

AMEND DHC 12/29/99

Houston Division
Production Operations, United States

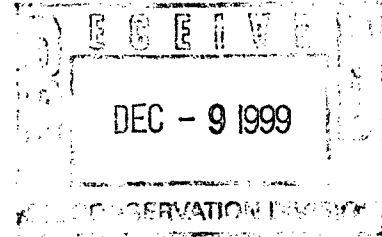


**Marathon
Oil Company**

P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

December 7, 1999

Mr. David Catanach
Oil Conservation Department
Energy and Minerals Department
P.O. Box 2088
Santa Fe, New Mexico 87501



**RE: Request for Allocation Percentage Change for
DHC-1047
Edith Butler "B" Well No. 2
Unit Letter J, 1980' FSL & 2310' FEL
Section 13, T-22-S, R-37-E
Blinebry Oil & Gas and South Brunson Drinkard-Abo
Drinkard Field
Lea County, New Mexico**

Dear Mr. Catanach:

Marathon Oil Company requests administrative approval for a change in the allocation percentages for the DHC-1047 in the above subject well from the Blinebry Oil & Gas and South Brunson Drinkard-Abo pools in Lea County, New Mexico.

The Edith Butler "B" Well No. 2 was drilled in 1975. After testing the Granite Wash, the Drinkard-Abo was completed. In the summer of 1976, the Blinebry was completed and the well was dual (Blinebry & Drinkard-Abo). The Blinebry and Drinkard-Abo were DHC (DHC-1047) in November 1994. In the summer of 1996, the Drinkard-Abo was shut-in below a CIBP and more pay was added to the Blinebry. The Blinebry was then stimulated with acid and a sand frac. Currently production is from the Blinebry Oil & Gas pool only.

Marathon plans to remove the CIBP and the two pools will again be downhole commingled. Rod pumping equipment will be utilized to keep the PBHP as low as possible, preventing crossflow. A sundry notice will be filed after a procedure has been written to remove the CIBP.

Enclosed is pertinent data supporting the change in allocation percentages for the DHC-1047. If additional information is necessary, please contact me at (505) 393-7106, ext 201.

Sincerely,

Thomas P. Kacir
Thomas P. Kacir
Production Engineer

REQUEST FOR EXCEPTION TO RULE 303-A

Edith Butler "B" Well No. 2

Drinkard Field

A: Operator

Marathon Oil Company
P.O. Box 2490
Hobbs, New Mexico 88241

B: Lease Name and Well Number

Edith Butler "B" Well No. 2
Unit Letter J, 1980' FSL & 2310' FEL
Section 13, T-22-S, R-37-E
Lea County, New Mexico
Drinkard: Blinebry Oil & Gas, South Brunson Drinkard-Abo Pools

C: C-116's - Attached

D: Production Decline Curves - Attached

E: Estimated Bottomhole Pressures

	Current
Blinebry Oil & Gas	400 psi
S. Brunson Drinkard-Abo	550 psi

F: Production Allocation

<u>POOL</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>Estimated Methods</u>
Blinebry Oil & Gas	9.3	93	4.4	Current Well Test
Drinkard-Abo	<u>1.2</u>	<u>50</u>	<u>1.1</u>	Pre-Workover Production
Total	10.5	143	5.5	

<u>Allocated Percentages</u>	<u>Oil %</u>	<u>Gas %</u>	<u>Water %</u>
Blinebry Oil & Gas	88.6	65.0	80.0
Drinkard-Abo	<u>11.4</u>	<u>35.0</u>	<u>20.0</u>
Total	100	100	100

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator		Pool		County		LEA								
Marathon Oil Company		Blinberry Oil & Gas / South Brunson Drinkard-Abo												
Address		TYPE OF TEST - (X)		Completion		Special								
P.O. Box 2490, Hobbs, NM 88241		Scheduled				X								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS-OIL RATIO CU.FT/BBL	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
EDITH BUTLER 'B'	2	J	13	22S	37E	12/04/99	P	TP-220 CP-32		24	4.4	9.3	93	10,000
Blinberry Oil & Gas						1/26/96		TP-100 CP-40		24	3.0	2.0	162	81,000
Total (DHC-1047)														
* Oil * Gas														
Blinberry														
Drinkard-Abo														
For Information Only														

