

Mr. David Catanach
November 9, 1994
Page 2

The Staplin State A/C 1 No. 6 well will be surface commingled at the Warn State A/C 1 battery after the oil, gas and water are separately metered on the well location if this amendment is approved. The water will be sent directly to a Rice Engineering disposal line. Only the oil and gas will be sent to the Warn State A/C 1 battery. Allocation will be based on well tests and meter readings from the Staplin State. It is anticipated that the Staplin State A/C 1 No. 6 may eventually be recompleted and downhole commingled in the Upper Penn, Wolfcamp and Abo.

Marathon is the 100% working interest owner in these wells.

A tank battery diagram of the Warn State A/C 1 battery, separator diagram showing relative well, battery and pipeline locations are attached. Should you need any further information concerning this application, please call me at (915) 687-8324.

Sincerely,

A handwritten signature in black ink that reads "Thomas M. Price". The signature is written in a cursive, slightly slanted style.

Thomas M. Price
Advanced Engineering Technician

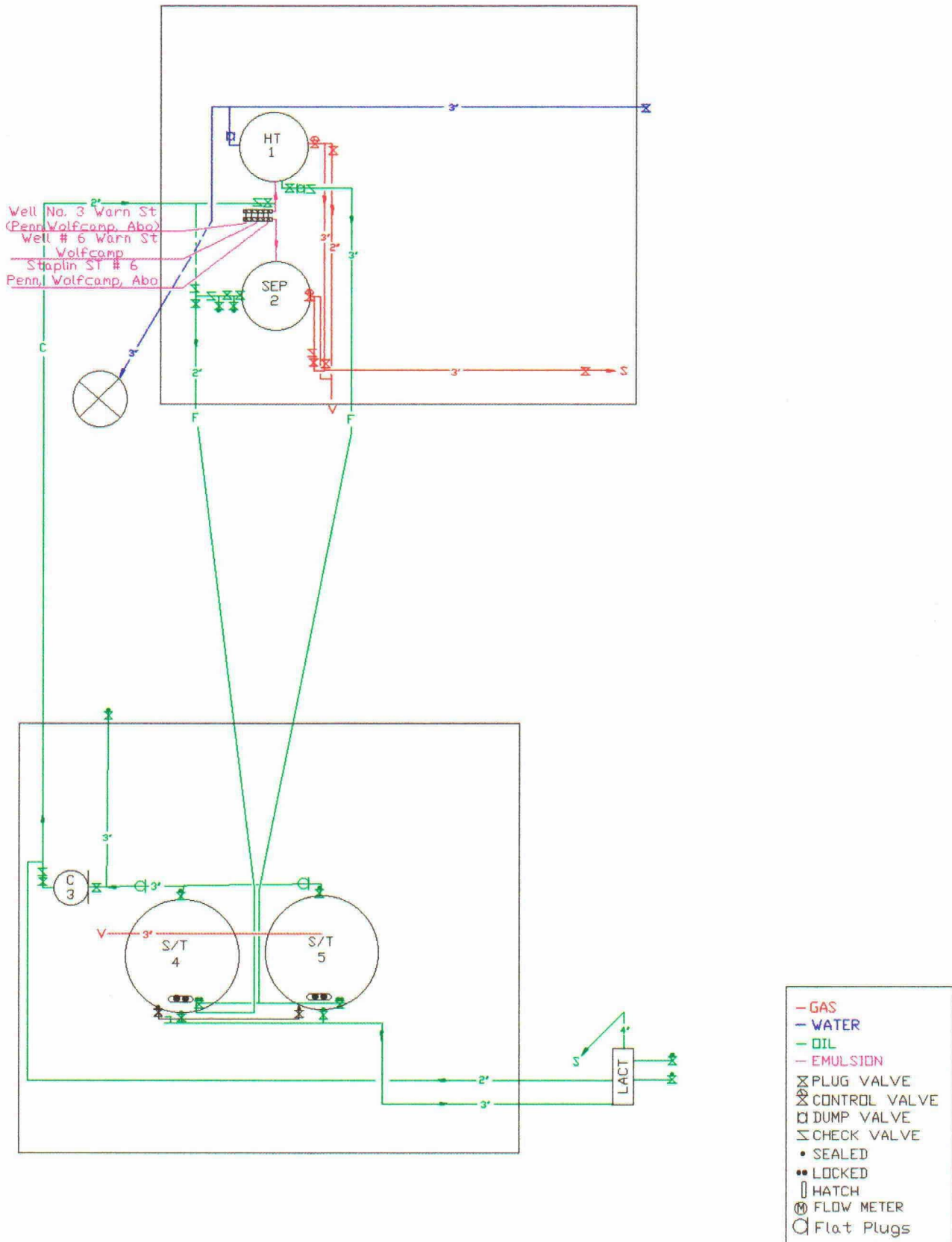
TMP/9412/lr

Attachments

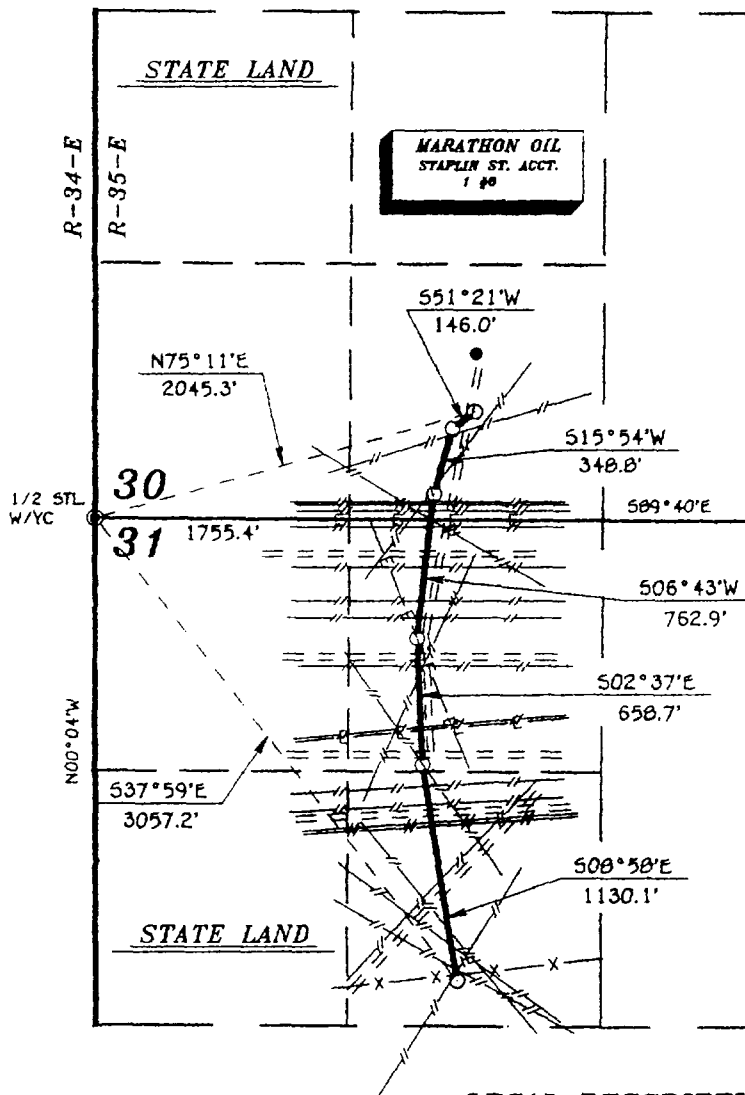
xc: NMOCD - Hobbs

Production Facility Drawing
Warn State A/C 1 Battery
Vacuum Field, NM
Anticipated

