

AMEND DHC 12/29/99

Houston Division
Production Operations, United States

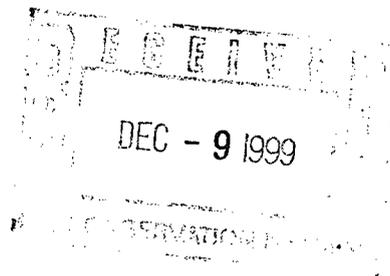


**Marathon
Oil Company**

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-1961
William Turner Well No. 4
Unit Letter J, 1980' FSL & 1980' FEL
Section 29, T-21-S, R-37-E
Blinebry Oil & Gas and Wantz 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-1961 in the above subject well from the Blinebry Oil & Gas and Wantz Abo pools in Lea County, New Mexico.

The William Turner Well No. 4 was drilled in 1981. After testing the Montoya and Fusselman, the Abo was completed in 1982. A workover in early 1998, isolated the Wantz Abo below a bridge plug. The Blinebry Oil & Gas pool was then completed. After producing the Blinebry for a month, a DHC permit (DHC-1961) was received. The Blinebry and Abo were DHC in June 1998. Several attempts to keep the well pumping were unsuccessful, due to influx of sand. The Abo was shut-in below a RBP in August 1998. Currently production is from the Blinebry Oil & Gas pool only.

Marathon plans to remove the RBP 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 RBP.

Enclosed is pertinent data supporting the change in allocation percentages for the DHC-1961. If additional information is necessary, please contact me at (505) 393-7106, ext 201.

Sincerely,

A handwritten signature in cursive script that reads 'Thomas P. Kacir'.

Thomas P. Kacir
Production Engineer

REQUEST FOR EXCEPTION TO RULE 303-A

**William Turner Well No. 4
Drinkard Field**

A: Operator

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

B: Lease Name and Well Number

William Turner Well No. 4
Unit Letter J, 1980' FSL & 1980' FEL
Section 29, T-21-S, R-37-E
Lea County, New Mexico
Drinkard: Blinebry Oil & Gas, Wantz Abo Pools

C: C-116's - Attached

D: Production Decline Curves - Attached

E: Estimated Bottomhole Pressures

	Current
Blinebry Oil & Gas	550 psi
Wantz Abo	500 psi

F: Production Allocation

<u>POOL</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>Estimated Methods</u>
Blinebry Oil & Gas	7	93	3	Current Well Test
Wantz Abo	<u>13</u>	<u>37</u>	<u>0</u>	Pre-Workover Production
Total	20	130	3	

Allocated Percentages Oil % Gas % Water %

Post-workover utilizing above production

Blinebry Oil & Gas	35.0	71.5	100.0
Wantz Abo	<u>65.0</u>	<u>28.5</u>	<u>0.0</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

Submit 2 copies to Appropriate District Office.
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240
 DISTRICT II
 811 S. 1st Street, Artesia, NM 88210-2834
 DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

GAS - OIL RATIO TEST

Operator		Pool		County										
Marathon Oil Company		Blaineby Oil & Gas, Wantz Abo		Lea										
Address		TYPE OF TEST - (X)		Completion										
P.O. Box 2490 Hobbs, NM 88241		S <input checked="" type="checkbox"/> M <input type="checkbox"/> A <input type="checkbox"/> S <input type="checkbox"/>		WATER BBLs. <input type="checkbox"/> OIL BBLs. <input type="checkbox"/> GRAV. OIL <input type="checkbox"/> PROD. DURING TEST										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKESIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS-OIL RATIO CU.FT/BBL	
		U	S	T						R	WATER BBLs.	OIL BBLs.		GRAV. OIL
William Turner - Abo Abo is currently SI below RBP	4	J	29	21S	37E	3/04/98	TP-150 CP-45		24	0		13	37	2846
William Turner - Blaineby	4	J	29	21S	37E	12/05/99	TP-120 CP-30		24	3		7	93	13286

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.