Instructions:

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 Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60°F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Thomas P. Kacir
Signature

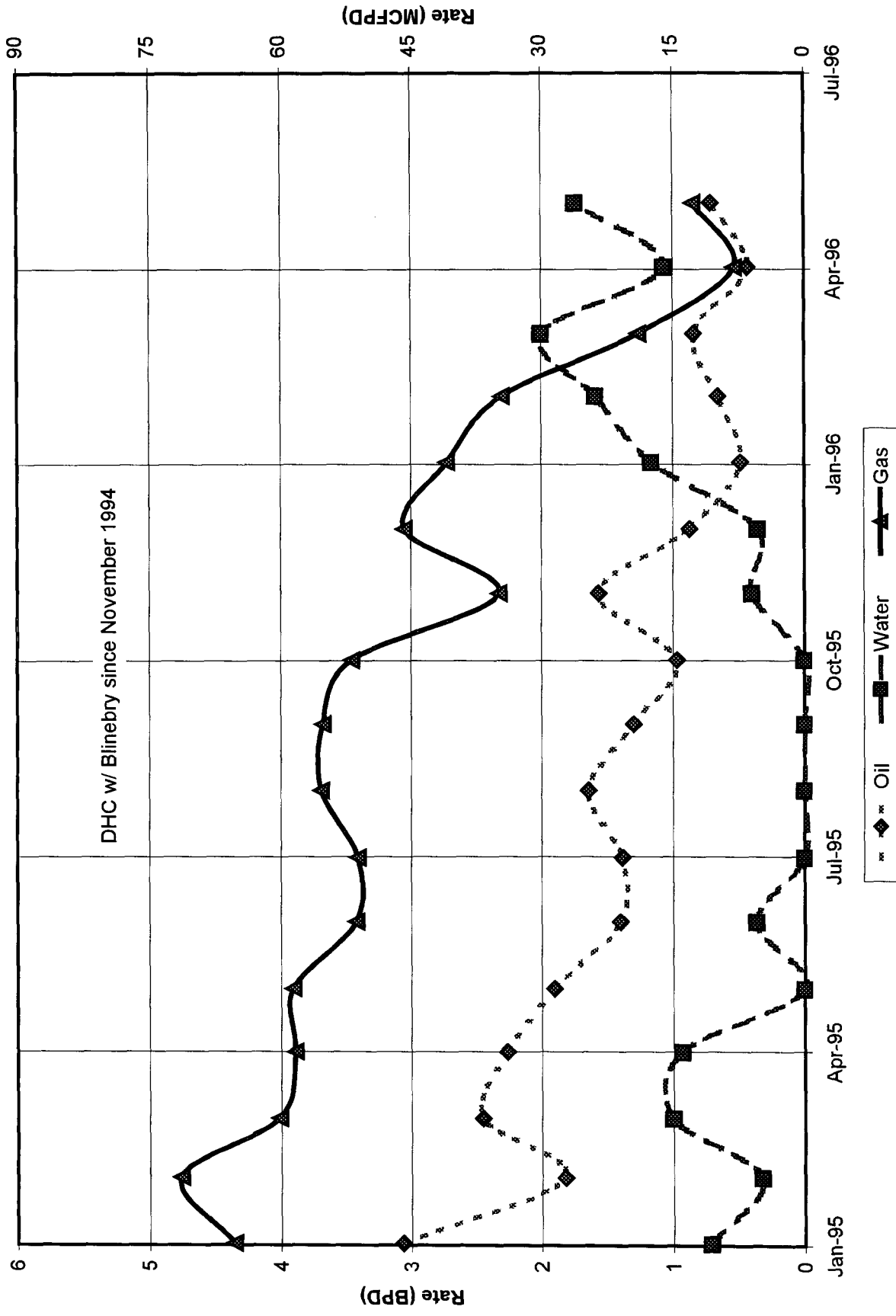
Thomas P. Kacir
Printed name and title

Production Engineer

December 7, 1999
Date

(505) 393-7106
Telephone No.

Edith Butler "B" Well No. 2 Drinkard-Abo Production



Edith Butler "B" Well No. 2 Drinkard-Abo Production

