

MC-NO-2  
 UC-224 0103

9-100-206

HAZEN RESEARCH INC.  
 OIL SHALE ASSAY REPORT  
 SAI HOLE MC-2 HRI 20659

HAZEN ASSAY NO.	SAMPLE START FT.	DEPTH FINISH FT.	OIL YIELD (GPT)	OIL SPECIFIC GRAVITY	WATER YIELD (GPT)	RESIDUE WEIGHT (LBS/TON)	GAS+LOSS (LBS/TON)
1	1788.00	1789.00	14.5	0.9080	2.2	1832	39
2	1789.00	1790.00	15.2	0.8980	2.2	1852	15
3	1790.00	1791.00	26.2	0.8790	1.7	1779	14
4	1791.00	1792.00	18.9	0.8980	2.4	1776	61
5	1792.00	1793.00	20.8	0.8980	2.6	1770	52
6	1793.00	1794.00	26.2	0.8890	2.9	1750	31
7	1794.00	1795.00	6.2	0.9030	2.6	1912	19
8	1795.00	1796.00	4.9	0.9000	3.6	1904	29
9	1796.00	1797.00	5.3	0.9000	5.2	1874	41
10	1797.00	1798.00	2.2	0.9030	7.1	1890	33
11	1798.00	1799.00	5.8	0.9180	4.1	1900	21
12	1799.00	1800.00	6.9	0.9030	5.0	1872	33
13	1800.00	1801.00	3.4	0.9030	6.7	1912	6
14	1801.00	1802.00	2.4	0.9000	4.8	1920	21
15	1802.00	1803.00	1.5	0.9000	6.0	1924	14
16	1803.00	1804.00	1.8	0.9000	5.7	1930	8
17	1804.00	1805.00	2.6	0.9030	5.3	1920	16
18	1805.00	1806.00	14.5	0.8980	4.1	1810	47
19	1806.00	1807.00	13.5	0.8980	4.8	1830	28
20	1807.00	1808.00	28.2	0.8890	4.3	1708	46
21	1808.00	1809.00	16.3	0.9030	3.1	1824	26
22	1809.00	1810.00	10.7	0.8980	1.7	1848	57
23	1810.00	1811.00	16.1	0.8940	2.4	1816	43
24	1811.00	1812.00	23.4	0.9030	2.9	1745	55
25	1812.00	1813.00	27.4	0.8940	2.4	1728	47
26	1813.00	1814.00	43.1	0.8840	2.9	1584	74
27	1814.00	1815.00	22.9	0.8840	2.6	1780	29
28	1815.00	1816.00	16.6	0.8890	3.6	1814	31
29	1816.00	1817.00	10.4	0.8940	3.6	1874	18
30	1817.00	1818.00	12.6	0.9030	3.6	1848	26
31	1818.00	1819.00	23.0	0.8980	2.9	1766	36
32	1819.00	1820.00	12.6	0.9080	2.4	1847	37
33	1820.00	1821.00	10.2	0.9030	2.6	1886	15
34	1821.00	1822.00	11.8	0.8980	2.4	1861	30
35	1822.00	1823.00	11.9	0.9180	2.1	1861	29
36	1823.00	1824.00	8.5	0.9130	3.1	1906	2
37	1824.00	1825.00	10.9	0.8840	3.1	1876	17
38	1825.00	1826.00	8.3	0.8980	2.9	1886	27
39	1826.00	1827.00	8.5	0.8790	2.4	1906	11
40	1827.00	1828.00	13.6	0.8840	2.6	1858	19
41	1828.00	1829.00	15.3	0.8790	1.9	1789	82
42	1829.00	1830.00	52.5	0.9220	3.6	1472	93
43	1830.00	1831.00	32.5	0.8980	3.6	1664	62
44	1831.00	1832.00	24.7	0.8790	1.9	1792	10
45	1832.00	1833.00	26.3	0.8840	1.9	1741	49

