## AZTEC OIL & GAS COMPANY 2000 First National Bank Building

Dallas, Texas 75202

May 1, 1970

DHC-44 New May 24

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New Mexico Oil Conservation Commission Post Office Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Application for Well-bore Commingling, State B Well No. 1 Blinebry and Drinkard Pools Lea County, New Mexico

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Gentlemen:

Aztec Oil & Gas Company respectfully requests administrative approval, under provisions of Order No. R-3845, to commingle production within the wellbore from the Blinebry and Drinkard formations in its State B Well No. 1, Unit I, Sec. 36, T-22-S, R-37-E, Lea County, New Mexico. Authorization for the dual completion of this well was granted under Administrative Order No. MC-1613, dated April 1, 1965, and surface commingling of production was authorized by Order No. PC-291, dated January 3, 1966. Location of this lease and well are indicated on the attached plat.

Production from both reservoirs is marginal. Results of the most recent production tests are shown on the attached Forms C-116 and declines indicated on the attached production curves illustrate our proposed distribution of future oil and gas production from each reservoir. Both zones in this well are flowing, however, elimination of the packer and producing both zones through a single tubing string would most probably increase recovery from both reservoirs. A BHP survey conducted on the Drinkard zone on February 19, 1970 indicated a subsurface pressure of 930 psi and the survey conducted on the Blinebry zone by the New Mexico Engineering Committee in November, 1969 indicated a pressure of 952 psi.

Drinkard and Blinebry production has been commingled at the surface for the past four years with no evidence of incompatability, therefore, none is anticipated with down hole commingling. Since the crudes have been commingled at the tank battery before being sold, there should be no difference in value between that commingled within the well bore and at the tank battery.

PRENTICE WATTS VICE PRESIDENT PRODUCTION New Mexico Oil Conservation Commission May 1, 1970 Page 2

All offset operators are being furnished a copy of this application. The State Land Office has also been furnished a copy of this application and requested to advise your office of their approval or disapproval. Your consideration and approval of this request will be greatly appreciated.

Very truly yours,

S. Enton

L. D. Eaton

LDE:bjr

Encls.

cc: New Mexico Oil Conservation Commission - Hobbs w/encl State Land Office - Santa Fe w/encl Continental Oil Company w/encl Gulf Oil Company w/encl Texaco, Inc. w/encl Phillips Petroleum Company w/encl

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C-116 Revised 1-1-65

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GAS-OIL RATIO TESTS

C-116 Revised 1-1-65

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Lea County, New Mexico