

CITIES SERVICE OIL COMPANY
MADISON NO. 6

OWLL

DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1733.0	0.	100.	2.7	1.0	43.	0.03	0.00
1734.0	0.	100.	4.9	1.0	31.	0.07	0.00
1735.0	0.	100.	6.1	1.0	22.	0.13	0.00
1736.0	0.	100.	3.6	1.0	32.	0.17	0.00
1737.0	0.	100.	3.1	1.0	41.	0.21	0.00
1738.0	0.	100.	3.4	1.0	37.	0.24	0.00
1739.0	0.	100.	3.9	1.0	41.	0.28	0.00
1742.0	0.	100.	2.3	1.0	48.	0.36	0.00
1743.0	0.	100.	3.0	1.0	47.	0.38	0.00
1744.0	0.	100.	3.8	1.0	43.	0.42	0.00
1745.0	0.	100.	4.3	1.0	39.	0.46	0.00
1746.0	0.	100.	4.1	1.0	39.	0.50	0.00
1747.0	0.	100.	3.6	1.0	43.	0.54	0.00
1748.0	0.	100.	4.0	1.0	41.	0.58	0.00
1749.0	0.	100.	4.2	1.0	36.	0.62	0.00
1750.0	0.	100.	4.2	1.0	33.	0.66	0.00
1751.0	0.	100.	4.1	1.0	25.	0.70	0.00
1752.0	0.	100.	3.3	1.0	29.	0.74	0.00
1753.0	0.	100.	3.0	1.0	33.	0.77	0.00
1775.0	0.	100.	2.4	1.0	47.	1.10	0.00
1776.0	0.	100.	2.5	1.0	29.	1.13	0.00
1777.0	0.	100.	1.6	1.0	26.	1.15	0.00
1778.0	0.	100.	2.1	1.0	25.	1.17	0.00
1779.0	0.	100.	2.3	1.0	29.	1.19	0.00
1780.0	0.	100.	1.0	1.0	34.	1.21	0.00
1781.0	0.	100.	0.1	1.0	40.	1.21	0.00
1782.0	0.	100.	0.1	1.0	45.	1.21	0.00
1790.0	0.	100.	0.1	1.0	44.	1.21	0.00
1791.0	0.	100.	0.3	1.0	42.	1.21	0.00
1792.0	0.	100.	0.6	1.0	38.	1.22	0.00
1793.0	0.	100.	1.3	1.0	35.	1.23	0.00
1794.0	0.	100.	2.5	1.0	32.	1.25	0.00
1795.0	0.	100.	2.7	1.0	33.	1.28	0.00
1796.0	0.	100.	1.8	1.0	36.	1.30	0.00
1797.0	0.	100.	1.3	1.0	42.	1.31	0.00
1798.0	0.	100.	2.4	1.0	44.	1.33	0.00
1813.0	0.	100.	1.0	1.0	48.	1.57	0.00
1816.0	0.	100.	0.8	1.0	43.	1.60	0.00
1817.0	0.	100.	1.1	1.0	36.	1.60	0.00
1818.0	0.	100.	1.4	1.0	34.	1.62	0.00
1819.0	0.	100.	1.4	1.0	33.	1.63	0.00
1820.0	0.	100.	2.0	1.0	32.	1.65	0.00
1821.0	0.	100.	2.1	1.0	34.	1.68	0.00
1822.0	0.	100.	2.1	1.0	39.	1.70	0.00

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1823.0	0.	100.	1.0	1.0	43.	1.71	0.00
1824.0	0.	100.	1.1	1.0	43.	1.72	0.00
1825.0	0.	100.	1.5	1.0	43.	1.73	0.00
1826.0	0.	100.	2.2	1.0	44.	1.75	0.00
1827.0	0.	100.	2.8	1.0	44.	1.78	0.00
1828.0	0.	100.	2.5	1.0	48.	1.80	0.00
1829.0	0.	100.	3.1	1.0	42.	1.83	0.00
1830.0	0.	100.	2.8	1.0	47.	1.86	0.00
1834.0	0.	100.	4.8	1.0	39.	1.99	0.00
1835.0	0.	100.	5.6	1.0	41.	2.05	0.00
1836.0	0.	100.	6.0	1.0	44.	2.10	0.00
1837.0	1.	100.	10.2	1.0	35.	2.19	0.00
1838.0	2.	100.	11.5	1.0	13.	2.31	0.00
1839.0	2.	100.	11.8	1.0	6.	2.43	0.00
1840.0	2.	100.	11.4	1.0	6.	2.54	0.00
1841.0	1.	100.	10.3	1.0	10.	2.65	0.00
1842.0	1.	100.	9.0	1.0	17.	2.74	0.00
1852.0	0.	100.	0.4	1.0	42.	2.82	0.00
1853.0	0.	100.	1.6	1.0	36.	2.83	0.00
1854.0	0.	100.	3.6	1.0	34.	2.86	0.00
1855.0	0.	100.	1.8	1.0	37.	2.89	0.00
1856.0	0.	100.	0.4	1.0	40.	2.89	0.00
1857.0	0.	100.	1.3	1.0	41.	2.90	0.00
1858.0	0.	100.	1.8	1.0	42.	2.92	0.00
1859.0	0.	100.	1.2	1.0	44.	2.94	0.00
1860.0	0.	100.	0.1	1.0	49.	2.94	0.00
1864.0	0.	100.	0.1	1.0	49.	2.94	0.00
1865.0	0.	100.	2.1	1.0	41.	2.96	0.00
1866.0	0.	100.	2.7	1.0	37.	2.98	0.00
1867.0	0.	100.	4.6	1.0	32.	3.02	0.00
1868.0	0.	100.	4.5	1.0	31.	3.07	0.00
1869.0	0.	100.	2.2	1.0	35.	3.10	0.00
1870.0	0.	100.	2.4	1.0	39.	3.12	0.00
1871.0	0.	100.	2.7	1.0	47.	3.15	0.00
1872.0	0.	100.	1.3	1.0	48.	3.16	0.00
1873.0	0.	100.	2.6	1.0	46.	3.18	0.00
1874.0	0.	100.	3.3	1.0	41.	3.21	0.00
1875.0	0.	100.	3.4	1.0	40.	3.25	0.00
1876.0	0.	100.	4.1	1.0	35.	3.29	0.00
1877.0	0.	100.	5.5	1.0	29.	3.34	0.00
1878.0	0.	100.	4.4	1.0	28.	3.39	0.00
1879.0	0.	100.	5.2	1.0	29.	3.43	0.00
1880.0	0.	100.	6.3	1.0	32.	3.50	0.00
1881.0	1.	100.	9.5	1.0	27.	3.59	0.00
1882.0	1.	95.	10.6	1.0	25.	3.69	0.00
1883.0	1.	91.	10.9	1.0	23.	3.80	0.01
1884.0	1.	100.	9.6	1.0	25.	3.89	0.01

