



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

November 8, 1967

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

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

Gentlemen:

Administrative approval is requested to commingle production from the Tubb and Drinkard pools on the Brunson "B" Lease located NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 4-22S-37E, Lea County, New Mexico. Administrative Order PC-60 granted commingling on Section 3-22S-37E for the remainder of the Brunson "B" Lease.

Attached is the following information in support of this request:

- (1) Plat of Brunson "B" Lease.
- (2) Schematic of lease commingling facilities.
- (3) Marginal well determination 60 day tests on Brunson "B" #1, #5.

The individual zone production is as follows:

<u>Formation</u>	<u>API Gravity</u>	<u>Price</u>	<u>Daily Production</u>	<u>Gross Value</u>
Tubb	37.3°	\$2.99	3	\$8.97
Drinkard	35.5°	\$2.95	4	\$11.80
			7	\$20.77

Expected commingled gravity of the oil production is 36.5° API with a value of \$2.97 per barrel and a gross daily value of \$20.79.

Very truly yours,

E. Y. Wilder
District Superintendent

EYW/CTA/sjb

BRUNSON 'B'

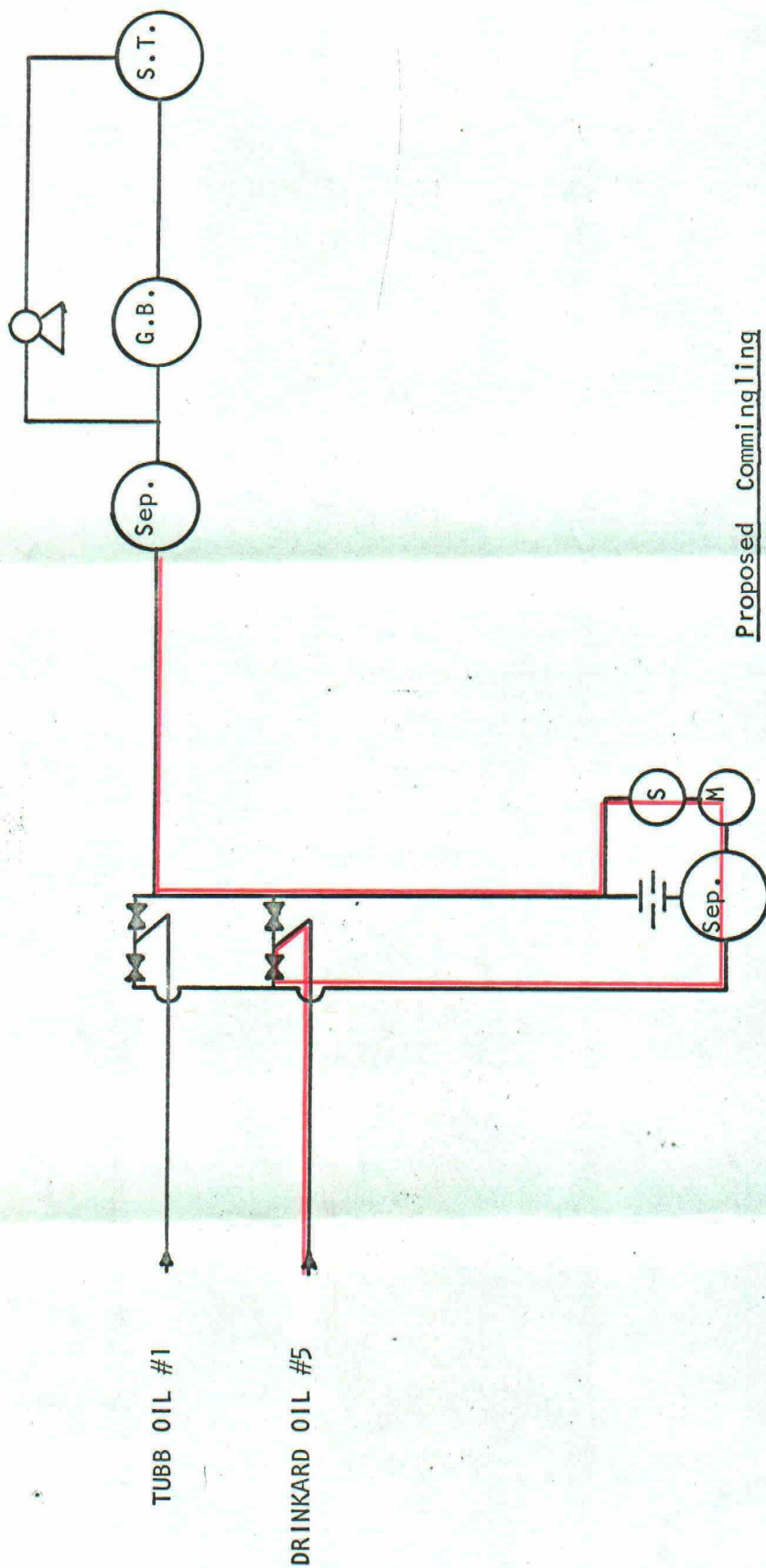
60 DAY TABULATION OF MARGINAL WELL PRODUCTION

<u>AUGUST, 1967</u>	DRINKARD GRAVITY 35.5° API <u>WELL #5</u>		TUBB GRAVITY 37.3° API <u>WELL #1</u>	
	<u>OIL</u>	<u>GAS</u>	<u>OIL</u>	<u>GAS</u>
1	4	71	3	208
2	4	71	3	208
3	4	71	3	208
4	4	71	3	208
5	4	71	3	208
6	4	71	3	208
7	4	71	3	208
8	4	71	3	208
9	4	71	3	208
10	4	71	3	208
11	4	71	3	208
12	4	71	3	208
13	4	72	3	208
14	4	72	3	208
15	4	72	3	208
16	4	72	3	208
17	3	70	3	208
18	3	70	3	208
19	3	70	3	208
20	3	70	3	208
21	3	70	3	208
22	3	70	3	208
23	3	70	3	208
24	3	70	3	208
25	3	70	3	208
26	3	70	3	208
27	3	70	3	211
28	3	70	3	228
29	3	70	2	188
30	3	70	2	188
31	3	70	3	228

