

OIL LAND COMMISSION
DRAWER 10
ARTESIA, NM 88211

Mid-Cont. Region
Production United States **RECEIVED**

SEP 21 1992



**Marathon
Oil Company**

P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

**O. C. D.
ARTESIA OFFICE**

September 4, 1992

711-62195



U. S. Department of the Interior
Bureau of Land Management
Roswell Resource Area
P. O. Drawer 1857
Roswell, New Mexico 88202-1857

Attention: Pete Chester

Re: Marathon Federal No. 2
1650' FNL and 1980' FWL
Section 19, T-13-S, R-29-E
Chaves County, New Mexico

Dear Mr. Chester:

Marathon Oil Company recently drilled and completed the Marathon Federal Well No. 2. Please review the necessary data required for the water disposal method from the lease. All information meets the necessary BLM NTL-2B requirements. If you should need more information or have any questions, please call (915) 682-1626.

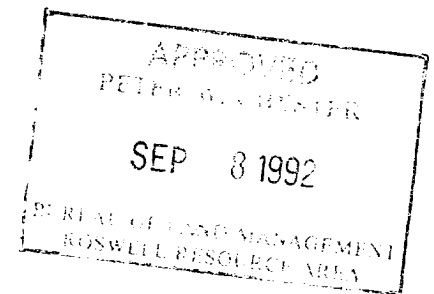
1. The water producing formation is the Devonian.
2. The Devonian formation yields an average of 65 BWPD.
3. Water is stored on-lease using one 500 bbl fiberglass tank.
4. Water is trucked off-lease for disposal by I&W Trucking to the Walter Solt State No. 1 SWD located in Section 5, T-18-S, R-38-E.

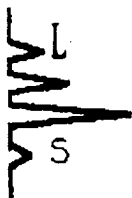
Attached is a water analysis for your review.

Sincerely,

R. A. Biernbaum
Operations Superintendent

RJP/92081/lr
Attachment





Laboratory Services
1331 Tasker Drive
Hobbs, New Mexico 88240
(505) 397-3713



WATER ANALYSIS

COMPANY Marathon Oil Company
Attention: Mr. Ralph Skinner

SAMPLE Marathon Fed. #2

SAMPLED BY _____

DATE TAKEN 8-3-92

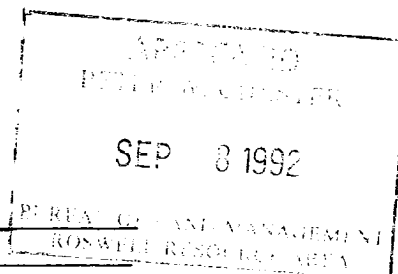
REMARKS _____

SPECIFIC GRAVITY @ 60 F	1.03
Ph TAKEN AT LAB	6.99
Barium as Ba	10
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	172
Calcium as CA	844
Magnesium as Mg	1.156
Total Hardness as CaCO3	2.000
Chlorides as CL	21.533
Sulfate as SO4	0
Iron as Fe	0.25
Potassium	46.875
Resistance Mmhoes	.013559 Kohms
Total Dissolved Solids	36.750
Carbonate as CO3 G/L	4.002

Results reported as Parts Per Million Unless Stated.

Langeller Saturation Index +0.20

Analysis By: Vickie Walker
Date: 8-17-92



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AUG 24 1992

NORTHWEST OPERATIONS