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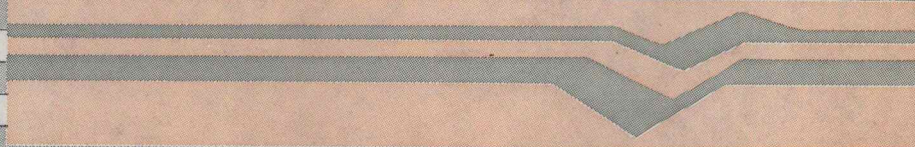
DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1885.0	1.	95.	10.4	1.0	23.	3.99	0.02
1886.0	1.	92.	10.8	1.0	21.	4.10	0.02
1887.0	1.	98.	10.1	1.0	20.	4.20	0.03
1888.0	1.	99.	10.0	1.0	21.	4.30	0.03
1889.0	2.	91.	11.1	1.0	22.	4.41	0.03
1890.0	2.	89.	11.5	1.0	24.	4.52	0.05
1891.0	7.	68.	15.6	1.0	15.	4.67	0.09
1892.0	6.	70.	15.4	1.0	13.	4.83	0.13
1893.0	4.	77.	14.1	1.0	10.	4.97	0.17
1894.0	5.	76.	14.8	1.0	7.	5.11	0.20
1895.0	22.	58.	20.5	0.7	2.	5.31	0.28
1896.0	21.	64.	20.1	0.8	2.	5.51	0.36
1897.0	18.	71.	19.4	1.0	3.	5.71	0.42
1898.0	20.	73.	20.1	1.0	2.	5.91	0.48
1899.0	13.	81.	18.3	1.0	5.	6.10	0.51
1900.0	10.	88.	16.9	1.0	5.	6.27	0.54
1901.0	7.	93.	15.8	1.0	6.	6.43	0.55
1902.0	8.	88.	16.3	1.0	4.	6.59	0.57
1903.0	10.	83.	17.1	1.0	4.	6.76	0.59
1904.0	8.	85.	16.4	1.0	5.	6.92	0.62
1905.0	7.	86.	15.9	1.0	4.	7.08	0.64
1906.0	6.	90.	15.1	1.0	5.	7.23	0.66
1907.0	5.	94.	14.7	1.0	8.	7.38	0.67
1908.0	4.	97.	14.2	1.0	8.	7.53	0.68
1909.0	4.	99.	13.7	1.0	9.	7.66	0.68
1910.0	5.	93.	14.4	1.0	8.	7.81	0.69
1911.0	7.	85.	15.7	1.0	7.	7.96	0.71
1912.0	9.	80.	16.8	1.0	8.	8.12	0.74
1913.0	12.	75.	18.0	1.0	8.	8.30	0.78
1914.0	16.	72.	18.9	1.0	9.	8.49	0.83
1915.0	11.	78.	17.5	1.0	18.	8.67	0.87
1916.0	7.	85.	15.9	1.0	20.	8.83	0.90
1917.0	12.	78.	17.9	1.0	20.	9.00	0.93
1918.0	17.	75.	19.2	1.0	20.	9.19	0.98
1919.0	19.	73.	19.8	1.0	13.	9.39	1.03
1920.0	19.	73.	19.8	1.0	6.	9.59	1.08
1921.0	17.	75.	19.3	1.0	3.	9.78	1.13
1922.0	18.	74.	19.4	1.0	4.	9.97	1.18
1923.0	16.	76.	19.0	1.0	6.	10.17	1.23
1924.0	7.	89.	15.8	1.0	10.	10.33	1.26
1925.0	1.	100.	9.7	1.0	14.	10.44	1.26
1926.0	2.	100.	11.3	1.0	14.	10.54	1.26
1927.0	2.	100.	11.2	1.0	18.	10.66	1.26
1928.0	2.	100.	12.1	1.0	16.	10.77	1.26
1929.0	7.	92.	15.6	1.0	9.	10.92	1.27
1930.0	8.	89.	16.3	1.0	6.	11.08	1.28
1931.0	7.	92.	15.8	1.0	4.	11.24	1.30
1932.0	4.	100.	13.5	1.0	7.	11.39	1.30
1933.0	3.	100.	13.1	1.0	7.	11.51	1.30
1934.0	3.	100.	13.3	1.0	7.	11.65	1.30

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DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1935.0	1.	100.	10.2	1.0	9.	11.76	1.30
1936.0	1.	100.	8.6	1.0	9.	11.85	1.30
1937.0	0.	100.	7.8	1.0	9.	11.93	1.30
1938.0	3.	100.	12.8	1.0	7.	12.05	1.30
1939.0	5.	100.	14.5	1.0	6.	12.20	1.30
1940.0	6.	100.	14.9	1.0	5.	12.35	1.30
1941.0	6.	98.	15.2	1.0	3.	12.50	1.30
1942.0	7.	94.	15.8	1.0	2.	12.65	1.31
1943.0	9.	90.	16.6	1.0	1.	12.82	1.33
1944.0	9.	91.	16.7	1.0	1.	12.98	1.34
1945.0	10.	90.	17.1	1.0	1.	13.15	1.36
1946.0	7.	99.	15.6	1.0	3.	13.31	1.36
1947.0	7.	99.	15.9	1.0	2.	13.47	1.37
1948.0	7.	100.	15.5	1.0	2.	13.63	1.37
1949.0	5.	100.	14.6	1.0	2.	13.78	1.37
1950.0	5.	100.	14.3	1.0	3.	13.92	1.37
1951.0	2.	100.	11.6	1.0	5.	14.05	1.37
1952.0	0.	100.	0.1	1.0	12.	14.08	1.37
1953.0	0.	100.	0.1	1.0	14.	14.09	1.37
1954.0	0.	100.	0.1	1.0	26.	14.09	1.37

Dresser Atlas



CITIES SERVICE
MADISON # 6

OWLL

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1730.0	92.0	0.8	3.5	4.2	100.0	0.0	100.0
1730.5	95.9	0.4	3.5	4.3	100.0	0.0	100.0
1731.0	95.9	0.2	3.5	4.3	100.0	0.0	100.0
1731.5	95.9	0.2	3.5	4.3	100.0	0.0	100.0
1732.0	94.5	0.2	3.5	4.4	100.0	0.0	100.0
1732.5	93.0	1.4	3.4	4.6	100.0	0.0	100.0
1733.0	86.0	2.7	3.4	4.6	100.0	0.0	100.0
1733.5	82.2	3.9	3.5	4.6	100.0	0.0	100.0
1734.0	77.9	4.9	3.5	4.5	100.0	0.0	100.0
1734.5	70.9	5.7	3.6	4.5	100.0	0.0	100.0
1735.0	72.8	6.1	3.7	4.4	100.0	0.0	100.0
1735.5	85.6	4.4	4.1	4.1	100.0	0.0	100.0
1736.0	89.2	3.6	4.4	4.8	100.0	0.0	100.0
1736.5	88.8	3.5	4.4	7.6	100.0	0.0	100.0
1737.0	87.4	3.1	4.3	9.1	100.0	0.0	100.0
1737.5	85.0	3.2	4.2	5.3	100.0	0.0	100.0
1738.0	81.6	3.4	4.2	4.3	100.0	0.0	100.0
1738.5	82.3	3.6	4.4	4.2	100.0	0.0	100.0
1739.0	84.9	3.9	4.5	4.6	100.0	0.0	100.0
1739.5	89.0	3.2	4.7	5.4	100.0	0.0	100.0
1740.0	91.2	2.7	4.7	6.3	100.0	0.0	100.0
1740.5	91.6	2.6	4.7	7.1	100.0	0.0	100.0
1741.0	91.1	2.7	4.8	8.3	100.0	0.0	100.0
1741.5	90.3	2.5	4.9	6.4	100.0	0.0	100.0
1742.0	90.1	2.3	4.9	5.1	100.0	0.0	100.0
1742.5	90.4	2.6	4.9	5.0	100.0	0.0	100.0
1743.0	90.0	3.0	4.8	5.2	100.0	0.0	100.0
1743.5	88.5	3.4	4.6	5.4	100.0	0.0	100.0
1744.0	86.0	3.8	4.4	5.5	100.0	0.0	100.0
1744.5	83.1	4.1	4.4	5.0	100.0	0.0	100.0
1745.0	82.1	4.3	4.4	4.6	100.0	0.0	100.0
1745.5	81.3	4.3	4.4	4.9	100.0	0.0	100.0
1746.0	83.7	4.1	4.4	5.2	100.0	0.0	100.0
1746.5	87.4	3.8	4.4	5.4	100.0	0.0	100.0
1747.0	88.9	3.6	4.5	5.6	100.0	0.0	100.0
1747.5	86.8	3.8	4.5	5.3	100.0	0.0	100.0
1748.0	86.8	4.0	4.6	4.6	100.0	0.0	100.0
1748.5	85.1	4.2	4.6	5.1	100.0	0.0	100.0
1749.0	81.7	4.2	4.6	5.6	100.0	0.0	100.0
1749.5	80.3	3.9	4.7	5.4	100.0	0.0	100.0
1750.0	80.7	4.2	4.8	5.1	100.0	0.0	100.0
1750.5	81.3	4.5	4.8	5.6	100.0	0.0	100.0
1751.0	84.8	4.1	5.0	6.1	100.0	0.0	100.0
1751.5	93.9	3.2	5.2	5.2	100.0	0.0	100.0
1752.0	93.7	3.3	5.7	5.0	100.0	0.0	100.0

