

AMEND P L N/R

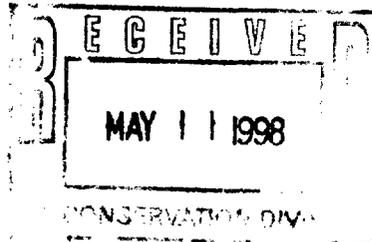
Mid-Continent Region
Production United States



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

April 23, 1998

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



RE: **Application to Amend
Surface Commingling Permit No. 957**

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

**Bertha Barber Well No. 18Y
Unit Letter L, 1766' FSL & 663' FWL
Section 5, T-20-S, R-37-E
Monument Tubb
Lea County, New Mexico**

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 & Eumont production. Production from the Bertha Barber Well No. 18Y will be sent to the facility to 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 well plat and a production facility schematics. Currently, the Blinebry and Abo produce all the oil at the battery. The Bertha Barber Well No. 4 (Eumont) currently does not produce any oil. Production to the Bertha Barber facility is:

| Well No. | Pool | BOPD | API | Sulfur | Price Base |
|----------------|----------|------|------|--------|------------|
| Barber 10 | Blinebry | 8 | 39.4 | 0.9% | WTS |
| Barber 16 & 17 | Abo | 99 | 41.0 | 0.42% | WTI |
| Barber 18Y | Abo | 10 | 41.0 | 0.42% | WTI |
| Barber 18Y | Tubb | 64 | 36.4 | 0.47% | WTI |

The commingled estimated oil production of 181 BOPD @ 39.3 API and 0.46% sulfur, is anticipated to be valued at WTI crude price. 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
Production Engineer
Enclosure

REQUEST FOR AMEND SURFACE COMMINGLING PERMIT NO. 957

**Bertha Barber Well No. 18Y
Monument Field**

A: Operator

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

B: Lease Name, Well Number and Pool to be Added

Bertha Barber Well No. 18Y
Unit Letter L, 1766' FSL & 663' FWL
Section 5, T-20-S, R-37-E
Lea County, New Mexico
Monument: Tubb & Abo Pool

C: Plats

Attached

D: Product Characteristics

Previous commingling of these zones by Marathon and other operators have shown that the produced fluids are compatible.

