



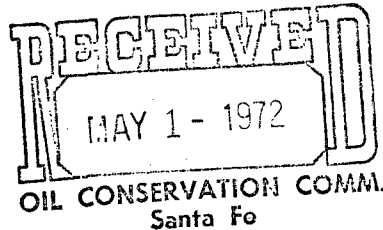
Union Texas Petroleum Division

ALLIED CHEMICAL CORPORATION

1300 WILCO BUILDING • MIDLAND, TEXAS 79701

915, 682-0515

April 21, 1972



Oil Conservation Commission
The State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

DHC-112
Due May 21

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

Re: Application for Downhole Commingling
Union Texas Petroleum
Blocker No. 4
Justis Blinebry and Justis Tubb-Drinkard
Pools; Lea County, New Mexico

Gentlemen:

Union Texas Petroleum respectfully requests administrative approval for downhole commingling in its Blocker No. 4, located 2310 feet from the north line and 1980 feet from the west line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico.

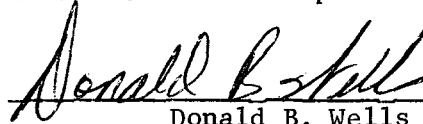
This well qualifies for administrative approval in accordance with Statewide Rule 303, Paragraph C; and in support thereof, the following facts are submitted:

- (1) The attached plat shows the Blocker Lease outlined in red and is described as the Northwest Quarter of Section 13. Well No. 4 is circled in red on the plat.
- (2) The well was dually completed in the Justis Blinebry and Justis Tubb-Drinkard Pools and approved by Commission Order No. MC-1590, dated February 2, 1965. The Tubb-Drinkard zone was temporarily abandoned on January 1, 1971, because of low productivity. We propose to remove the seal element in the dual packer and commingle downhole if this application is approved by the Commission.
- (3) A short time before the Tubb-Drinkard was temporarily abandoned, it was tested at the rate of 6 barrels of oil, 4 barrels of water, and a GOR of 3700 to 1. On February 22, 1971, the Blinebry was produced at the rate of 11 barrels oil, 10 barrels water, and a GOR of 13,400 to 1.
- (4) Neither zone produces more water than the combined oil limit as determined in Rule 303, Paragraph C (b).

- (5) The fluids have been commingled on the surface for several years and no problems have been encountered to indicate incompatibility; therefore, there will be no damage to the reservoir.
- (6) The surface commingling resulted in no reduction of oil value; therefore, downhole commingling will not result in a lesser value.
- (7) The ownership of the zones to be commingled is common.
- (8) Attached is a production decline curve showing the monthly production of oil for each zone since 1967.
- (9) The production from the Blinbry is produced by intermittent flow. The Tubb-Drinkard is temporarily abandoned. Bottom hole pressure is estimated to be less than 200 psig in both zones. The commingled production from both zones will be pumped.
- (10) Commingling in the well bore will not jeopardize the efficiency of future secondary recovery operations in either of the zones.
- (11) Other wells in the two subject pools have been approved for commingling.
- (12) Copies of this application have been furnished to offset operators.

Yours very truly,

UNION TEXAS PETROLEUM, a Division of
Allied Chemical Corporation



Donald B. Wells

DBW:ma
Attachments

cc: New Mexico Oil Conservation Commission
P. O. Box 1980, Hobbs, New Mexico 88240

W. K. Bryom
P. O. Box 147, Hobbs, New Mexico 88240

Texas Pacific Oil Company, Inc.
P. O. Box 4067, Midland, Texas 79701

Atlantic Richfield Company
P. O. Box 1610, Midland, Texas 79701

Gulf Oil Corporation
P. O. Box 1150, Midland, Texas 79701

Terra Resources, Inc.
1400 Fourth National Bank, Tulsa, Oklahoma 74119

UNION TEXAS PETROLEUM
 BLOCKER NO. 4
 UNIT F; SECTION 13, T-25-S, R-37-E
 LEA COUNTY, NEW MEXICO