— N —



SECTION 30 & 31, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



0+00 BEGIN SURVEY @ STAPLIN ST.
ACCOUNT 1 #6
PI 35°27' LT.
1+76 BPL (NNG)
2+00 TIE 8' LT TO ROAD
4+36 2" STL F/L
4+94.8 PI 09°11' LT & TIE 14' LT. TO RD.
5+34.5 BPL (PHILLIPS)
5+49 BPL (GPM)
5+84 BPL
6+01.6 SECTION LINE
6+28 3" POLY FLOWLINE
6+30 4W PWR LINE
6+71 BPL (ENRON)
8+12 C CALICHE LEASE ROAD
8+84 BPL (TEX-N.M.)
10+60 BPL (BIG THREE)
11+47 BPL (RICE ENG.)
12+57.7 PI 09°19' LT. & TIE 17' LT. TO RD.
12+63 3W POWER LINE
12+83 TIE 3' LT. TO POWER LINE
13+58 C LEASE ROAD
14+06 2" POLY FLOWLINE
14+65 BPL
17+22 BPL
17+36.5 4W POWER LINE
18+00 TIE 16' LT. TO ROAD
18+67 C CALICHE LEASE ROAD
18+92 BPL (4" POLY)
19+16.4 PI 06°21' LT.
20+27 BPL
21+25 BPL
21+71 C LEASE ROAD
22+23 BPL
22+38 3" POLY FLOWLINE
25+20 BPL (GPM)
25+82 C CALICHE LEASE RD.
27+85 BPL (MOBIL)
28+65 BPL (MOBIL)
29+92 3-3" STL F/L & 1-2" STL FLOWLINE
30+13 MARATHON WARM ST. ACCT. #1 BATT FC 35T BW
30+46.5 END SURVEY & C HEATER TREATER

LEGAL DESCRIPTION

A STRIP OF LAND 33.0 FEET WIDE BEING 16.5 FEET RIGHT AND 16.5 FEET LEFT, CROSSING THE STATE OF NEW MEXICO LAND LOCATED IN SECTION 30 & 31, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT WHICH LIES N.75°11'E., 2045.3 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 30; THENCE S.51°21'W., 146.0 FEET; THENCE S.15°54'W., 348.8 FEET; THENCE S.06°43'W., 762.9 FEET; THENCE S.02°37'E., 658.7 FEET; THENCE S.08°58'E., 1130.1 FEET TO THE END OF THIS SURVEY WHICH LIES S.37°59'E., 3057.2 FEET FROM THE NORTHWEST CORNER OF SAID SECTION 31. SAID STRIP OF LAND BEING 3046.5 FEET OR 184.64 RODS IN LENGTH AND CONTAINS 2.31 ACRES MORE OR LESS.

SECTION 30 - SE/4 NW/4 - 36.46 RODS - 0.46 ACRES
SECTION 31 - NE/4 NW/4 - 80.34 RODS - 1.00 ACRES
SE/4 NW/4 - 67.84 RODS - 0.85 ACRES

I HEREBY CERTIFY THAT THIS PLATING PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS PRESCRIBED BY NEW MEXICO STATUTES.