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

Thomas P. Kacir
 Signature

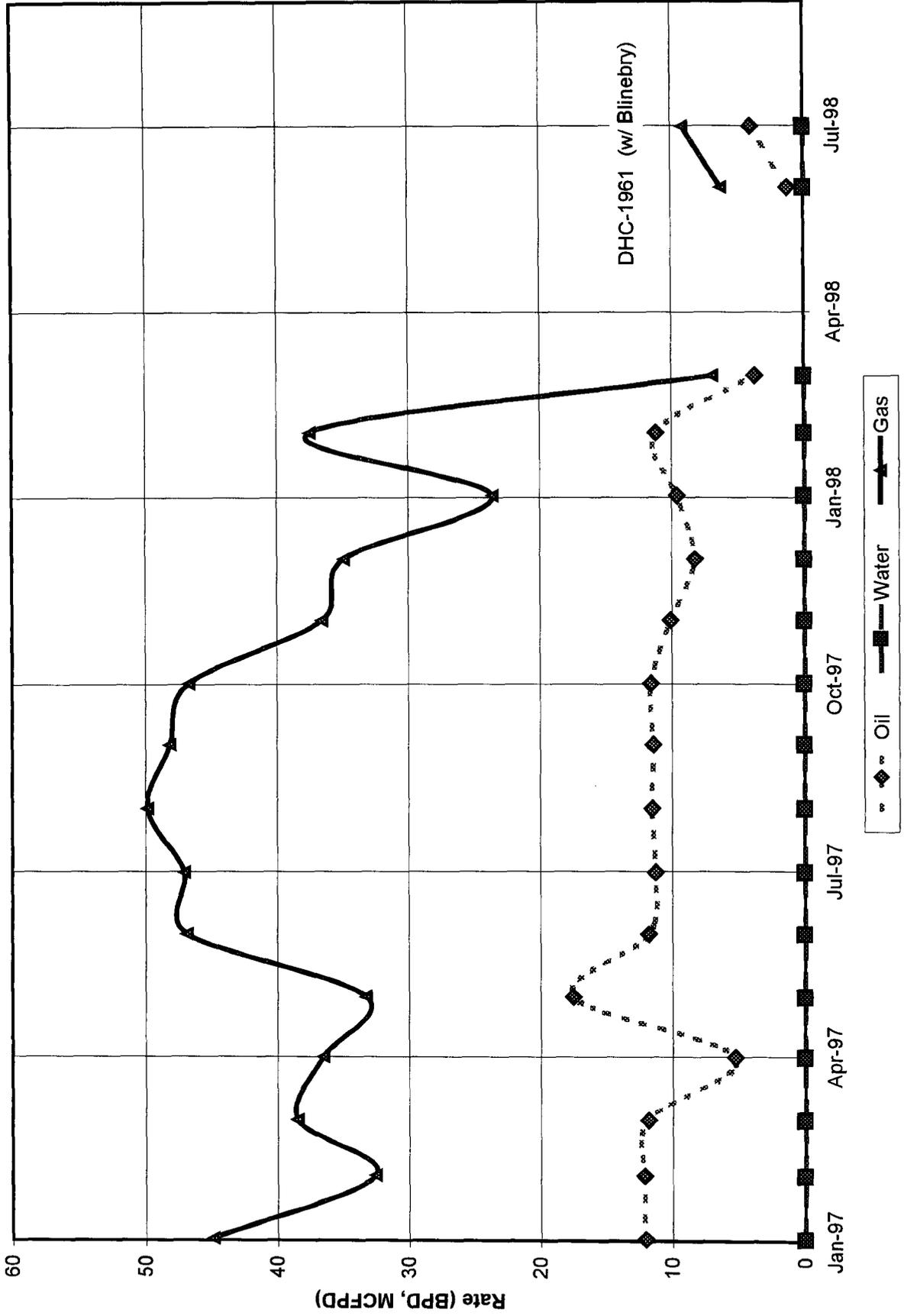
Thomas P. Kacir
 Printed name and title

12-07-99
 Date

505-393-7106
 Telephone No.

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

William Turner Well No. 4
Abo Production



**William Turner Well No. 4
Blinebry Production**

