



PETROLEUM PRODUCTS

December 12, 1974

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Expansion of Commingle Permit
Commission Order R-1598
V. M. Henderson Lease
Lea County, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

In accordance with New Mexico Oil Conservation Commission Rule 303-B, TEXACO Inc. respectfully requests permission to commingle the liquid hydrocarbon production from the Paddock and Mumont Yates Seven Rivers Queen Pools with the presently commingled Drinkard, Blinebry (Gas), and Tubb Pools production on the basis of periodic well testing.

TEXACO Inc. desires to commingle the new pools into the presently commingled battery in order to reduce operating expenses and increase economically recoverable reserves. The Mumont Yates Seven Rivers Queen production from the V. M. Henderson Well No. 4 will be commingled with the presently commingled battery, thereby eliminating a one-well tank battery. It is also desirous to commingle the Paddock production from the V. M. Henderson Well Nos. 5, 6, 7, 8, 9, and 10 into the presently commingled battery in order to eliminate the Paddock tank battery.

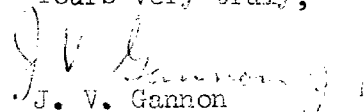
The gravity of the Paddock crude is 36.5° API with a value of \$6.03 per barrel. The gravity of the Mumont Yates Seven Rivers Queen crude is 32.6° API with a value of \$6.03 per barrel. The gravity of the commingled Drinkard, Blinebry (Gas), and Tubb crude is 36.2° API and has a value of \$6.03. The expected gravity of the commingled liquid hydrocarbon production is 36.3° API with a value of \$6.03 per barrel and no change in the actual commercial value of such commingled production. The crude production is classified as sour.

A schematic diagram of the proposed commingling installation and plat of the subject lease are attached.

Shell Pipeline Company as purchaser of crude production is being furnished a copy of this application.

Your cooperation in this matter will be appreciated.

Yours very truly,


J. V. Gannon
District Superintendent

DGC/kw
NMCCC, Hobbs - USGS, Hobbs - Shell Pipeline
Attachments

TEXACO Inc.

V. M. Henderson Lease
 Drinkard, Blinebry (Gas) Tubb, Paddock, & Eumont Yates Seven Rivers Queen
Production Tabulation

Date 1974 Nov.	Production Bbls/Day Drinkard, Blinebry (Gas) & Tubb	Production Bbls/Day Paddock	Production Bbls/Day Eumont Yates 7 R Q
1	14	91	9
2	25	107	9
3	11	55	9
4	8	102	8
5	6	100	2
6	5	58	8
7	17	85	9
8	16	101	8
9	8	94	9
10	11	74	10
11	3	99	8
12	11	80	11
13	11	107	--
14	16	94	4
15	14	3	7
16	14	99	8
17	14	99	8
18	6	83	9
19	8	96	9
20	11	88	10
21	14	88	8
22	6	74	8
23	5	88	9
24	6	91	9
25	5	61	7
26	3	107	9
27	6	99	10
28	3	80	9
29	6	99	10
30	2	80	10