3239

JOHN W. WEST, No. 676
TEXAS P.L.S. No. 1138
RONALD J. EIDSON, N.M. L.S. No. 3239
TEXAS P.L.S. No. 1883

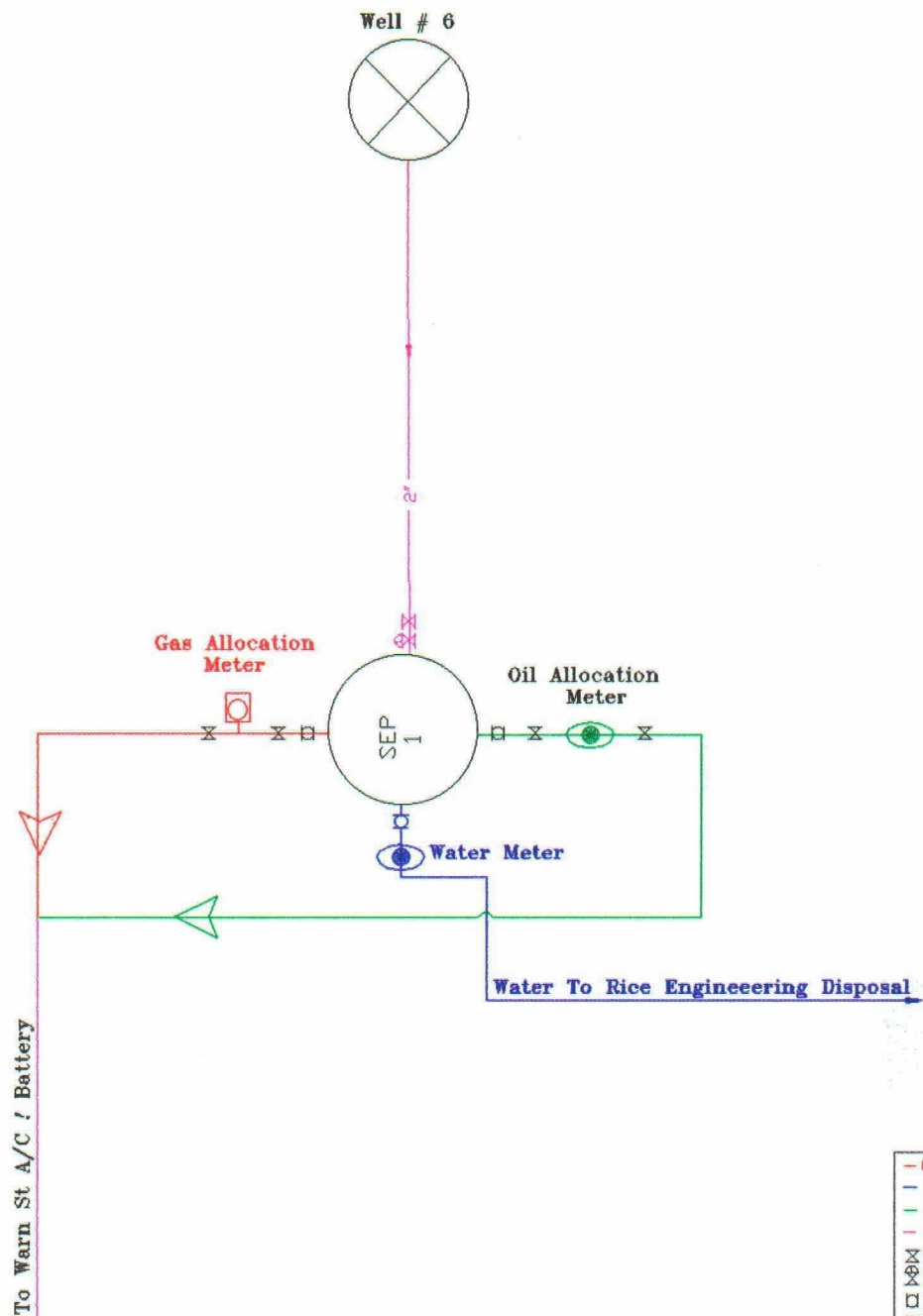
JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

MARATHON OIL COMPANY

A PIPELINE CROSSING STATE LAND LOCATED IN SECTION 30 & 31, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 9-13-94	Sheet 1 of 1 Sheets
W.O. Number: 94-11-1595	Drawn By: SAW
Date: 9-16-94	DISK: SAW #28
MAR1595	Scale: 1"=1000'

Production Seperator Drawing Staplin St. A/C 1 # 6



- GAS
- WATER
- OIL
- EMULSION
⊗ PLUG VALVE
⊗ CONTROL VALVE
□ DUMP VALVE
≡ CHECK VALVE
• SEALED
•• LOCKED
⏏ HATCH
⊗ FLOW METER



State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148
SANTA FE, NEW MEXICO 87504 1148

(505) 827-5760
FAX (505) 827-5766

November 17, 1994

Marathon Oil Company
P. O. Box 552
Midland, Texas 79702-0552

Attn: Mr. Thomas M. Price

Re: Surface Commingling Application
Amendment of Administrative Order PC-226
Warn State A/C 1 No. 3
Warn State A/C 1 No. 6
Staplin State A/C 1 No. 6
Vacuum Field, Lea County, New Mexico

Dear Mr. Price:

This office is in receipt of your application requesting our approval to surface commingling the Vacuum Clarietta, N. Vacuum Abo, Vacuum Wolfcamp, and Vacuum Upper Pennsylvanian pools on the Warn State A/C 1 Lease (B-1793) located in the NE/4SW/4 and SE/4NW/4 of Section 31-17S-35E, Vacuum Field, Lea County, New Mexico.

