



CITIES SERVICE OIL COMPANY

P. O. BOX 97 HOBBS, NEW MEXICO

March 23, 1964

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

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

Gentlemen:

Cities Service Oil Company respectfully requests administrative approval to commingle liquid production from the Blinebry, Drinkard and Tubbs Pools on the Owen Lease SE/4 Section 35-21S-37E, Lea County, New Mexico.

The following data is submitted in support of this application:

<u>Formation</u>	<u>API Gravity</u>	<u>Value/Bbl.</u>	<u>Avg. Daily Prod.</u>	<u>Gross Daily Value</u>
Blinebry	33.0	\$2.87	52	\$ 149.24
Drinkard	38.2	2.97	27	80.19
Tubb (Cond)	54.4	2.81	2.5	7.02
			81.5	\$ 236.45

Expected Gravity of Commingled Crudes = 35.3

Value of Commingled Crudes = \$2.91/Bbl.

Expected Gross Daily Value of Commingled Crudes = \$237.17

The proposed commingling facilities will meet all requirements presented in the New Mexico Oil Conservation Commission "Manual for Installation and Operation of Commingling Facilities", September 13, 1961. In support of this application the following information is attached: (1) plat of Owen Lease; (2) schematic diagram of lease commingling facilities; (3) marginal well determination 60 day tests on Owen #2, 3 and 7.

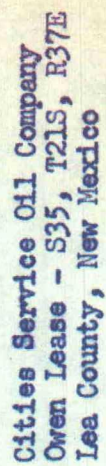
Your early approval of this application will be appreciated.

Very truly yours,

E. F. Motter
Division Engineer

EFM/sjb

[illegible]



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

Owen Lease, 60 Day Tabulation of Marginal Well Production.

Date, 1963	Drinkard Gravity 38.2°							
	#1		#2		#3		#7	
	Bbl	MCF	Bbl	MCF	Bbl	MCF	Bbl	MCF
	Oil	Gas	Oil	Gas	Oil	Gas	Oil	Gas
1	9	500	8	270	3	147	5	64
2	3	170	8	270	3	147	5	64
3	5	280	6	206	5	246	5	64
4	10	560	8	270	5	246	10	129
5	12	670	8	270	10	490	3	38
6	5	280	4	138	3	147	5	64
7	9	500	8	270	5	246	5	64
8	9	500	8	270	5	246	5	64
9	9	500	8	270	5	246	5	64
10	9	500	8	270	5	246	3	38
11	6	340	8	270	3	147	3	38
12	8	450	8	270	3	147	0	0
13	0		0	0	0	0	10	129
14	0		8	270	10	490	10	129
15	0		8	270	10	490	10	129
16	0		8	270	10	490	10	129
17	0		10	340	10	490	10	129
18	0		8	270	10	490	10	129
19	0		8	270	10	490	4	51
20	0		8	270	4	196	9	116
21	0		8	270	9	440	11	141
22	0		8	270	11	540	9	116
23	0		8	270	9	440	9	116
24	0		8	270	9	440	9	116
25	0		8	270	9	440	7	90
26	0		8	270	7	344	9	116
27	0		6	206	9	440	8	104
28	0		8	270	8	392	9	116
29	0		7	240	9	440	6	77
30	0		8	270	6	294	9	116
31	0		6	206	9	440	9	116

Owen Lease, 60 Day Tabulation of Marginal Well Production.

		Drinkard Gravity 38.2°							
		#1		#2		#3		#7	
		Bbl	MCF	Bbl	MCF	Bbl	MCF	Bbl	MCF
		Oil	Gas	Oil	Gas	Oil	Gas	Oil	Gas
Jan., 1964		S.I.							
1				8	270	5	246	9	116
2				8	270	5	246	9	116
3				9	309	5	246	0	0
4				9	309	5	246	5	64
5				9	309	5	246	3	38
6				9	309	5	246	3	38
7				9	309	5	246	6	77
8				9	309	5	246	9	116
9				8	270	5	246	7	90
10				5	172	4	196	5	64
11				9	309	3	147	9	116
12				9	309	6	294	9	116
13				10	340	6	294	10	129
14				8	270	7	344	9	116
15				8	270	5	246	7	90
16				12	410	5	246	10	129
17				7	240	8	392	7	90
18				8	270	4	196	9	116
19				10	340	5	246	9	116
20				10	340	5	246	9	116
21				8	270	5	246	9	116
22				10	340	5	246	9	116
23				10	340	5	246	9	116
24				10	340	8	392	9	116
25				8	270	5	246	10	129
26				14	480	5	246	9	116
27				10	340	5	246	9	116
28				8	270	5	246	9	116
29				10	340	5	246	9	116
30				10	340	5	246	9	116
31				8	270	5	246	9	116