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1752.5	95.8	3.0	6.1	7.0	100.0	0.0	100.0
1753.0	95.9	3.0	6.4	10.2	100.0	0.0	100.0
1753.5	96.1	2.5	6.3	12.3	100.0	0.0	100.0
1754.0	96.4	2.4	6.1	6.7	100.0	0.0	100.0
1754.5	95.7	2.4	6.0	5.9	100.0	0.0	100.0
1755.0	92.5	2.7	5.8	5.7	100.0	0.0	100.0
1755.5	93.9	2.5	5.6	5.7	100.0	0.0	100.0
1756.0	95.3	2.3	5.4	5.8	100.0	0.0	100.0
1756.5	96.6	2.2	5.3	5.8	100.0	0.0	100.0
1757.0	98.9	2.0	5.0	5.8	100.0	0.0	100.0
1757.5	101.3	1.8	4.9	5.8	100.0	0.0	100.0
1758.0	99.9	1.7	4.8	5.8	100.0	0.0	100.0
1758.5	99.0	1.5	4.7	5.8	100.0	0.0	100.0
1759.0	99.3	1.2	4.6	5.6	100.0	0.0	100.0
1759.5	99.6	0.9	4.6	5.5	100.0	0.0	100.0
1760.0	100.0	0.6	4.5	5.4	100.0	0.0	100.0
1760.5	99.7	0.5	4.4	5.3	100.0	0.0	100.0
1761.0	99.6	0.4	4.5	5.2	100.0	0.0	100.0
1761.5	100.1	0.5	4.4	5.1	100.0	0.0	100.0
1762.0	98.0	0.8	4.4	5.2	100.0	0.0	100.0
1762.5	96.6	1.0	4.4	5.2	100.0	0.0	100.0
1763.0	96.4	1.2	4.4	5.0	100.0	0.0	100.0
1763.5	96.9	1.4	4.5	5.1	100.0	0.0	100.0
1764.0	95.9	1.7	4.5	5.3	100.0	0.0	100.0
1764.5	94.7	1.7	4.5	5.5	100.0	0.0	100.0
1765.0	95.0	1.5	4.5	5.7	100.0	0.0	100.0
1765.5	95.4	1.3	4.4	5.7	100.0	0.0	100.0
1766.0	95.6	1.2	4.4	5.6	100.0	0.0	100.0
1766.5	95.9	1.2	4.2	5.4	100.0	0.0	100.0
1767.0	97.0	1.4	4.2	5.0	100.0	0.0	100.0
1767.5	97.5	1.3	4.1	4.6	100.0	0.0	100.0
1768.0	98.5	1.2	4.0	4.8	100.0	0.0	100.0
1768.5	99.7	1.3	3.9	5.0	100.0	0.0	100.0
1769.0	100.6	1.6	3.8	5.4	100.0	0.0	100.0
1769.5	101.6	1.6	3.8	4.9	100.0	0.0	100.0
1770.0	102.6	1.4	3.7	4.5	100.0	0.0	100.0
1770.5	103.1	1.3	3.7	4.3	100.0	0.0	100.0
1771.0	102.6	1.2	3.6	4.6	100.0	0.0	100.0
1771.5	101.2	1.2	3.6	4.8	100.0	0.0	100.0
1772.0	100.3	1.3	3.6	4.9	100.0	0.0	100.0
1772.5	99.6	1.4	3.6	4.7	100.0	0.0	100.0
1773.0	98.4	1.6	3.6	4.7	100.0	0.0	100.0
1773.5	96.4	1.7	3.6	4.7	100.0	0.0	100.0
1774.0	92.4	2.1	3.6	4.7	100.0	0.0	100.0
1774.5	88.6	2.3	3.6	4.7	100.0	0.0	100.0

OWLL

CITIES SERVICE

MADISON # 6

OWLL

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1775.0	85.0	2.4	3.6	4.8	100.0	0.0	100.0
1775.5	76.1	2.7	3.7	4.8	100.0	0.0	100.0
1776.0	69.8	2.5	3.8	4.9	100.0	0.0	100.0
1776.5	67.9	2.0	3.9	4.9	100.0	0.0	100.0
1777.0	67.9	1.6	4.0	4.7	100.0	0.0	100.0
1777.5	70.0	2.0	4.1	5.7	100.0	0.0	100.0
1778.0	71.9	2.1	4.3	6.6	100.0	0.0	100.0
1778.5	73.9	2.2	4.4	5.5	100.0	0.0	100.0
1779.0	77.1	2.3	4.6	5.7	100.0	0.0	100.0
1779.5	78.9	1.9	4.7	5.7	100.0	0.0	100.0
1780.0	80.6	1.0	4.9	5.9	100.0	0.0	100.0
1780.5	82.7	0.1	5.0	6.2	100.0	0.0	100.0
1781.0	84.7	0.1	5.0	6.8	100.0	0.0	100.0
1781.5	86.3	0.1	5.0	6.9	100.0	0.0	100.0
1782.0	88.4	0.1	5.0	6.6	100.0	0.0	100.0
1782.5	91.1	0.1	4.9	6.3	100.0	0.0	100.0
1783.0	95.7	0.1	5.0	6.1	100.0	0.0	100.0
1783.5	99.3	0.1	5.0	5.8	100.0	0.0	100.0
1784.0	105.8	0.1	5.4	6.0	100.0	0.0	100.0
1784.5	132.2	0.0	5.7	6.5	100.0	0.0	100.0
1785.0	146.7	0.0	6.0	7.2	100.0	0.0	100.0
1785.5	178.0	0.0	6.3	6.9	100.0	0.0	100.0
1786.0	179.1	0.0	7.1	9.0	100.0	0.0	100.0
1786.5	180.2	0.0	7.7	11.5	100.0	0.0	100.0
1787.0	181.4	0.0	8.0	13.2	100.0	0.0	100.0
1787.5	182.5	0.0	8.5	8.9	100.0	0.0	100.0
1788.0	125.3	0.0	9.1	9.9	100.0	0.0	100.0
1788.5	91.9	0.1	9.1	12.0	100.0	0.0	100.0
1789.0	88.0	0.1	8.5	11.5	100.0	0.0	100.0
1789.5	83.2	0.1	7.2	12.2	100.0	0.0	100.0
1790.0	81.9	0.1	6.0	16.5	100.0	0.0	100.0
1790.5	82.0	0.2	4.7	14.7	100.0	0.0	100.0
1791.0	81.9	0.3	3.8	6.3	100.0	0.0	100.0
1791.5	82.9	0.2	4.0	4.1	100.0	0.0	100.0
1792.0	85.4	0.6	4.4	3.3	100.0	0.0	100.0
1792.5	85.1	1.1	5.2	4.0	100.0	0.0	100.0
1793.0	84.7	1.3	5.6	7.6	100.0	0.0	100.0
1793.5	83.3	2.0	5.7	9.3	100.0	0.0	100.0
1794.0	82.2	2.5	5.8	11.2	100.0	0.0	100.0
1794.5	82.1	2.9	5.9	10.1	100.0	0.0	100.0
1795.0	84.1	2.7	6.0	8.5	100.0	0.0	100.0
1795.5	84.0	2.3	6.1	7.1	100.0	0.0	100.0
1796.0	83.2	1.8	6.2	7.2	100.0	0.0	100.0
1796.5	84.4	1.4	6.2	7.2	100.0	0.0	100.0
1797.0	87.2	1.3	6.2	7.1	100.0	0.0	100.0