It is our understanding that the Warn State A/C 1 Well Nos. 3-F, 6-K (B-1713-1) and Staplin State A/C 1 No. 6 (B 1404 4) production will be surface commingled at the Warn State A/C 1 battery after the oil, gas and water are separately metered on the well location. The allocation will be based on well tests and meter readings from the Staplin State.

Since it appears that there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request for surface commingling the above-mentioned wells is hereby approved. Any deviation from the substance of your request will be sufficient grounds for rescinding our approval. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Since the proposed gas line will be crossing more than one state lease, it appears that a right-of-way may be needed from this office. Please contact Debbie Padilla of our Right-of-Way section at (505) 827-5729 for further details.

Your filing fee in the amount of \$30.00 Dollars has been received.

RECEIVED

NOV 21 1994


MIDLAND OPERATIONS

Marathon Oil Company
November 17, 1994
Page 2

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
RP/FOP/pm
cc: Reader File

Mid-Continent Region
Production United States



**Marathon
Oil Company**

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

November 11, 1994

Mr. Pete Martinez
State Land Office
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Re: Amendment Administrative Order PG-226

Dear Mr. Martinez:

Marathon Oil Company is respectfully requesting an amendment to the referenced Administrative Order. A copy of the order is attached.

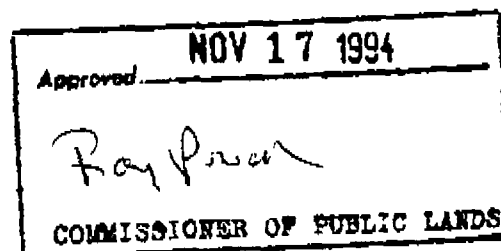
The order as it is now amended permits the commingling of Vacuum-Glorietta, N. Vacuum-Abo, Vacuum-Wolfcamp, and Vacuum Upper Pennsylvanian pools on the Wam State A/C 1 Lease, comprising the NE/4 SW/4 and SE/4 NW/4 of Section 31, T-17-S, R-35-E, Vacuum Field, Lea County, New Mexico.

This battery presently has only two wells producing into it. They are listed below:

Wam State A/C 1 No. 3
UL "F" 2080' FNL & 1908' FWL
Sec. 31, T-17-S, R-35-E
The Wolfcamp, Upper Penn and Abo are downhole commingled in this well as per DHC# 260.

Wam State A/C 1 No. 6
UL "K" 2030' FWL & 1980' FSL
Sec. 31, T-17-S, R-35-E
This well is a Wolfcamp completion only.

Anticipated
Staplin State A/C 1 No. 6
UL "N", 525' FSL & 1980' FWL
Sec. 30, T-17-S, R-35-E
Presently Wolfcamp only.



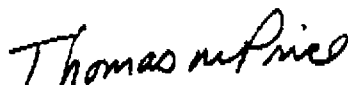
Mr. Pete Martinez
November 9, 1994
Page 2

The Staplin State A/C 1 No. 6 well will be surface commingled at the Warn State A/C 1 battery after the oil, gas and water are separately metered on the well location if this arrangement is approved. The water will be sent directly to a Rinn Engineering disposal line. Only the oil and gas will be sent to the Warn State A/C 1 battery. Allocation will be based on well tests and meter readings from the Staplin State. It is anticipated that the Staplin State A/C 1 No. 6 may eventually be recompleted and downhole commingled in the Upper Penn, Wolfcamp and Abo.

Marathon is the 100% working interest owner in these wells.

A tank battery diagram of the Warn State A/C 1 battery, separator diagram showing relative well, battery and pipeline locations are attached. Should you need any further information concerning this application, please call me at (915) 687-8324.

Sincerely,



Thomas M. Price
Advanced Engineering Technician

TMP/9411/r

Attachments

cc: NMOCD - Hobbs