

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 artifically 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

P17:155

Enclosure

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 E. Hendrin Co. 575 Midland Tower Midland, TX 79701 Clove Central Pet. Co. 1802 Wilco Bld. Midland, TX 78701

NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

Revised 1-1-65

Operator Address During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission. Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate peel rules. P.O. J.L. Muncy Marathon Oil Company Cas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base Report casing pressure in lieu of tubing pressure for any well producing through casing. No well will be assigned an allowable greater than the amount of oil produced on the official test. LEASE NAME Box 2409 Hobbs, M WELL . 0 4 88240 Ξ C 24 LOCATION S Poor! 22**S** 37E æ Drinkard DATEOF 4-2-80 TEST TEST - (X) **40 3441** STATUS O I O I O X M F 42/64 PRESS. 70 TBG. Scheduled X ALLOW-DAILY ABLE ယ County LENGTH TEST HOURS 24 ç WATER CRAV. BBLS. is true and complete to the best of my knowledge and belief. 0 I herely certify that the above information 4-9-88 Preduction Engineer Completion Lea PROD. DURING (.) 2 r sars. 임 (Signature) (Title) TEST とうころこ M.C.F. GAS 5 Spectal ____ CU.FT/BB! GAS - OIL 5000 RATIO

(Date)

						Bo	PD										
<u> </u>	l·		0	· Ç	<u>5</u>		20	 88	 30	 50		8	 70	-,	3	 က် (၄	
17 7	37 8	Jao Futu Mar Apri May July Aug		Socrace													
	10 79 A 20 C A	Oct.	90000000			Drinkard Produc											
19 - 0 0	JA AM SA OA	αv.	5			uction											
19	Ja Fe Mi	int. ib. ib. ir. iv. ine															
19	Fall May Table M	b. or e. y or															

J.L. Muncy #4 Marathon Oil Co.