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46	1833.00	1834.00	30.0	0.8840	2.4	1716	41
47	1834.00	1835.00	18.9	0.8940	3.3	1824	6
48	1835.00	1836.00	18.2	0.8890	1.7	1821	29
49	1836.00	1837.00	26.2	0.9130	3.1	1718	55
50	1837.00	1838.00	41.1	0.8980	3.3	1597	67
51	1838.00	1839.00	39.6	0.8980	3.3	1625	50
52	1839.00	1840.00	20.8	0.9130	2.4	1796	25
53	1840.00	1841.00	31.3	0.9030	2.4	1697	46
54	1841.00	1842.00	18.4	0.9180	1.9	1790	52
55	1842.00	1843.00	44.7	0.8890	6.7	1553	58
56	1843.00	1844.00	26.1	0.9000	4.7	1690	73
57	1844.00	1845.00	27.0	0.8840	4.8	1722	38
58	1845.00	1846.00	17.6	0.8890	2.9	1826	19
59	1846.00	1847.00	13.5	0.8980	4.8	1808	50
60	1847.00	1848.00	36.7	0.9080	4.5	1601	82
61	1848.00	1849.00	20.5	0.9030	3.1	1776	43
62	1849.00	1850.00	8.5	0.8980	6.0	1866	20
63	1850.00	1851.00	13.0	0.9080	2.9	1850	27
64	1851.00	1852.00	13.1	0.9080	4.8	1844	16
65	1852.00	1853.00	25.7	0.8890	4.1	1738	37
66	1853.00	1854.00	40.7	0.9030	4.1	1582	77
67	1854.00	1855.00	26.7	0.8940	1.7	1748	38
68	1855.00	1856.00	35.2	0.8840	3.6	1674	35
69	1856.00	1857.00	25.9	0.8890	4.6	1716	54
70	1857.00	1858.00	15.3	0.8980	3.8	1838	14
71	1858.00	1859.00	8.8	0.9030	5.7	1880	5
72	1859.00	1860.00	16.2	0.8890	3.6	1812	37
73	1860.00	1861.00	14.7	0.8940	3.8	1852	6
74	1861.00	1862.00	8.0	0.8840	4.8	1854	46
75	1862.00	1863.00	3.3	0.9000	4.8	1934	1
76	1863.00	1864.00	6.3	0.9030	3.6	1916	6
77	1864.00	1865.00	10.2	0.8980	4.3	1866	21
78	1865.00	1866.00	4.8	0.9030	4.3	1912	15
79	1866.00	1867.00	12.9	0.9080	4.8	1838	24
80	1867.00	1868.00	22.1	0.9130	3.3	1760	43
81	1868.00	1869.00	6.0	0.9080	4.8	1871	43
82	1869.00	1870.00	6.4	0.8980	3.6	1900	22
83	1870.00	1871.00	10.2	0.8980	3.6	1855	38
84	1871.00	1872.00	32.2	0.9030	4.8	1640	77
85	1872.00	1873.00	12.9	0.9180	4.8	1846	15
86	1873.00	1874.00	4.9	0.9030	4.3	1918	9
87	1874.00	1875.00	2.9	0.9030	3.6	1940	8
88	1875.00	1876.00	1.8	0.9030	3.6	1948	8
89	1876.00	1877.00	1.3	0.9030	4.3	1948	6
90	1877.00	1878.00	4.8	0.9030	6.9	1902	3

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91	1878.00	1879.00	23.6	0.9080	6.9	1728	34
92	1879.00	1880.00	15.2	0.8980	5.3	1818	23
93	1880.00	1881.00	16.4	0.8980	5.0	1799	36
94	1881.00	1882.00	13.8	0.9130	6.0	1832	12
95	1882.00	1883.00	6.2	0.9130	6.4	1863	36
96	1883.00	1884.00	4.7	0.9030	3.3	1930	6
97	1884.00	1885.00	2.8	0.9030	2.9	1922	32
98	1885.00	1886.00	2.2	0.9030	3.6	1946	7
99	1886.00	1887.00	3.3	0.9030	3.1	1932	17
100	1887.00	1888.00	3.1	0.9030	3.4	1936	12
101	1888.00	1889.00	2.3	0.9030	2.9	1934	24
102	1889.00	1890.00	2.1	0.9030	2.6	1946	16
103	1890.00	1891.00	5.5	0.9030	5.0	1880	35
104	1891.00	1892.00	0.7	0.9030	1.9	1974	4
105	1892.00	1893.00	1.7	0.9030	2.4	1948	19
106	1893.00	1894.00	3.5	0.9030	5.9	1907	16
107	1894.00	1895.00	3.2	0.9030	6.0	1904	21
108	1895.00	1896.00	3.3	0.9030	5.2	1924	6
109	1896.00	1897.00	1.6	0.9030	4.5	1940	9
110	1897.00	1898.00	2.3	0.9030	4.8	1926	16
111	1898.00	1899.00	0.4	0.9030	4.8	1938	19
112	1899.00	1900.00	0.3	0.9030	3.8	1958	7