

THE OIL SHALE CORPORATION
ROCKY FLATS RESEARCH CENTER
OIL SHALE ASSAY REPORT
UTAH STATE 23-36

TOSCO 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)
6666	1353.00	1354.00	14.3	0.9135	2.0	1845	28
6667	1354.00	1355.00	14.6	0.9062	1.7	1851	23
6668	1355.00	1356.00		0.8959	1.4	1874	55
6669	1356.00	1357.00	30.5	0.9065	1.7	1709	45
6670	1357.00	1358.00	24.4	0.8988	2.0	1763	36
6671	1358.00	1359.00	16.4	0.8947	1.7	1832	31
6672	1359.00	1360.00	31.9	0.9007	2.9	1689	46
6673	1360.00	1361.00	13.3	0.9060	2.2	1858	23
6674	1361.00	1362.00	5.9	0.9009	2.3	1919	16
6675	1362.00	1363.00	5.7	0.8213	2.8	1924	13
6676	1363.00	1364.00	3.4	0.9142	2.9	1917	33
6677	1364.00	1365.00	2.5	0.9142	5.1	1922	15
6678	1365.00	1366.00	7.5	0.9135	1.9	1910	15
6679	1366.00	1367.00	4.2	0.9162	2.9	1928	15
6680	1367.00	1368.00	4.2	0.9162	1.9	1936	15
6681	1368.00	1369.00	3.0	0.9088	2.4	1948	9
6682	1369.00	1370.00	2.1	0.9088	2.2	1956	9
6683	1370.00	1371.00	1.9	0.9088	2.3	1958	8
6684	1371.00	1372.00	2.2	0.8992	2.4	1952	10
6685	1372.00	1373.00	8.7	0.8992	2.7	1895	17
1373.00 1374.00 M I S S I N G C O R R E							
6686	1374.00	1375.00	17.9	0.8862	2.7	1812	32
6687	1375.00	1376.00	27.8	0.8962	2.0	1738	36
6688	1376.00	1377.00	16.6	0.9005	1.9	1830	28
6738	1377.00	1378.00	11.5	0.9072	1.8	1880	18
6739	1378.00	1379.00	17.1	0.9020	1.4	1837	22
6740	1379.00	1380.00	24.2	0.9050	2.0	1742	57
6741	1380.00	1381.00	25.6	0.9121	1.8	1755	34
6742	1381.00	1382.00	41.6	0.8959	2.4	1569	99
6743	1382.00	1383.00	35.6	0.9082	1.7	1665	50
6744	1383.00	1384.00	17.7	0.9062	2.6	1811	32
6745	1384.00	1385.00	11.7	0.9109	2.6	1864	24
6746	1385.00	1386.00	12.0	0.9153	2.3	1867	22
6747	1386.00	1387.00	19.1	0.9083	2.4	1805	29
6748	1387.00	1388.00	8.9	0.9058	2.1	1895	19
6749	1388.00	1389.00	12.6	0.9166	1.8	1864	23
6750	1389.00	1390.00	11.1	0.9005	1.6	1878	25
6751	1390.00	1391.00	9.8	0.9116	1.7	1888	22
6752	1391.00	1392.00	7.5	0.9071	1.8	1906	21
6753	1392.00	1393.00	11.7	0.8929	1.2	1888	14
6754	1393.00	1394.00		0.9052	3.6	1687	36
6755	1394.00	1395.00	22.9	0.8990	2.6	1770	37
6756	1395.00	1396.00	19.1	0.9012	3.1	1797	33
6757	1396.00	1397.00	17.3	0.8977	2.7	1813	34
6758	1397.00	1398.00	36.4	0.9090	2.4	1656	47

