



CONTINENTAL OIL COMPANY

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DHC-88

June 17

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

Attention Mr. A. L. Porter, Jr., Secretary-Director

Gentlemen:

Application for Downhole Commingling - Britt "B" Well No. 9
J-15-20S-37E

Continental Oil Company, Box 460, Hobbs, New Mexico, as operator of the Britt "B" Lease respectfully requests administrative approval under the provisions of Order No. R-3845 to commingle in the well bore production from the Monument Tubb and the Weir Drinkard Pools in its Britt "B" Well No. 9 located in Unit J of Section 10, T-20S, R-37E, Lea County, New Mexico. This dual completion was authorized by Commission Order No. R-1422. The attached plat shows the Britt "B" Lease outlined in red and the No. 9 well by the red circle.

Test data for the Britt "B" Well No. 9 has not been reliable the past several months due to packer leakage which has resulted in communication between the two zones. On March 18, 1971, the Monument Tubb tested 1 BOPD, 0 BWPD and 78 MCFGPD with the Weir Drinkard shut-in. On March 16, 1971, the Weir Drinkard tested 1 BOPD, 2 BWPD and 74 MCFGPD with the Monument Tubb shut-in. No C-115 is attached for the well due to the unreliable test data.

On May 21, 1971, the bottom hole pressure in the Monument Tubb was measured in Semu Tubb Well No. 86 located approximately 3500 feet northeast from the Britt "B" Well No. 9. The Tubb pressure was measured to be 700 psi after shut-in for 24 hours. The Weir Drinkard pressure is estimated to be 500 psi. It was not considered feasible to obtain pressure surveys in the Britt "B" Well No. 9 due to the communication between the zones.

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Attached hereto is a production decline curve for each zone. Anticipated production from the well is 5 BOPD by pumping.

The fluid from these two pools have been commingled at the tank battery for a number of years and there has been no indication of incompatibility. Both crudes are typical Permian high gravity crude.

The Britt "B" is a Federal lease and a copy of the application is being furnished the USGS and to all offset operators. Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



G. C. Jamieson

dw

CC + Enc:

NMOCC - Hobbs

AMOCO Production Company

Amerada Hess Corporation

Marathon Oil Company

Skelly Oil Company

Atlantic Richfield Company

Chevron Oil Company

USGS (2) RLA: JJB: JWK: FILE

BRITT "B" NO. 9