BRUNSON 'B'

60 DAY TABULATION OF MARGINAL WELL PRODUCTION

<u>SEPTEMBER, 1967</u>	<u>DRINKARD GRAVITY 35.5° API WELL #5</u>		<u>TUBB GRAVITY 37.3° API WELL #1</u>	
	<u>OIL</u>	<u>GAS</u>	<u>OIL</u>	<u>GAS</u>
1	4	72	3	230
2	4	72	3	230
3	4	72	3	230
4	4	72	3	230
5	4	72	3	230
6	4	72	3	230
7	4	72	3	230
8	4	72	3	230
9	4	71	3	230
10	4	71	3	230
11	4	71	3	230
12	4	71	3	230
13	4	71	3	230
14	4	71	3	230
15	4	71	3	230
16	4	71	3	230
17	4	71	3	230
18	4	71	3	230
19	4	71	3	230
20	4	71	3	230
21	4	71	3	230
22	4	71	3	230
23	4	71	3	230
24	4	71	3	230
25	3	70	3	231
26	3	70	3	231
27	3	70	3	231
28	3	70	3	231
29	3	70	3	232
30	3	70	4	232



Proposed Commingling

Cities Service Oil Company
Brunson "B" Lease
Section 4-T22S-R37E
Lea County, New Mexico

Typical Test Loop
Symbols from Manual for
Commingling Facilities 9-13-61

Carson	Marshall	Humble	Continental	Continental	Pan-American
34 ⁰ 03-E 2 ⁰ 01 7 ⁰ 01 5 ⁰ 01 Gulf "C" E.O. Carson	8 ⁰ 07 4 ⁰ 07	4 ⁰ 02 2 ⁰ 01	1 ⁰ 03 "A" 03 2 ⁰ 02 "B" 04	03 02 "B" 04	08
13 ⁰ 05 13 ⁰ 05 Mobil 10 Corrigan	1 ⁰ 02 6 ⁰ 02 Mobil 34 E. Owen	3 ⁰ 01 Hardison "B" Gulf 03	Moran 1 "B" 01 Elliot 2 Lockhart 1 Marathon 35 Cities Service	03 03 3 ⁰ 05 7 ⁰ 05	5-C-13 Sinclair 36
5 ⁰ 03 4 ⁰ 01 L	2 ⁰ 05 B		1 ⁰ 04 4 ⁰ 03 3 ⁰ 02 Cities Service	02 03 3 ⁰ 05 7 ⁰ 05	02 03 "367" Tidewater "C"
1 ⁰ 06 Mobil 02	1 ⁰ 04 Pan Am 4B Mark Owen	07	2 ⁰ 06 3 ⁰ 05 5 ⁰ 04 Owen	06 01 02 02	01 01 State
8 ⁰ 03 6 ⁰ 04 1 ⁰ 04	Corrigan Owen Mid-Cont. "A"	2 ⁰ 08 Gulf 5 ⁰ 06	016 14 Humble "S" 13 17 ⁰ 12 12 ⁰ 05	4 ⁰ 03 05 05	Marathon 05 Gulf 05
5 ⁰ 07 7 ⁰ 10 * 02	1 ⁰ 02 Pan Am 5 3 ⁰ 08 Cities Service 02	03 04	019 20 11 08 03 03	2 ⁰ 01 02 06 01 02	2 ⁰ 01 Lynch 01 Sunray 01
1 ⁰ 04 Amerada 01 05 Brunson	2 ⁰ 08 12 ⁰ 08 4 ⁰ 08 02	06 02	018 21 02-C 09 24 ⁰ 06 01 01	02 02 02 02	02 02 Lynch 01 Sunray 01
7 ⁰ 03 4 ⁰ 07 Sinclair	6 ⁰ 03 4 ⁰ 07 5 ⁰ 03 1 ⁰ 07 Brunson "C"	07	022 07 010 04 02 02	02 02 02 02	03 01 Christ- 01 Lynch 01 Paddock
Brunson Argo 02 1 ⁰ 07 13 ⁰ 11	Brunson Argo 18 4 ⁰ 03 14 ⁰ 01	6 ⁰ 03 Gulf 6 ⁰ 03 Gulf 03	10 07 Marathon 03 01 01	01 01	Penrose 01 A-12 01 Whitaker 01 Perkins 01
10 ⁰ 08 7 ⁰ 12 Mobil 12	6 ⁰ 19 15 ⁰ 05 5 ⁰ 02 5 ⁰ 02 Brunson 10 Baker 10 Amerada 3	04 04 04 04 04 04 04 04 04 04 04 04 04 04	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02
9 ⁰ 07 Greenwood	3 ⁰ 09 08 ⁰ 02 02 02 "B"	03 03 03 03 03 03 03 03 03 03 03 03 03 03	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02
Blinberry Gas 9 ⁰ 07 Lower Blinberry Oil Blinberry Oil Tubb Oil Drinkard Oil	11 ⁰ 05 5 ⁰ 05 14 ⁰ 01 Skelly Baker	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02	02 02 02 02 02 02 02 02 02 02 02 02 02 02