

AMEND PC N/R

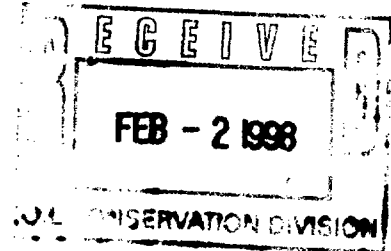
Mid-Continent Region
Production United States



P.O. Box 2409
Hobbs, NM 88241-2409
Telephone 505/393-7106

January 29, 1998

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



RE: **Request for Exception to Rule 303-A**
Application for Surface Commingling

Bertha Barber Lease
Production Facility
Section 5, T-20-S, R-37-E
Monument Blinebry & Abo
Lea County, New Mexico

Bertha Barber Well No. 4
Unit Letter K, 1980' FSL & 1980' FWL
Section 5, T-20-S, R-37-E
Eumont (Yates 7 Rivers)
Lea County, New Mexico

76480 PRO 405

ADD GAS FROM
THIS POOL -
(24)

Dear Mr. Catanach:

Marathon Oil Company respectfully requests administrative approval to permit the surface commingling of production in the above mentioned pools.

Marathon Oil Company has a 100% Working Interest in the above mentioned lease. Marathon Oil Company proposes to utilize the Bertha Barber storage and sales facility currently utilized for the Blinebry & Abo production. Production from the Bertha Barber Well No. 4 will be separated and metered prior to commingling at the production facility. The proposed production operation is in accordance with the applicable provisions.

Please find attached a lease plat and a production facility schematics. Currently, the Blinebry and Abo oil production are commingled at the battery under Commingling Order PC-957. The Bertha Barber Well No. 4 (Eumont) currently does not produce any oil, but a separator is used to ensure that no liquids will go down the gas sales line. This separator will discharge to the Bertha Barber production facility, currently used by the Blinebry & Abo wells. The Blinebry & Abo wells are producing all the oil and are currently producing 129 BOPD. Therefore, there will not be any loss in value of the commingled production.

If additional information is necessary, please contact me at (505) 393-7106, ext 201.

Sincerely,

Thomas P. Kacir

Thomas P. Kacir
Production Engineer

TPK/dbc
Enclosure

REQUEST FOR EXCEPTION TO RULE 303-A

**Bertha Barber Well No. 4
Monument Field**

A: Operator

Marathon Oil Company
P.O. Box 2409
Hobbs, New Mexico 88240-2409

B: Lease Name and Well Number

Bertha Barber Well No. 4
Unit Letter K, 1980' FSL & 1980' FWL
Section 5, T-20-S, R-37-E
Lea County, New Mexico
Monument: Eumont Pool

C: Plats

Attached

D: C-116's

Attached

E: Product Characteristics

Well No. 4, currently makes no liquid hydrocarbons. A separator is set on location to keep liquids from going down the gas sales line.

F: Value

Marathon receives the same price for product from these zones and value will not be adversely affected.

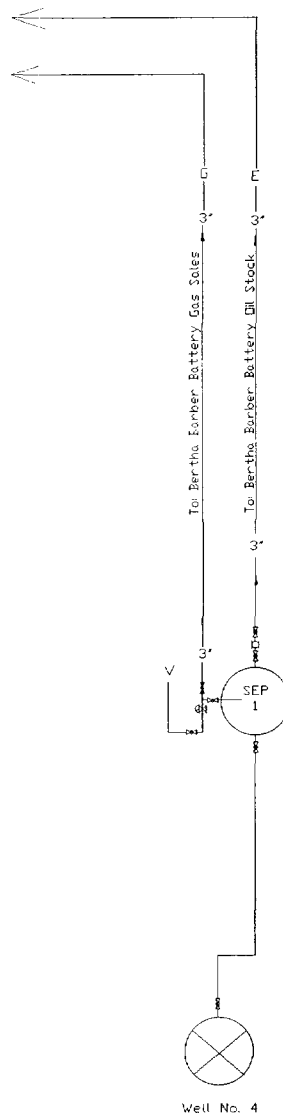
G: Ownership

Ownership of all zones is common and correlative rights will not be compromised.

1
N



Production Facility (Well) Drawing
 Bertha Barber Well No. 4
 Monument Field, NM
 January 23, 1998



—	GAS
—	WATER
—	OIL
—	EMULSION
+	PLUG VALVE
+	CONTROL VALVE
+	BUMP VALVE
+	CHECK VALVE
•	SEALED
•	LOCKED
+	HATCH

Marathon Oil Company

Bertha Barber Lease
Monument Abo
Section 5, T-20-S, R-37-E
Lea County, New Mexico

Well No. 17 - Currently Completing
Well No. 18 - Currently Drilling
Well No. 19 - Not Drilled
Well No. 20 - Not Drilled
Well No. 21 - Not Drilled

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-116
Revised 1/1/89

OIL CONSERVATION DIVISION 2040 Pacheco St. Santa Fe, NM 87505

GAS - OIL RATIO TEST

Operator		Pool		County											
Marathon Oil Company		Monument: Blinbry & Abo and Eumont: Gas Pool		Lea											
Address		TYPE OF TEST - (X)		Completion											
P.O. Box 2409 Hobbs, NM 88240		Scheduled <input type="checkbox"/>		Special <input checked="" type="checkbox"/>											
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 CUFT/BBL	
		U	S	T	R						WATER BBL.S.	GRAV. OIL	OIL BBL.S.		GAS M.C.F.
Bertha Barber Eumont: Gas Pool	4	K	5	20	37	12/14/97	35/64	115		24	0		0	757	N/A
Bertha Barber Monument: Blinbry	10	L	5	20	37	1/23/98	35/64	88		24	1		0	632	N/A
Bertha Barber Monument: Abo	16	K	5	20	37	1/21/98	P	TP 120 CP 45		24	80		8	8	1000
Bertha Barber Monument: Abo	16	K	5	20	37	1/22/98	P	TP 340 CP 70		24	0		121	233	1926
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

January 30, 1998
Date

393-7106

Telephone No.

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