CITIES SERVICE
MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1797.5	86.2	1.6	6.1	7.1	100.0	0.0	100.0
1798.0	87.6	2.4	5.9	6.9	100.0	0.0	100.0
1798.5	90.4	2.5	6.0	6.7	100.0	0.0	100.0
1799.0	91.8	2.5	6.0	6.7	100.0	0.0	100.0
1799.5	93.8	2.1	6.0	6.6	100.0	0.0	100.0
1800.0	97.6	1.7	6.0	6.6	100.0	0.0	100.0
1800.5	98.6	1.5	5.9	6.7	100.0	0.0	100.0
1801.0	99.8	1.2	5.8	6.6	100.0	0.0	100.0
1801.5	101.5	1.0	5.6	6.5	100.0	0.0	100.0
1802.0	101.1	0.9	5.5	6.1	100.0	0.0	100.0
1802.5	97.8	0.9	5.5	5.9	100.0	0.0	100.0
1803.0	93.9	0.9	5.3	6.2	100.0	0.0	100.0
1803.5	90.7	1.0	5.1	6.5	100.0	0.0	100.0
1804.0	93.2	0.8	4.9	6.6	100.0	0.0	100.0
1804.5	94.4	0.8	4.6	5.6	100.0	0.0	100.0
1805.0	93.6	1.4	4.4	5.5	100.0	0.0	100.0
1805.5	92.7	2.9	4.2	5.3	100.0	0.0	100.0
1806.0	91.6	3.6	3.9	5.0	100.0	0.0	100.0
1806.5	91.2	3.3	3.7	4.6	100.0	0.0	100.0
1807.0	94.3	3.1	3.5	4.5	100.0	0.0	100.0
1807.5	96.4	3.2	3.4	3.9	100.0	0.0	100.0
1808.0	97.6	3.3	3.3	3.9	100.0	0.0	100.0
1808.5	99.5	2.7	3.2	4.2	100.0	0.0	100.0
1809.0	103.3	1.9	3.2	3.7	100.0	0.0	100.0
1809.5	105.6	1.4	3.1	3.8	100.0	0.0	100.0
1810.0	109.7	0.7	3.1	4.1	100.0	0.0	100.0
1810.5	117.6	0.0	3.1	4.5	100.0	0.0	100.0
1811.0	124.5	0.0	3.0	4.4	100.0	0.0	100.0
1811.5	121.2	0.0	3.0	4.3	100.0	0.0	100.0
1812.0	112.7	0.2	3.0	4.2	100.0	0.0	100.0
1812.5	85.0	1.4	3.1	4.0	100.0	0.0	100.0
1813.0	84.3	1.0	3.1	3.9	100.0	0.0	100.0
1813.5	86.6	0.7	3.2	3.8	100.0	0.0	100.0
1814.0	90.7	0.6	3.4	3.5	100.0	0.0	100.0
1814.5	91.5	0.6	3.4	4.0	100.0	0.0	100.0
1815.0	89.0	0.6	3.3	8.1	100.0	0.0	100.0
1815.5	86.9	0.8	3.2	9.0	100.0	0.0	100.0
1816.0	86.0	0.8	3.2	4.6	100.0	0.0	100.0
1816.5	84.3	0.7	3.4	3.8	100.0	0.0	100.0
1817.0	82.3	1.1	3.6	3.6	100.0	0.0	100.0
1817.5	83.1	1.9	3.9	3.9	100.0	0.0	100.0
1818.0	83.5	1.4	4.1	4.5	100.0	0.0	100.0
1818.5	83.3	1.2	4.5	5.4	100.0	0.0	100.0
1819.0	82.2	1.4	4.7	6.4	100.0	0.0	100.0
1819.5	80.4	1.9	4.9	7.1	100.0	0.0	100.0

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CITIES SERVICE

MADISON # 6

OWLL

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1820.0	79.5	2.0	5.2	7.2	100.0	0.0	100.0
1820.5	80.0	2.1	5.3	7.1	100.0	0.0	100.0
1821.0	82.5	2.1	5.5	7.0	100.0	0.0	100.0
1821.5	85.4	2.2	5.7	6.7	100.0	0.0	100.0
1822.0	87.7	2.1	5.8	6.6	100.0	0.0	100.0
1822.5	89.6	1.5	5.9	6.4	100.0	0.0	100.0
1823.0	90.3	1.0	5.8	6.0	100.0	0.0	100.0
1823.5	90.7	1.0	5.9	6.0	100.0	0.0	100.0
1824.0	90.2	1.1	5.8	6.2	100.0	0.0	100.0
1824.5	89.2	1.1	5.8	6.3	100.0	0.0	100.0
1825.0	89.2	1.5	5.7	6.3	100.0	0.0	100.0
1825.5	90.1	1.4	5.6	6.3	100.0	0.0	100.0
1826.0	91.2	2.2	5.5	6.3	100.0	0.0	100.0
1826.5	92.6	2.5	5.5	6.2	100.0	0.0	100.0
1827.0	89.7	2.8	5.4	6.1	100.0	0.0	100.0
1827.5	92.1	2.5	5.3	6.1	100.0	0.0	100.0
1828.0	93.1	2.5	5.2	6.0	100.0	0.0	100.0
1828.5	91.7	2.8	5.2	6.0	100.0	0.0	100.0
1829.0	89.1	3.1	5.3	6.0	100.0	0.0	100.0
1829.5	90.2	3.0	5.4	6.0	100.0	0.0	100.0
1830.0	92.7	2.8	5.5	5.9	100.0	0.0	100.0
1830.5	94.0	2.7	5.5	5.8	100.0	0.0	100.0
1831.0	93.8	2.7	5.6	6.0	100.0	0.0	100.0
1831.5	90.7	3.1	5.7	6.2	100.0	0.0	100.0
1832.0	94.3	2.8	5.7	6.5	100.0	0.0	100.0
1832.5	95.6	2.8	5.6	6.8	100.0	0.0	100.0
1833.0	93.7	3.1	5.6	6.3	100.0	0.0	100.0
1833.5	86.0	3.9	5.5	5.8	100.0	0.0	100.0
1834.0	78.8	4.8	5.3	5.6	100.0	0.0	100.0
1834.5	72.1	5.5	5.1	5.3	100.0	0.0	100.0
1835.0	79.2	5.6	4.9	5.0	100.0	0.0	100.0
1835.5	83.4	5.5	4.7	4.8	100.0	0.0	100.0
1836.0	81.5	6.0	4.5	4.9	100.0	0.0	100.0
1836.5	79.1	8.0	4.2	5.7	100.0	0.0	100.0
1837.0	76.8	10.2	4.0	6.5	100.0	0.0	100.0
1837.5	71.4	11.3	3.8	6.1	100.0	0.0	100.0
1838.0	65.3	11.5	3.7	4.8	100.0	0.0	100.0
1838.5	60.4	11.6	3.6	3.6	100.0	0.0	100.0
1839.0	52.0	11.8	3.6	3.8	100.0	0.0	100.0
1839.5	49.5	11.8	3.7	4.6	100.0	0.0	100.0
1840.0	51.1	11.4	3.5	5.7	100.0	0.0	100.0
1840.5	54.1	10.9	3.3	5.3	100.0	0.0	100.0
1841.0	58.3	10.3	3.1	4.7	100.0	0.0	100.0
1841.5	65.0	9.7	3.0	4.1	100.0	0.0	100.0
1842.0	69.1	9.0	2.8	4.0	100.0	0.0	100.0