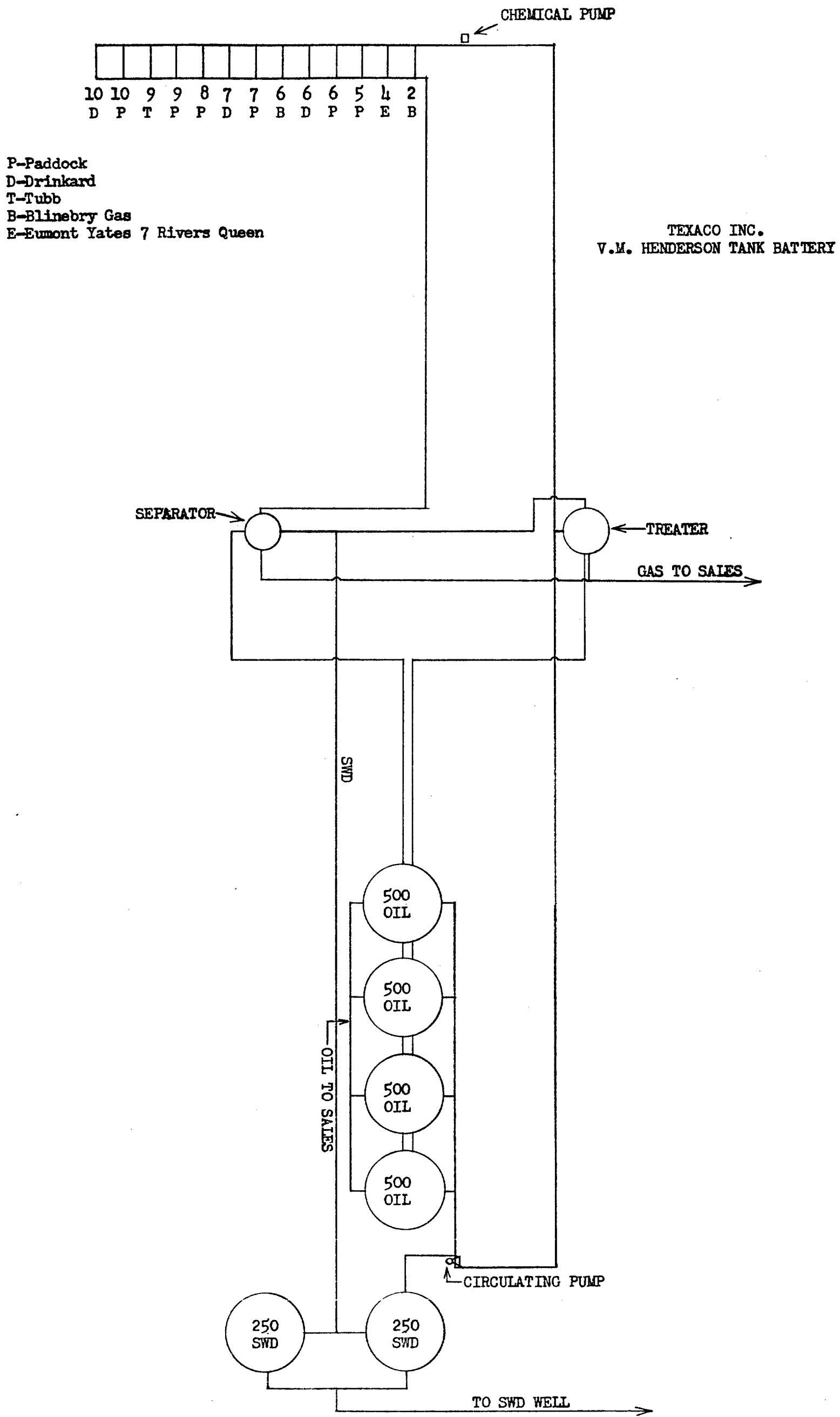
Note: Drinkard Wells 6,7,10
 Blinebry Gas Wells No. 2,6
 Tubb Well No. 9
 Paddock Wells No. 5,6,7,8,9,10
 Eumont Yates 7 River Well No. 4

TEXACO Inc.

