



**Marathon
Oil Company**

P.O. Box 2409
Hobbs, New Mexico 88240
Telephone 505/393-7106

April 9, 1980

Mr. Joe D. Ramey
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Re: Application of Marathon Oil Company for Approval of Down-Hole
Commingling of Production in the J. L. Muncy No. 4 (Unit H,
Sec. 24-22S-37E), Drinkard and Blinebry Oil Pools, Lea County,
New Mexico

Dear Mr. Ramey:

Marathon Oil Company requests your administrative approval for an
exception to Rule 303-A to permit downhole commingling of production
in the subject well from the Blinebry and Drinkard Pools.

Currently, the Blinebry Zone is dead on this well and will not flow.
Upon approval to downhole commingle, we will artificially lift both
zones with a pumping unit.

Additional information concerning this application as outlined in Rule
303-C is attached for your consideration.

Very truly yours,

Pat N. Burton
Production Engineer

PNB:bbp

Enclosure

April 9, 1980

Rule 303-C-2 Information

- A. Operator: Marathon Oil Company
P.O. Box 2409
Hobbs, New Mexico 88240
- B. Lease: J. L. Muncy No. 4
Unit H, Sec. 24, T-22S, R-37E
Lea County, New Mexico
- C. Well was originally completed in the Blinebry, Drinkard, and Tubb Gas as a triple completion per Administrative Order MC-1809. The Tubb Gas Zone was then squeezed off and the well was completed as a Blinebry and Drinkard dual well.
- D. C-116 dated 4-2-80 for Drinkard zone is attached. The C-116 for the Blinebry oil zone is not attached because this zone is dead and will not flow; hence, no GOR could be obtained.
- E. Production decline curves for both the Blinebry and Drinkard zones are attached.
- F. Bottom Hole Pressure Data:
- | | |
|-----------------------|----------------------------|
| Blinebry: Datum-2400' | Pressure @ Datum 980 PSI* |
| Drinkard: Datum-3050' | Pressure @ Datum 1052 PSI* |
- *Estimates based on most recent available BHP data within vicinity of well.
- G. Fluid Characteristics:
- There is no evidence of incompatibility in fluids.
- H. Value of Commingled Fluids:
- Blinebry and Drinkard production have been surface commingled on this lease per Administrative Order PC-542, dated February 24, 1977. Since production is already commingled on the surface downhole commingling will not affect the price..
- I. All offset operators have been notified by a copy of this application:

Petro-lewis Co. 401 Fort Worth Club Bld. Fort Worth, TX 76102
John H. Hendrix Co. 525 Midland Tower Midland, TX 79701
Clow Central Tel. Co. 1002 Wilco Bld. Midland, TX 79701

C-116
Revised 1-1-65

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Drinhard Production

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