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1842.5	89.0	6.0	2.8	3.9	100.0	0.0	100.0
1843.0	100.8	3.3	2.7	4.0	100.0	0.0	100.0
1843.5	105.5	2.1	2.6	4.1	100.0	0.0	100.0
1844.0	107.7	1.3	2.5	4.2	100.0	0.0	100.0
1844.5	107.9	1.0	2.5	4.3	100.0	0.0	100.0
1845.0	108.7	0.8	2.5	4.4	100.0	0.0	100.0
1845.5	111.0	0.4	2.5	4.3	100.0	0.0	100.0
1846.0	113.7	0.1	2.5	3.7	100.0	0.0	100.0
1846.5	117.9	0.0	2.5	3.5	100.0	0.0	100.0
1847.0	123.3	0.0	2.5	3.3	100.0	0.0	100.0
1847.5	140.7	0.0	2.5	3.6	100.0	0.0	100.0
1848.0	146.1	0.0	2.5	3.8	100.0	0.0	100.0
1848.5	139.8	0.0	2.5	3.7	100.0	0.0	100.0
1849.0	123.1	0.0	2.6	3.4	100.0	0.0	100.0
1849.5	101.2	0.1	2.7	3.2	100.0	0.0	100.0
1850.0	98.6	0.1	2.8	3.6	100.0	0.0	100.0
1850.5	96.5	0.1	3.1	4.6	100.0	0.0	100.0
1851.0	91.8	0.1	3.4	5.7	100.0	0.0	100.0
1851.5	85.9	0.2	3.8	6.0	100.0	0.0	100.0
1852.0	83.6	0.4	4.7	6.0	100.0	0.0	100.0
1852.5	81.9	0.3	5.2	6.3	100.0	0.0	100.0
1853.0	80.9	1.6	5.7	7.3	100.0	0.0	100.0
1853.5	79.7	2.9	6.3	8.5	100.0	0.0	100.0
1854.0	81.0	3.6	6.7	8.5	100.0	0.0	100.0
1854.5	82.6	2.8	7.2	8.3	100.0	0.0	100.0
1855.0	83.7	1.8	7.5	8.2	100.0	0.0	100.0
1855.5	84.9	1.0	7.6	8.2	100.0	0.0	100.0
1856.0	86.1	0.4	7.9	8.1	100.0	0.0	100.0
1856.5	87.3	0.8	8.2	7.9	100.0	0.0	100.0
1857.0	88.3	1.3	8.5	8.2	100.0	0.0	100.0
1857.5	88.8	2.0	8.7	8.3	100.0	0.0	100.0
1858.0	89.5	1.8	8.5	8.2	100.0	0.0	100.0
1858.5	90.2	1.6	8.1	7.9	100.0	0.0	100.0
1859.0	89.3	1.2	7.8	7.6	100.0	0.0	100.0
1859.5	88.2	0.1	7.7	7.4	100.0	0.0	100.0
1860.0	91.3	0.1	7.5	7.3	100.0	0.0	100.0
1860.5	93.8	0.1	7.4	7.2	100.0	0.0	100.0
1861.0	94.2	0.1	7.4	7.2	100.0	0.0	100.0
1861.5	92.7	0.1	7.4	7.2	100.0	0.0	100.0
1862.0	94.0	0.3	7.4	7.2	100.0	0.0	100.0
1862.5	95.9	0.1	7.4	7.2	100.0	0.0	100.0
1863.0	94.2	0.1	7.4	7.1	100.0	0.0	100.0
1863.5	92.4	0.1	7.3	7.2	100.0	0.0	100.0
1864.0	90.7	0.1	7.1	7.1	100.0	0.0	100.0
1864.5	89.1	0.7	7.1	7.1	100.0	0.0	100.0

OWLL

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW	O W L L
1865.0	87.1	2.1	7.0	7.0	100.0	0.0	100.0	
1865.5	85.7	2.1	6.9	6.9	100.0	0.0	100.0	
1866.0	84.3	2.7	6.8	6.8	100.0	0.0	100.0	
1866.5	83.5	3.9	7.0	6.9	100.0	0.0	100.0	
1867.0	80.5	4.6	7.0	7.1	100.0	0.0	100.0	
1867.5	79.6	4.8	7.2	7.2	100.0	0.0	100.0	
1868.0	80.3	4.5	7.3	7.3	100.0	0.0	100.0	
1868.5	82.7	3.1	7.3	7.3	100.0	0.0	100.0	
1869.0	82.4	2.2	7.4	7.3	100.0	0.0	100.0	
1869.5	82.1	1.9	7.4	7.3	100.0	0.0	100.0	
1870.0	86.5	2.4	7.4	7.2	100.0	0.0	100.0	
1870.5	88.9	3.1	7.2	7.0	100.0	0.0	100.0	
1871.0	92.4	2.7	6.9	6.6	100.0	0.0	100.0	
1871.5	95.0	1.3	6.6	6.4	100.0	0.0	100.0	
1872.0	94.7	1.3	6.4	6.2	100.0	0.0	100.0	
1872.5	94.2	1.8	6.7	6.3	100.0	0.0	100.0	
1873.0	94.4	2.6	6.7	6.5	100.0	0.0	100.0	
1873.5	93.6	3.2	6.8	6.7	100.0	0.0	100.0	
1874.0	90.5	3.3	7.0	6.8	100.0	0.0	100.0	
1874.5	92.4	3.0	7.0	6.9	100.0	0.0	100.0	
1875.0	89.9	3.4	7.1	6.9	100.0	0.0	100.0	
1875.5	87.0	3.9	7.1	6.8	100.0	0.0	100.0	
1876.0	84.8	4.1	7.1	6.7	100.0	0.0	100.0	
1876.5	82.4	4.8	7.1	6.8	100.0	0.0	100.0	
1877.0	80.2	5.5	7.0	6.8	100.0	0.0	100.0	
1877.5	78.2	5.1	7.0	6.7	100.0	0.0	100.0	
1878.0	79.0	4.4	6.9	6.7	100.0	0.0	100.0	
1878.5	80.9	4.4	6.7	6.7	100.0	0.0	100.0	
1879.0	81.2	5.2	6.7	6.6	100.0	0.0	100.0	
1879.5	81.4	6.2	6.6	6.6	100.0	0.0	100.0	
1880.0	81.8	6.3	6.6	6.9	100.0	0.0	100.0	
1880.5	82.1	8.2	6.6	7.1	100.0	0.0	100.0	
1881.0	79.2	9.5	6.6	6.6	100.0	0.0	100.0	
1881.5	80.2	9.5	6.6	6.2	100.0	0.0	100.0	
1882.0	80.2	10.6	6.7	6.3	94.5	5.5	94.5	
1882.5	80.2	11.0	6.7	6.7	90.8	9.2	90.8	
1883.0	82.8	10.9	6.8	7.0	91.1	8.9	91.1	
1883.5	87.5	9.8	6.8	7.2	100.0	0.0	100.0	
1884.0	86.4	9.6	6.8	7.1	100.0	0.0	100.0	
1884.5	84.9	9.7	6.9	6.6	100.0	0.0	100.0	
1885.0	83.2	10.4	6.9	6.1	94.7	5.3	94.7	
1885.5	87.1	9.8	6.9	6.4	100.0	0.0	100.0	
1886.0	84.3	10.8	6.8	6.5	92.0	8.0	92.0	
1886.5	86.0	10.7	6.8	6.5	92.5	7.5	92.5	
1887.0	86.9	10.1	6.8	6.3	97.8	2.2	97.8	

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1887.5	86.2	9.8	6.8	6.4	100.0	0.0	100.0
1888.0	83.7	10.0	6.8	6.5	99.3	0.7	99.3
1888.5	81.4	10.6	6.7	6.4	94.5	5.5	94.5
1889.0	79.9	11.1	6.6	6.5	90.8	9.2	90.8
1889.5	79.6	11.3	6.6	6.8	90.1	9.9	90.1
1890.0	79.6	11.5	6.5	6.1	88.6	11.4	88.6
1890.5	77.4	13.8	6.4	5.8	75.7	24.3	75.7
1891.0	73.8	15.6	6.3	5.7	68.4	31.6	68.4
1891.5	68.1	15.7	6.2	6.2	68.6	31.4	68.6
1892.0	64.9	15.4	6.2	6.6	70.2	29.8	70.2
1892.5	62.5	14.9	6.0	7.1	73.0	27.0	73.0
1893.0	58.8	14.1	5.9	7.1	77.3	22.7	77.3
1893.5	55.9	13.6	5.9	6.2	80.5	19.5	80.5
1894.0	54.0	14.8	5.7	5.5	75.5	24.5	75.5
1894.5	55.0	18.9	5.5	5.3	61.6	38.4	61.6
1895.0	57.1	20.5	5.4	5.1	58.2	41.8	58.2
1895.5	59.7	20.7	4.9	4.9	60.3	39.7	60.3
1896.0	57.6	20.1	4.6	5.3	63.7	36.3	63.7
1896.5	55.9	19.5	4.3	5.7	68.0	32.0	68.0
1897.0	54.7	19.4	4.0	5.2	70.5	29.5	70.5
1897.5	53.4	20.0	3.7	4.7	70.7	29.3	70.7
1898.0	52.0	20.1	3.5	4.3	72.7	27.3	72.7
1898.5	51.5	19.1	3.4	4.1	77.1	22.9	77.1
1899.0	50.6	18.3	3.4	4.0	81.1	18.9	81.1
1899.5	48.7	17.5	3.3	4.1	85.0	15.0	85.0
1900.0	48.5	16.9	3.3	4.2	88.0	12.0	88.0
1900.5	47.9	16.2	3.3	4.5	91.2	8.8	91.2
1901.0	47.7	15.8	3.3	4.9	92.6	7.4	92.6
1901.5	47.5	15.8	3.4	5.0	91.6	8.4	91.6
1902.0	47.2	16.3	3.5	4.9	88.2	11.8	88.2
1902.5	47.7	16.7	3.6	4.8	85.4	14.6	85.4
1903.0	48.3	17.1	3.6	4.8	82.8	17.2	82.8
1903.5	48.9	16.7	3.7	4.7	83.7	16.3	83.7
1904.0	49.1	16.4	3.7	4.8	84.6	15.4	84.6
1904.5	49.1	16.1	3.8	4.9	85.6	14.4	85.6
1905.0	48.6	15.9	3.8	5.1	86.4	13.6	86.4
1905.5	49.1	15.4	3.9	5.2	88.3	11.7	88.3
1906.0	50.3	15.1	3.8	5.1	90.4	9.6	90.4
1906.5	51.8	15.0	3.8	5.0	91.3	8.7	91.3
1907.0	52.7	14.7	3.7	4.9	93.7	6.3	93.7
1907.5	53.0	14.4	3.7	4.9	95.2	4.8	95.2
1908.0	53.3	14.2	3.7	5.1	96.6	3.4	96.6
1908.5	53.3	14.0	3.8	5.1	97.3	2.7	97.3
1909.0	53.3	13.7	3.8	4.9	98.9	1.1	98.9
1909.5	53.3	14.0	3.8	4.7	96.4	3.6	96.4