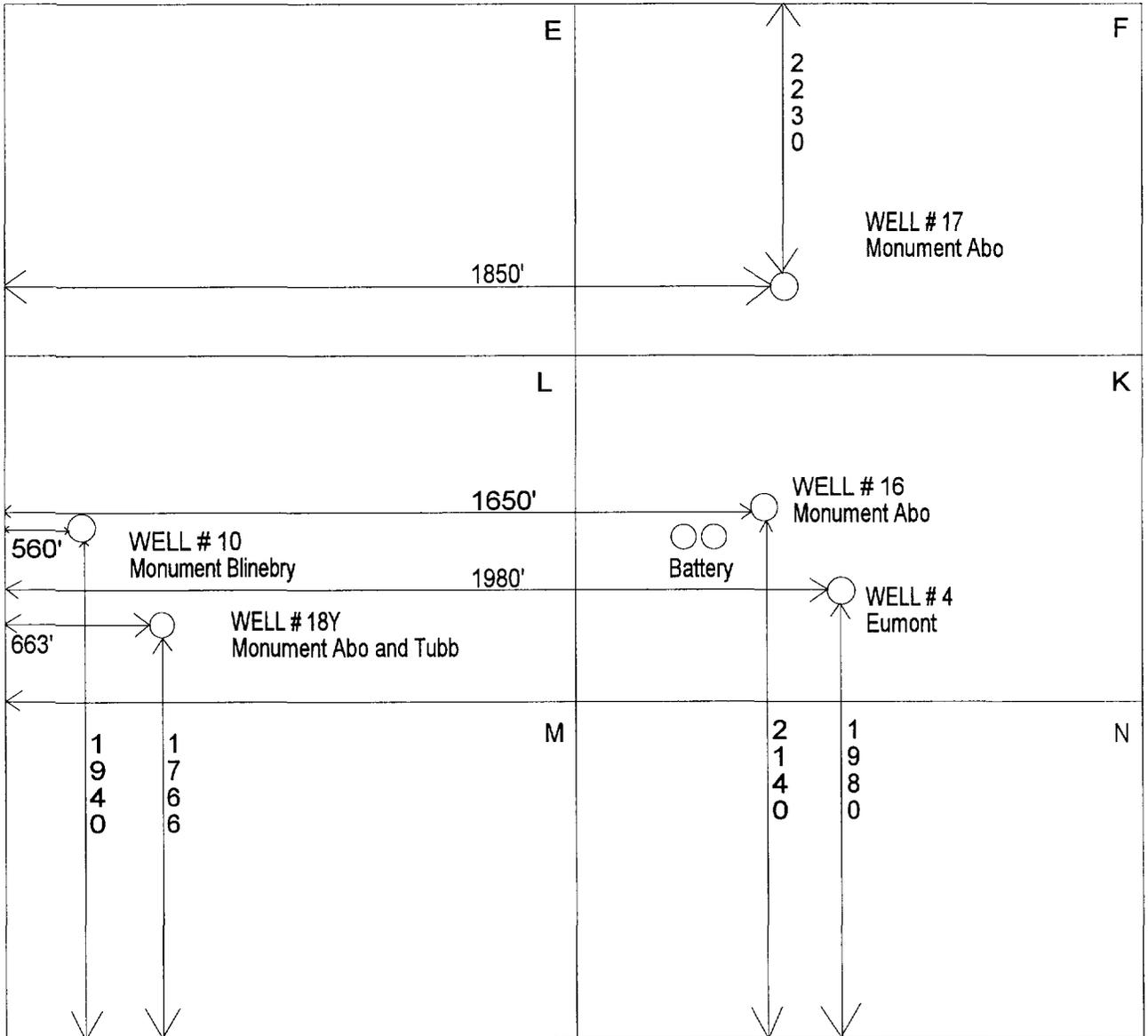
E: Value

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

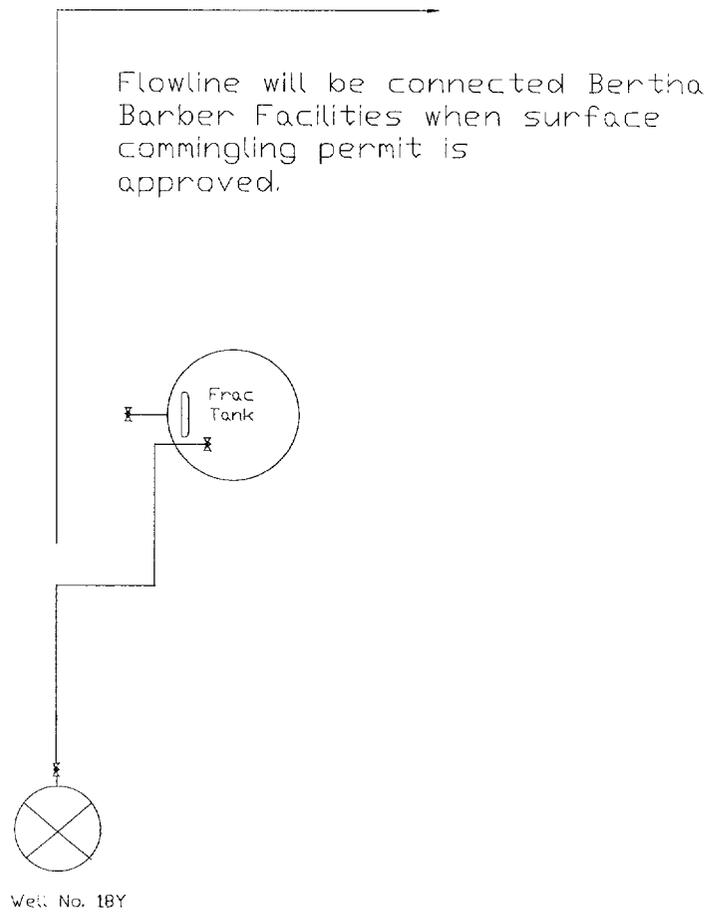
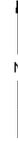
F: Ownership