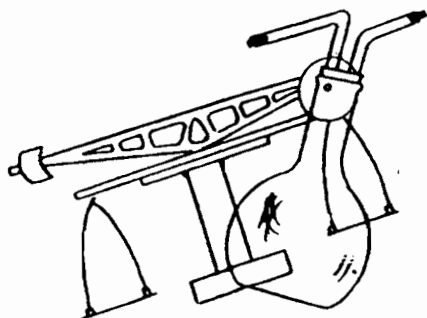
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6759	1398.00	1399.00	41.4	0.8991	2.9	1613	51
6760	1399.00	1400.00	66.0	0.8985	4.1	1359	111
6761	1400.00	1401.00	65.4	0.9136	5.2	1271	186
6762	1401.00	1402.00	64.9	0.8914	7.3	1307	149
6763	1402.00	1403.00	50.7	0.8995	3.2	1497	95
6764	1403.00	1404.00	58.6	0.9079	3.8	1417	106
6765	1404.00	1405.00	27.4	0.9042	2.3	1725	48
6766	1405.00	1406.00	20.5	0.9086	2.7	1786	35
6767	1406.00	1407.00	35.3	0.9107	2.0	1672	42
6768	1407.00	1408.00	40.6	0.9168	2.3	1620	49
6769	1408.00	1409.00	17.4	0.9158	2.2	1825	23
6770	1409.00	1410.00	33.6	0.9088	2.1	1690	37
6771	1410.00	1411.00	44.8	0.8941	2.3	1573	73
6772	1411.00	1412.00	42.9	0.8896	2.6	1582	77
6773	1412.00	1413.00	27.6	0.8861	1.7	1745	37
6774	1413.00	1414.00	37.8	0.8894	2.1	1660	42
6775	1414.00	1415.00	13.8	0.8983	2.4	1848	27
6776	1415.00	1416.00	24.7	0.9118	2.9	1751	36
6777	1416.00	1417.00	45.0	0.9035	2.9	1583	53
6778	1417.00	1418.00	13.8	0.9011	2.9	1846	25
6779	1418.00	1419.00	9.0	0.9050	3.2	1881	23
6780	1419.00	1420.00	11.3	0.9009	2.4	1871	23
6781	1420.00	1421.00	14.8	0.8845	2.6	1842	25
6782	1421.00	1422.00	28.7	0.8945	1.9	1727	42
6783	1422.00	1423.00	34.5	0.8737	2.1	1659	71
6784	1423.00	1424.00	34.4	0.8791	1.7	1696	37
6785	1424.00	1425.00	25.8	0.8865	1.8	1765	29
6786	1425.00	1426.00	39.7	0.8831	2.8	1639	45
6787	1426.00	1427.00	35.2	0.8904	2.2	1662	58
6788	1427.00	1428.00	21.2	0.8943	2.9	1786	31
6789	1428.00	1429.00	14.1	0.8920	2.4	1857	17
6790	1429.00	1430.00	8.3	0.9045	2.9	1894	18
6791	1430.00	1431.00	14.8	0.9117	2.6	1834	30
6792	1431.00	1432.00	25.9	0.8944	2.6	1753	32
6793	1432.00	1433.00	10.8	0.9014	2.1	1885	15
6794	1433.00	1434.00	7.5	0.9015	2.4	1906	17
6795	1434.00	1435.00	3.8	0.9015	2.4	1938	13
6796	1435.00	1436.00	5.5	0.9015	2.0	1927	14
6797	1436.00	1437.00	13.1	0.9017	2.2	1862	20
	1437.00	1438.00	M I S S I N G C O R E				
6799	1438.00	1439.00	6.6	0.8932	5.0	1897	12
6800	1439.00	1440.00	23.3	0.9069	3.0	1769	29
6801	1440.00	1441.00	17.0	0.9142	2.6	1820	28
6802	1441.00	1442.00	6.8	0.9056	3.4	1904	15
6803	1442.00	1443.00	17.3	0.9034	2.6	1821	26

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6804	1443.00	1444.00	34.5	0.9230	3.4	1668	37
6805	1444.00	1445.00	5.6	0.9134	3.5	1915	12
6806	1445.00	1446.00	3.2	0.9135	1.6	1953	8
6807	1446.00	1447.00	2.6	0.9135	3.1	1945	8
6808	1447.00	1448.00	2.5	0.9135	2.9	1949	7

OK,



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115
PHONE 485-5761

DATE: 12/16/80

CERTIFICATE OF ANALYSIS

TOSCO CORPORATION
BOX 814
VERNAL, UTAH
84078

80-001852

SAMPLE: WATER RECEIVED ON 12-2-80, LABELED UTAH STATE.

~~28X-58~~ 11-18
890 FEET 1708 FEET
FLOW: 100 72 DEG. F
GPM

Alkalinity as CaCO ₃ mg/l	550.00	850.00
Bicarbonate as HCO ₃ mg/l	612.44	924.76
Calcium as Ca mg/l	5.60	4.00
Carbonate as CO ₃ mg/l	28.80	55.20
Chloride as Cl mg/l	43.10	170.00
Magnesium as Mg mg/l	3.84	.96
Potassium as K mg/l	31.50	41.90
Sodium as Na mg/l	280.00	530.00
Sulfate as SO ₄ mg/l	82.5	136
Total Dissolved Solids mg/l	780	1,550


FORD CHEMICAL LABORATORY, INC.

Carolyn:

Following are additions and corrections to finalize the core assay records for the Mahogany zone:

UC-218

1355-1356	15.6
1373-1374	16.4
1393-1394	35.6
1437-1438	8.5

UC-217 Corrected depths

1264-1265	87.9
1265-1266	82.9
1266-1267	65.0

These should have us ready to run as soon as loaded.

Happy New Year

Jim