OWLL

1924
1885.0
39.0

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1910.0	53.5	14.4	3.9	4.7	93.1	6.9	93.1
1910.5	53.9	15.0	4.0	4.7	89.2	10.8	89.2
1911.0	54.3	15.7	4.0	4.7	85.3	14.7	85.3
1911.5	55.3	16.2	4.0	4.8	82.8	17.2	82.8
1912.0	56.5	16.8	4.0	4.9	80.2	19.8	80.2
1912.5	59.3	17.4	4.0	5.0	77.5	22.5	77.5
1913.0	61.2	18.0	4.0	5.0	75.4	24.6	75.4
1913.5	62.7	18.4	4.0	4.9	73.8	26.2	73.8
1914.0	63.6	18.9	4.0	4.8	72.0	28.0	72.0
1914.5	64.5	18.7	4.0	4.6	72.9	27.1	72.9
1915.0	66.3	17.5	3.9	4.8	77.6	22.4	77.6
1915.5	68.4	16.2	3.9	5.0	83.8	16.2	83.8
1916.0	67.8	15.9	3.9	5.1	85.5	14.5	85.5
1916.5	67.2	16.6	3.8	4.6	82.8	17.2	82.8
1917.0	67.8	17.9	3.8	4.3	77.9	22.1	77.9
1917.5	70.1	19.0	3.7	4.6	74.7	25.3	74.7
1918.0	68.0	19.2	3.6	4.8	74.6	25.4	74.6
1918.5	64.9	19.3	3.6	4.6	74.5	25.5	74.5
1919.0	66.7	19.8	3.6	4.5	73.0	27.0	73.0
1919.5	63.4	19.6	3.6	4.6	73.6	26.4	73.6
1920.0	61.2	19.8	3.6	4.7	73.0	27.0	73.0
1920.5	61.5	19.5	3.6	4.6	73.8	26.2	73.8
1921.0	61.8	19.3	3.6	4.6	74.6	25.4	74.6
1921.5	61.8	19.1	3.6	5.0	75.2	24.8	75.2
1922.0	62.2	19.4	3.6	4.4	74.2	25.8	74.2
1922.5	62.7	19.6	3.6	4.0	73.5	26.5	73.5
1923.0	62.4	19.0	3.6	4.4	75.6	24.4	75.6
1923.5	60.7	17.9	3.6	4.8	79.8	20.2	79.8
1924.0	59.1	15.8	3.6	5.2	89.4	10.6	89.4
1924.5	58.6	10.4	3.6	5.1	100.0	0.0	100.0
1925.0	59.9	9.7	3.5	5.0	100.0	0.0	100.0
1925.5	61.1	10.3	3.5	4.8	100.0	0.0	100.0
1926.0	64.0	11.3	3.5	4.5	100.0	0.0	100.0
1926.5	66.3	11.4	3.5	4.4	100.0	0.0	100.0
1927.0	69.3	11.2	3.5	4.8	100.0	0.0	100.0
1927.5	68.5	11.2	3.5	4.8	100.0	0.0	100.0
1928.0	66.9	12.1	3.4	4.8	100.0	0.0	100.0
1928.5	64.4	14.2	3.4	4.6	100.0	0.0	100.0
1929.0	62.0	15.6	3.4	4.5	91.9	8.1	91.9
1929.5	60.0	16.1	3.4	4.4	89.6	10.4	89.6
1930.0	58.0	16.3	3.4	4.3	88.9	11.1	88.9
1930.5	54.8	16.2	3.4	4.3	89.4	10.6	89.4
1931.0	54.4	15.8	3.4	4.4	92.1	7.9	92.1
1931.5	55.4	15.0	3.4	4.4	96.3	3.7	96.3
1932.0	56.2	13.5	3.4	4.2	100.0	0.0	100.0

OWLL

CITIES SERVICE

MADISON # 6

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1932.5	57.0	12.5	3.4	4.2	100.0	0.0	100.0
1933.0	57.7	13.1	3.3	4.3	100.0	0.0	100.0
1933.5	58.8	13.6	3.3	4.3	100.0	0.0	100.0
1934.0	59.4	13.3	3.2	4.2	100.0	0.0	100.0
1934.5	59.8	12.6	3.2	4.1	100.0	0.0	100.0
1935.0	59.5	10.2	3.2	4.0	100.0	0.0	100.0
1935.5	57.9	9.2	3.2	4.0	100.0	0.0	100.0
1936.0	56.4	8.6	3.2	4.0	100.0	0.0	100.0
1936.5	55.3	8.2	3.2	4.1	100.0	0.0	100.0
1937.0	54.5	7.8	3.2	4.2	100.0	0.0	100.0
1937.5	53.8	11.5	3.1	4.3	100.0	0.0	100.0
1938.0	53.8	12.8	3.1	4.1	100.0	0.0	100.0
1938.5	55.5	14.7	3.1	4.0	100.0	0.0	100.0
1939.0	56.7	14.5	3.1	3.9	100.0	0.0	100.0
1939.5	58.6	14.5	3.2	3.9	100.0	0.0	100.0
1940.0	56.5	14.9	3.2	3.9	99.6	0.4	99.6
1940.5	51.0	15.1	3.2	4.3	98.5	1.5	98.5
1941.0	47.1	15.2	3.2	4.6	98.1	1.9	98.1
1941.5	44.3	15.4	3.2	4.3	96.7	3.3	96.7
1942.0	43.0	15.8	3.2	4.1	94.1	5.9	94.1
1942.5	45.5	16.5	3.2	3.9	90.1	9.9	90.1
1943.0	46.7	16.6	3.2	3.9	90.2	9.8	90.2
1943.5	47.1	16.6	3.2	3.9	90.9	9.1	90.9
1944.0	47.1	16.7	3.1	3.9	90.9	9.1	90.9
1944.5	48.6	17.0	3.1	3.9	90.0	10.0	90.0
1945.0	52.4	17.1	3.0	3.9	90.1	9.9	90.1
1945.5	50.9	16.2	3.0	3.8	94.9	5.1	94.9
1946.0	50.5	15.6	3.0	3.8	99.1	0.9	99.1
1946.5	48.0	15.8	2.9	3.9	98.2	1.8	98.2
1947.0	46.4	15.9	2.9	3.8	98.7	1.3	98.7
1947.5	47.1	15.7	2.9	3.7	100.0	0.0	100.0
1948.0	48.3	15.5	2.8	3.6	100.0	0.0	100.0
1948.5	49.0	15.0	2.8	3.6	100.0	0.0	100.0
1949.0	49.8	14.6	2.8	3.6	100.0	0.0	100.0
1949.5	50.4	14.6	2.8	3.7	100.0	0.0	100.0
1950.0	50.7	14.3	2.8	3.3	100.0	0.0	100.0
1950.5	51.0	13.4	2.7	3.1	100.0	0.0	100.0
1951.0	51.9	11.6	2.8	3.3	100.0	0.0	100.0
1951.5	51.5	7.6	2.8	3.5	100.0	0.0	100.0
1952.0	50.7	0.1	2.8	3.8	100.0	0.0	100.0
1952.5	53.4	0.1	2.9	3.9	100.0	0.0	100.0
1953.0	55.3	0.1	3.0	3.8	100.0	0.0	100.0
1953.5	60.7	0.1	3.2	3.6	100.0	0.0	100.0
1954.0	70.5	0.1	3.4	3.9	100.0	0.0	100.0
1954.5	78.7	0.1	3.7	4.2	100.0	0.0	100.0