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

BERTHA BARBER LEASE SEC. 5, T-20-S, R-37-E MONUMENT FIELD LEA COUNTY, NM

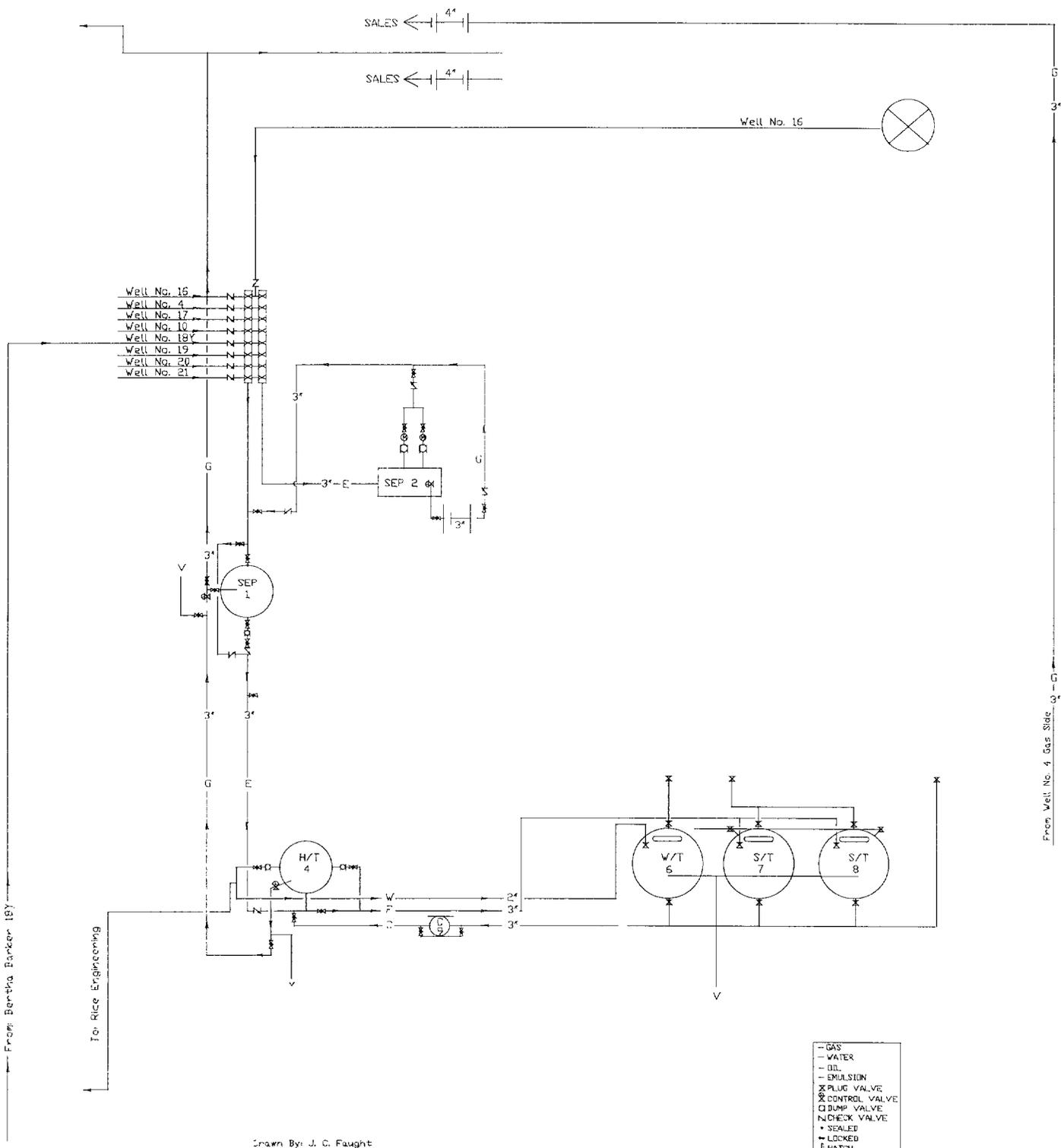


Production Facility (Well) Drawing
 Bertha Barber Well No. 18Y
 Monument Field, NM
 April 23, 1998



| | |
|---|---------------|
| — | GAS |
| — | WATER |
| — | OIL |
| — | EMULSION |
| X | PLUG VALVE |
| X | CONTROL VALVE |
| □ | DUMP VALVE |
| N | CHECK VALVE |
| * | SEALED |
| • | LOCKED |
| ▭ | HATCH |

Production Facility Drawing
 Bertha Barber Battery
 Monument Field, NM
 April 21, 1998



From Bertha Barber 187

To Rice Engineering

From Well No. 4 Gas Side 3-G

Drawn By: J. C. Faught

- GAS
- WATER
- DR.
- EMULSION
- ⊗ PLUG VALVE
- ⊗ CONTROL VALVE
- ⊗ DUMP VALVE
- ⊗ CHECK VALVE
- SEALED
- ⊔ LOCKED
- [HATCH

Marathon Oil Company

Bertha Barber Lease

Monument

Section 5, T-20-S, R-37-E

Lea County, New Mexico

Well No. 18Y - Completed

Well No. 19 - Not Drilled

Well No. 20 - Not Drilled

Well No. 21 - Not Drilled