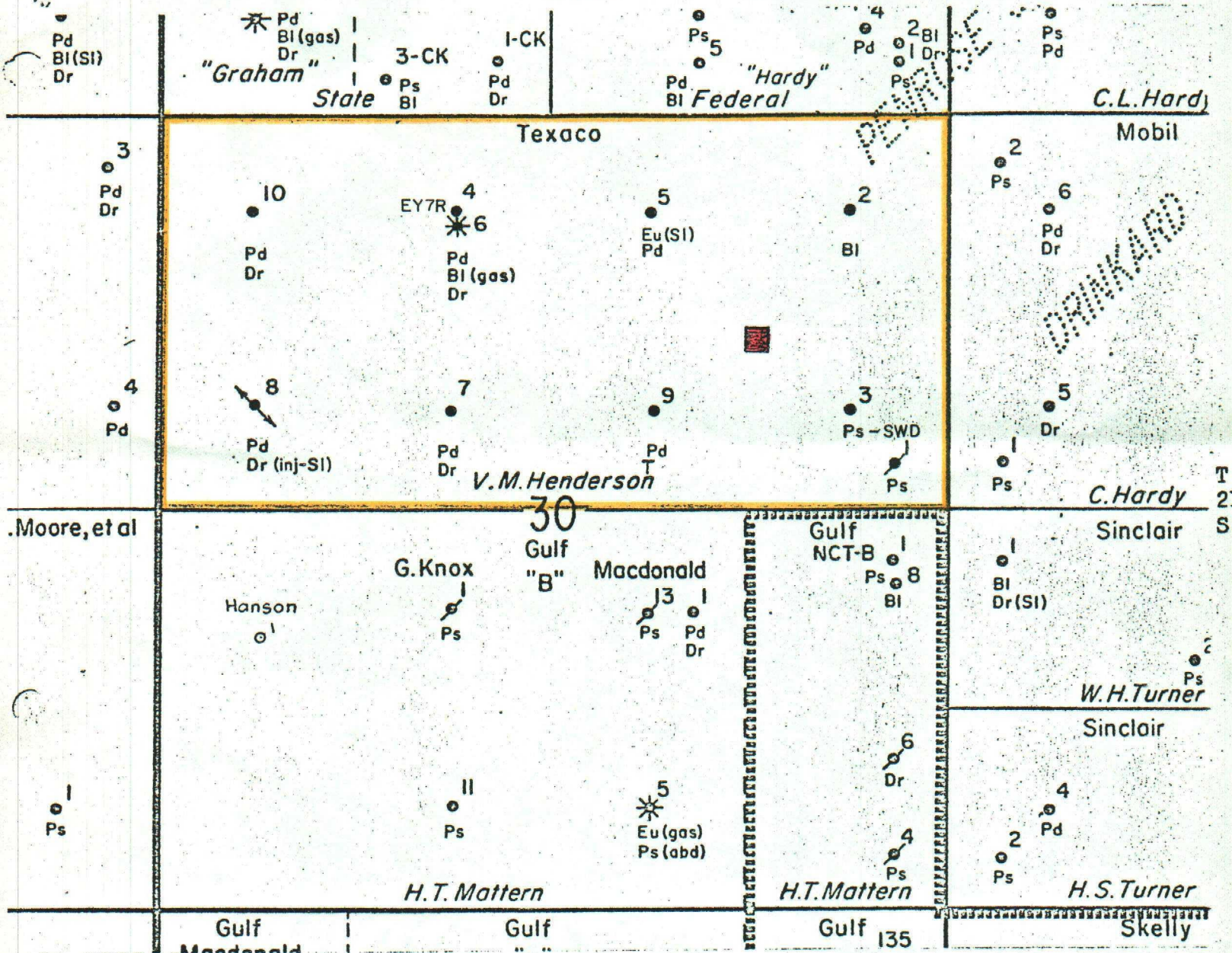
Drinkard, Blinebry (Gas), Tubb, Paddock, & Eumont Yates Seven Rivers Queen
Production Tabulation

Date	Production Bbls/Day
1974	Drinkard, Blinebry
Nov.	(Gas) & Tubb
1	14
2	25
3	11
4	8
5	6
6	5
7	17
8	16
9	8
10	11
11	3
12	11
13	11
14	16
15	14
16	14
17	14
18	6
19	8
20	11
21	14
22	6
23	5
24	6
25	5
26	3
27	6
28	3
29	6
30	2

Note: Drinkard Wells No. 6,7,10
Blinebry Gas Wells No. 2,6
Tubb Well No. 9



R 37 E



ABBREVIATIONS:

Eu - EUMONT QUEEN GAS
 EY7R - EUMONT YATES 7 RIVERS QUEEN
 Ps - PENROSE SKELLY
 AGr - ARROWHEAD GRAYBURG
 ADr - ARROWHEAD DRINKARD
 Egso - EUNICE GRAYBURG SAN ANDRES

Pd - PADDOCK
 BI - BLINEBRY
 T - TUBB
 Dr - DRINKARD
 Abo - WANTZ ABO
 Mc - McCORMACK SILURIAN

TEXACO Inc.

TEXACO'S V.M. HENDERSON LEASE

LEA COUNTY, NEW MEXICO