O W L L

CITIES SERVICE

MADISON # 6

O W L L

DEPTH	GR	POR	RT	RXO	SXO	ROS	SW
1955.0	99.9	0.1	4.1	4.6	100.0	0.0	100.0
1955.5	103.8	0.1	4.4	5.1	100.0	0.0	100.0
1956.0	108.8	0.1	5.0	6.7	100.0	0.0	100.0
1956.5	110.3	0.1	5.2	8.6	100.0	0.0	100.0
1957.0	111.5	0.1	5.3	10.3	100.0	0.0	100.0
1957.5	105.9	0.1	5.4	7.1	100.0	0.0	100.0
1958.0	102.6	0.1	5.3	6.2	100.0	0.0	100.0
1958.5	99.4	0.1	5.2	5.4	100.0	0.0	100.0
1959.0	97.9	0.1	5.0	5.1	100.0	0.0	100.0
1959.5	100.0	0.1	4.8	4.6	100.0	0.0	100.0
1960.0	103.1	0.1	4.7	4.1	100.0	0.0	100.0
1960.5	106.6	0.1	4.6	4.3	100.0	0.0	100.0
1961.0	109.6	0.1	4.5	4.8	100.0	0.0	100.0
1961.5	114.2	0.1	4.5	5.2	100.0	0.0	100.0
1962.0	117.0	0.0	4.4	5.7	100.0	0.0	100.0
1962.5	121.3	0.0	4.3	5.1	100.0	0.0	100.0
1963.0	126.7	0.0	4.3	4.8	100.0	0.0	100.0
1963.5	131.5	0.0	4.3	4.4	100.0	0.0	100.0
1964.0	130.0	0.0	4.3	4.3	100.0	0.0	100.0
1964.5	122.3	0.0	4.3	4.2	100.0	0.0	100.0
1965.0	117.7	0.0	4.3	4.2	100.0	0.0	100.0
1965.5	117.1	0.0	4.4	4.3	100.0	0.0	100.0
1966.0	117.5	0.0	4.4	4.5	100.0	0.0	100.0
1966.5	116.5	0.0	4.5	4.6	100.0	0.0	100.0
1967.0	114.5	0.1	4.6	4.8	100.0	0.0	100.0
1967.5	112.3	0.1	4.7	5.1	100.0	0.0	100.0
1968.0	113.8	0.1	4.8	5.7	100.0	0.0	100.0
1968.5	116.4	0.0	4.9	5.9	100.0	0.0	100.0
1969.0	118.5	0.0	5.0	5.9	100.0	0.0	100.0
1969.5	119.5	0.0	4.9	5.7	100.0	0.0	100.0
1970.0	119.5	0.0	4.9	5.2	100.0	0.0	100.0

CITIES SERVICE OIL COMPANY
MADISON NO. 6

OWLL

DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1733.0	0.	100.	2.7	1.0	43.	0.03	0.00
1734.0	0.	100.	4.9	1.0	31.	0.07	0.00
1735.0	0.	100.	6.1	1.0	22.	0.13	0.00
1736.0	0.	100.	3.6	1.0	32.	0.17	0.00
1737.0	0.	100.	3.1	1.0	41.	0.21	0.00
1738.0	0.	100.	3.4	1.0	37.	0.24	0.00
1739.0	0.	100.	3.9	1.0	41.	0.28	0.00
1742.0	0.	100.	2.3	1.0	48.	0.36	0.00
1743.0	0.	100.	3.0	1.0	47.	0.38	0.00
1744.0	0.	100.	3.8	1.0	43.	0.42	0.00
1745.0	0.	100.	4.3	1.0	39.	0.46	0.00
1746.0	0.	100.	4.1	1.0	39.	0.50	0.00
1747.0	0.	100.	3.6	1.0	43.	0.54	0.00
1748.0	0.	100.	4.0	1.0	41.	0.58	0.00
1749.0	0.	100.	4.2	1.0	36.	0.62	0.00
1750.0	0.	100.	4.2	1.0	33.	0.66	0.00
1751.0	0.	100.	4.1	1.0	25.	0.70	0.00
1752.0	0.	100.	3.3	1.0	29.	0.74	0.00
1753.0	0.	100.	3.0	1.0	33.	0.77	0.00
1775.0	0.	100.	2.4	1.0	47.	1.10	0.00
1776.0	0.	100.	2.5	1.0	29.	1.13	0.00
1777.0	0.	100.	1.6	1.0	26.	1.15	0.00
1778.0	0.	100.	2.1	1.0	25.	1.17	0.00
1779.0	0.	100.	2.3	1.0	29.	1.19	0.00
1780.0	0.	100.	1.0	1.0	34.	1.21	0.00
1781.0	0.	100.	0.1	1.0	40.	1.21	0.00
1782.0	0.	100.	0.1	1.0	45.	1.21	0.00
1790.0	0.	100.	0.1	1.0	44.	1.21	0.00
1791.0	0.	100.	0.3	1.0	42.	1.21	0.00
1792.0	0.	100.	0.6	1.0	38.	1.22	0.00
1793.0	0.	100.	1.3	1.0	35.	1.23	0.00
1794.0	0.	100.	2.5	1.0	32.	1.25	0.00
1795.0	0.	100.	2.7	1.0	33.	1.28	0.00
1796.0	0.	100.	1.8	1.0	36.	1.30	0.00
1797.0	0.	100.	1.3	1.0	42.	1.31	0.00
1798.0	0.	100.	2.4	1.0	44.	1.33	0.00
1813.0	0.	100.	1.0	1.0	48.	1.57	0.00
1816.0	0.	100.	0.8	1.0	43.	1.60	0.00
1817.0	0.	100.	1.1	1.0	36.	1.60	0.00
1818.0	0.	100.	1.4	1.0	34.	1.62	0.00
1819.0	0.	100.	1.4	1.0	33.	1.63	0.00
1820.0	0.	100.	2.0	1.0	32.	1.65	0.00
1821.0	0.	100.	2.1	1.0	34.	1.68	0.00
1822.0	0.	100.	2.1	1.0	39.	1.70	0.00

