



THE OIL SHALE CORPORATION
ROCKY FLATS RESEARCH CENTER

Sample Shell 22X-12

Date June 11, 1974

Source _____

Oil Shale Assay Report

8 10 9 TABLE 5

7

Page 1 of 6

Sample	Fischer Assay No.	Oil Yield		Water Yield		Residue lbs/ton	Gas + Loss lbs/ton	Na wt. %	Al ₂ O ₃ wt. %	
		gal/ton	S.G.	gal/ton	S.G.					
1814 - 1815	1830	3.8	.9127	1.0	(1)	1952	10			
1815 - 1816	2263	3.0	.9100	1.1		1957	11			
1816 - 1817	1832	4.2	.9001	0.7		1951	11			
1817 - 1818	1833	3.5	.9071	1.2		1956	8			
1818 - 1819	MISSING									
1819 - 1820	(2)	19.1	.9012	1.0		1822	27			
1820 - 1821	1700	17.2	.9062	1.1		1860	1			
1821 - 1822	1856	19.1	.9106	1.8		1810	30			
1822 - 1823	1835	45.9	.9001	1.3		1588	56			
1823 - 1824	1836	18.9	.9078	1.2		1816	31			
1824 - 1825	1837	18.0	.9071	1.1		1822	33			
1825 - 1826	1838	15.6	.8812	1.1		1852	23			
1826 - 1827	1839	26.9	.9136	1.3		1743	41			
1827 - 1828	MISSING									
1828 - 1829	MISSING									
1829 - 1830	1840	29.9	.9082	1.6		1568	192			
1830 - 1831	1841	44.8	.8935	1.2		1619	37			
1831 - 1832	1842	43.1	.8913	1.0		1661	11			
1832 - 1833	(2)	41.5	.8952	1.4		1606	74			
1833 - 1834	1844	28.2	.8985	1.1		1746	33			

Remarks: (1) Assumed as one.

(2) Average of duplicate analyses.

Signed

Date

Goodfellow
6-26-74



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Page 2 of 6

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		gal/ton	S.G.	gal/ton	S.G.					
1834 - 1835	1845	22.4	.8963	1.1	(1)	1792	31			
1835 - 1836	1846	20.1	.9041	1.0		1813	28			
1836 - 1837	1847	16.5	.9129	1.0		1841	25			
1837 - 1838	(2)	12.3	.9170	0.7		1874	27			
1838 - 1839	1849	16.3	.9123	0.9		1842	26			
1839 - 1840	1850	21.6	.9107	1.0		1796	32			
1840 - 1841	1851	14.5	.9109	0.9		1861	22			
1841 - 1842	1852	11.1	.9057	0.7		1894	16			
1842 - 1843	1853	16.6	.9156	0.9		1884	19			
1843 - 1844	1854	10.5	.9063	0.9		1892	20			
1844 - 1845	1855	9.7	.9138	0.9		1899	19			
1845 - 1846	1857	9.6	.9106	0.6		1906	16			
1846 - 1847	1858	12.7	.8965	0.7		1881	18			
1847 - 1848	1859	15.3	.9025	0.6		1860	20			
1848 - 1849	1860	47.5	.9081	1.6		1564	63			
1849 - 1850	1861	46.5	.9149	1.8		1564	66			
1850 - 1851	1862	22.3	.8983	1.0		1790	34			
1851 - 1852	(2)	19.8	.9029	1.0		1795	49			
1852 - 1853	1864	35.2	.9057	1.5		1685	37			
1853 - 1854	1865	30.5	.9007	1.1		1712	49			

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(2) Average of duplicate analyses.

Signed *Shirley*
Date 6-26-74



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		gal/ton	S.G.	gal/ton	S.G.					
1854 - 1855	1866	63.0	.8990	2.5	(1)	1416	90			
1855 - 1856	1867	39.6	.9010	1.3		1653	38			
1856 - 1857.3	1868	57.0	.9035	3.2		1459	84			
1857.3 - 1858.7	MISSING	USE CSM ASSAY								
1858.7 - 1860	1869	54.7	.8989	2.6		1496	71			
1860 - 1861	1870	54.8	.8961	1.8		1507	68			
1861 - 1862	(2)	53.8	.9117	1.7		1490	88			
1862 - 1863	1949	23.6	.9196	1.0		1774	37			
1863 - 1864	1873	36.7	.9125	1.3		1679	30			
1864 - 1865	1874	39.6	.9070	1.2		1658	33			
1865 - 1866	2129	38.2	.9107	0.9		1654	48			
1866 - 1867	1876	40.7	.9008	1.5		1622	60			
1867 - 1868	1877	57.3	.8982	2.0		1477	77			
1868 - 1869	1878	61.5	.8612	1.9		1462	80			
1869 - 1870	1879	28.8	.8909	1.3		1735	40			
1870 - 1871	1880	21.2	.8882	1.0		1801	33			
1871 - 1872	1881	27.9	.8813	1.0		1752	34			
1872 - 1873	1882	41.6	.9048	1.3		1617	58			
1873 - 1874	1883	21.6	.8972	1.0		1802	28			
1874 - 1875	1884	15.6	.8985	0.9		1849	26			

Remarks: (1) Assumed as one.

(2) Average of duplicate analyses.

Signed

Date

[Signature]
6-26-74



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		gal/ton	S.G.	gal/ton	S.G.					
1875 - 1876	1885	27.4	.9001	1.1	(1)	1746	39			
1876 - 1877	1886	36.4	.9166	1.4		1658	52			
1877 - 1878	1887	16.3	.9131	1.1		1840	26			
1878 - 1879	1888	18.3	.9567	0.8		1824	23			
1879 - 1880	1889	14.0	.8929	1.0		1867	20			
1880 - 1881	1890	31.8	.8922	1.0		1719	36			
1881 - 1882	1891	41.8	.8928	0.9		1629	52			
1882 - 1883	1892	33.1	.8928	1.1		1659	43			
1883 - 1884	1893	29.5	.8915	1.1		1737	34			
1884 - 1885	1894	24.9	.9041	1.2		1769	33			
1885 - 1886	1895	44.9	.8976	1.4		1597	55			
1886 - 1887	1896	39.1	.8960	1.3		1648	49			
1887 - 1888	1897	24.2	.8972	1.2		1775	34			
1888 - 1889	1898	21.5	.9061	1.3		1795	32			
1889 - 1890	1899	16.8	.9085	0.8		1842	24			
1890 - 1891	1900	9.0	.9233	1.0		1902	21			
1891 - 1892	1901	15.2	.9108	1.1		1851	24			
1892 - 1893	1902	29.1	.9166	1.4		1723	42			
1893 - 1894	1903	11.5	.9233	0.9		1883	21			
1894 - 1895	1904	13.3	.8988	0.9		1876	17			

Remarks: (1) Assumed as one.

Signed

Date

Shodfellow
16-26-74

