 509, Levelland, TX 79336
Atlantic Richfield Company, P.O. Box 1610, Midland, TX 79701
Texas Pacific Oil Company, Inc., P.O. Box 4067, Midland, TX 79701
El Paso Natural Gas Company, 600 Building of the Southwest, Midland, TX 79701
Amerada Hess Corporation, P.O. Box 840, Seminole, TX 79360
Shell Oil Company, P.O. Box 1509, Midland, TX 79702