O W L L

CITIES SERVICE OIL COMPANY
MADISON NO. 6

DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1823.0	0.	100.	1.0	1.0	43.	1.71	0.00
1824.0	0.	100.	1.1	1.0	43.	1.72	0.00
1825.0	0.	100.	1.5	1.0	43.	1.73	0.00
1826.0	0.	100.	2.2	1.0	44.	1.75	0.00
1827.0	0.	100.	2.8	1.0	44.	1.78	0.00
1828.0	0.	100.	2.5	1.0	48.	1.80	0.00
1829.0	0.	100.	3.1	1.0	42.	1.83	0.00
1830.0	0.	100.	2.8	1.0	47.	1.86	0.00
1834.0	0.	100.	4.8	1.0	39.	1.99	0.00
1835.0	0.	100.	5.6	1.0	41.	2.05	0.00
1836.0	0.	100.	6.0	1.0	44.	2.10	0.00
1837.0	1.	100.	10.2	1.0	35.	2.19	0.00
1838.0	2.	100.	11.5	1.0	13.	2.31	0.00
1839.0	2.	100.	11.8	1.0	6.	2.43	0.00
1840.0	2.	100.	11.4	1.0	6.	2.54	0.00
1841.0	1.	100.	10.3	1.0	10.	2.65	0.00
1842.0	1.	100.	9.0	1.0	17.	2.74	0.00
1852.0	0.	100.	0.4	1.0	42.	2.82	0.00
1853.0	0.	100.	1.6	1.0	36.	2.83	0.00
1854.0	0.	100.	3.6	1.0	34.	2.86	0.00
1855.0	0.	100.	1.8	1.0	37.	2.89	0.00
1856.0	0.	100.	0.4	1.0	40.	2.89	0.00
1857.0	0.	100.	1.3	1.0	41.	2.90	0.00
1858.0	0.	100.	1.8	1.0	42.	2.92	0.00
1859.0	0.	100.	1.2	1.0	44.	2.94	0.00
1860.0	0.	100.	0.1	1.0	49.	2.94	0.00
1864.0	0.	100.	0.1	1.0	49.	2.94	0.00
1865.0	0.	100.	2.1	1.0	41.	2.96	0.00
1866.0	0.	100.	2.7	1.0	37.	2.98	0.00
1867.0	0.	100.	4.6	1.0	32.	3.02	0.00
1868.0	0.	100.	4.5	1.0	31.	3.07	0.00
1869.0	0.	100.	2.2	1.0	35.	3.10	0.00
1870.0	0.	100.	2.4	1.0	39.	3.12	0.00
1871.0	0.	100.	2.7	1.0	47.	3.15	0.00
1872.0	0.	100.	1.3	1.0	48.	3.16	0.00
1873.0	0.	100.	2.6	1.0	46.	3.18	0.00
1874.0	0.	100.	3.3	1.0	41.	3.21	0.00
1875.0	0.	100.	3.4	1.0	40.	3.25	0.00
1876.0	0.	100.	4.1	1.0	35.	3.29	0.00
1877.0	0.	100.	5.5	1.0	29.	3.34	0.00
1878.0	0.	100.	4.4	1.0	28.	3.39	0.00
1879.0	0.	100.	5.2	1.0	29.	3.43	0.00
1880.0	0.	100.	6.3	1.0	32.	3.50	0.00
1881.0	1.	100.	9.5	1.0	27.	3.59	0.00
1882.0	1.	95.	10.6	1.0	25.	3.69	0.00
1883.0	1.	91.	10.9	1.0	23.	3.80	0.01
1884.0	1.	100.	9.6	1.0	25.	3.89	0.01

OWLL

CITIES SERVICE OIL COMPANY
MADISON NO. 6

DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1885.0	1.	95.	10.4	1.0	23.	3.99	0.02
1886.0	1.	92.	10.8	1.0	21.	4.10	0.02
1887.0	1.	98.	10.1	1.0	20.	4.20	0.03
1888.0	1.	99.	10.0	1.0	21.	4.30	0.03
1889.0	2.	91.	11.1	1.0	22.	4.41	0.03
1890.0	2.	89.	11.5	1.0	24.	4.52	0.05
1891.0	7.	68.	15.6	1.0	15.	4.67	0.09
1892.0	6.	70.	15.4	1.0	13.	4.83	0.13
1893.0	4.	77.	14.1	1.0	10.	4.97	0.17
1894.0	5.	76.	14.8	1.0	7.	5.11	0.20
1895.0	22.	58.	20.5	0.7	2.	5.31	0.28
1896.0	21.	64.	20.1	0.8	2.	5.51	0.36
1897.0	18.	71.	19.4	1.0	3.	5.71	0.42
1898.0	20.	73.	20.1	1.0	2.	5.91	0.48
1899.0	13.	81.	18.3	1.0	5.	6.10	0.51
1900.0	10.	88.	16.9	1.0	5.	6.27	0.54
1901.0	7.	93.	15.8	1.0	6.	6.43	0.55
1902.0	8.	88.	16.3	1.0	4.	6.59	0.57
1903.0	10.	83.	17.1	1.0	4.	6.76	0.59
1904.0	8.	85.	16.4	1.0	5.	6.92	0.62
1905.0	7.	86.	15.9	1.0	4.	7.08	0.64
1906.0	6.	90.	15.1	1.0	5.	7.23	0.66
1907.0	5.	94.	14.7	1.0	8.	7.38	0.67
1908.0	4.	97.	14.2	1.0	8.	7.53	0.68
1909.0	4.	99.	13.7	1.0	9.	7.66	0.68
1910.0	5.	93.	14.4	1.0	8.	7.81	0.69
1911.0	7.	85.	15.7	1.0	7.	7.96	0.71
1912.0	9.	80.	16.8	1.0	8.	8.12	0.74
1913.0	12.	75.	18.0	1.0	8.	8.30	0.78
1914.0	16.	72.	18.9	1.0	9.	8.49	0.83
1915.0	11.	78.	17.5	1.0	18.	8.67	0.87
1916.0	7.	85.	15.9	1.0	20.	8.83	0.90
1917.0	12.	78.	17.9	1.0	20.	9.00	0.93
1918.0	17.	75.	19.2	1.0	20.	9.19	0.98
1919.0	19.	73.	19.8	1.0	13.	9.39	1.03
1920.0	19.	73.	19.8	1.0	6.	9.59	1.08
1921.0	17.	75.	19.3	1.0	3.	9.78	1.13
1922.0	18.	74.	19.4	1.0	4.	9.97	1.18
1923.0	16.	76.	19.0	1.0	6.	10.17	1.23
1924.0	7.	89.	15.8	1.0	10.	10.33	1.26
1925.0	1.	100.	9.7	1.0	14.	10.44	1.26
1926.0	2.	100.	11.3	1.0	14.	10.54	1.26
1927.0	2.	100.	11.2	1.0	18.	10.66	1.26
1928.0	2.	100.	12.1	1.0	16.	10.77	1.26
1929.0	7.	92.	15.6	1.0	9.	10.92	1.27
1930.0	8.	89.	16.3	1.0	6.	11.08	1.28
1931.0	7.	92.	15.8	1.0	4.	11.24	1.30
1932.0	4.	100.	13.5	1.0	7.	11.39	1.30
1933.0	3.	100.	13.1	1.0	7.	11.51	1.30
1934.0	3.	100.	13.3	1.0	7.	11.65	1.30

CITIES SERVICE OIL COMPANY
MADISON NO. 6

OWLL

DEPTH	PERM. INDEX MD	WATER SAT. %	POROSITY %	DENSITY HYCARB GM/CC	CLAY %	CUM POR. FEET	CUM. HYCARB FEET
1935.0	1.	100.	10.2	1.0	9.	11.76	1.30
1936.0	1.	100.	8.6	1.0	9.	11.85	1.30
1937.0	0.	100.	7.8	1.0	9.	11.93	1.30
1938.0	3.	100.	12.8	1.0	7.	12.05	1.30
1939.0	5.	100.	14.5	1.0	6.	12.20	1.30
1940.0	6.	100.	14.9	1.0	5.	12.35	1.30
1941.0	6.	98.	15.2	1.0	3.	12.50	1.30
1942.0	7.	94.	15.8	1.0	2.	12.65	1.31
1943.0	9.	90.	16.6	1.0	1.	12.82	1.33
1944.0	9.	91.	16.7	1.0	1.	12.98	1.34
1945.0	10.	90.	17.1	1.0	1.	13.15	1.36
1946.0	7.	99.	15.6	1.0	3.	13.31	1.36
1947.0	7.	99.	15.9	1.0	2.	13.47	1.37
1948.0	7.	100.	15.5	1.0	2.	13.63	1.37
1949.0	5.	100.	14.6	1.0	2.	13.78	1.37
1950.0	5.	100.	14.3	1.0	3.	13.92	1.37
1951.0	2.	100.	11.6	1.0	5.	14.05	1.37
1952.0	0.	100.	0.1	1.0	12.	14.08	1.37
1953.0	0.	100.	0.1	1.0	14.	14.09	1.37
1954.0	0.	100.	0.1	1.0	26.	14.09	1.37

Dresser Atlas

