

141'-15'  
50'-25'  
27'-30'

n-39

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's core hole 18-29 drilled 280.7 feet N and 550.9 feet E of SW corner, Sec. 29, T. 11S., R. 25E., Uintah County, Utah

Surface Elevation - 6109.71 feet

Mahogany marker at 297.2 feet

Mahogany marker		5802.2	Yield of product				Specific gravity				Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton		of oil at	60°/60° F.	tendency to		
Laramie	Thick		Oil	Water			Oil	Water	Sq.		coke		
SBR57-5325	3 - 8	50840	2.4	0.9	95.8	0.9	6.3	5.0	2.2	2.55	.927	4. x gal. x Sq.	
SBR57-5326	8 - 8.5	50841	5.9	1.4	91.1	1.6	15.4	0.5	3.4	2.37	.927	none cum.	
SBR57-5327	8.5- 18	50842	1.5	1.0	96.5	1.0	3.9	9.5	2.4	2.61		none	
SBR57-5328	18 - 20	50843	2.0	.5	97.0	.5	5.3	2.0	1.3	2.57	.895	none	
SBR57-5329	20 - 38.5	50844	2.3	.8	96.3	.6	5.9	18.5	2.0	2.56	.926	none	
SBR57-5330	38.5-39.5	50845	11.0	1.4	84.7	2.9	28.7	1.0	3.2	2.16	.919	none	
SBR57-5331	39.5- 58	50846	3.6	.8	94.4	1.2	9.2	18.5	1.9	2.49	.934	none	
SBR57-5332	58 - 78	50847	3.8	.7	94.5	1.0	9.9	20.9	1.7	2.48	.931	none	
SBR57-5333	78 - 98	50848	3.6	.5	94.9	1.0	9.2	20.9	1.2	2.49	.933	none	
SBR57-5234	98 -118	50849	2.9	1.2	95.1	.8	7.3	20.9	2.9	2.53	.934	none	
SBR57-5235	118 -133.5	50850	3.4	1.5	94.1	1.0	8.6	15.5	3.6	2.50	.936	none	
SBR57-5236	133.5-134.5	50851	6.0	1.4	91.2	1.4	15.4	1.0	3.4	2.37	.930	none	
SBR57-5237	134.5-145.5	50852	3.3	1.2	94.3	1.2	8.6	11.5	2.9	2.50	.930	none	
SBR57-5238	145.5-146	50853	13.0	1.9	82.4	2.7	33.6	0.5	4.6	2.09	.928	none	
SBR57-5239	146 -166	50854	3.7	1.8	93.6	.9	9.6	20.9	4.2	2.48	.935	none	
SBR57-5340	166 -187	50855	5.0	1.7	92.0	1.3	13.0	21.0	4.1	2.42	.922	none	
SBR57-5341	187 -187.5	50856	12.6	1.2	83.6	2.6	32.5	0.5	2.9	2.11	.925	slight	
SBR57-5342	187.5-208	50857	3.5	2.3	93.2	1.0	9.0	20.5	5.5	2.50	.925	441.2	
SBR57-5343	208 -210	50858	3.9	2.7	92.1	1.3	10.0	2.0	6.5	2.48	.926	49.6	
SBR57-5344	210 -211	50859	16.6	2.9	77.2	3.3	43.3	1.0	7.0	1.97	.920	85.3	
SBR57-5345	211 -231	50860	3.3	2.4	93.1	1.2	8.6	20.9	5.8	2.50	.927	430.0	
SBR57-5346	231 -249	50861	3.5	2.5	92.9	1.1	9.0	18.0	6.0	2.50	.929	405.0	
SBR57-5347	251 -263	50862	3.7	1.5	93.4	1.4	9.6	20.9	3.5	2.48	.928	286.0	
SBR57-5348	263 -264	50863	14.2	1.6	80.6	3.6	36.8	1.0	3.8	2.05	.926	75.4	
SBR57-5349	264 -267.5	50864	5.3	1.2	92.1	1.4	13.8	3.5	2.8	2.40	.923	115.9	
SBR57-5350	267.5-268	50865	14.8	1.7	80.9	2.6	38.3	0.5	4.1	2.30	.923	43.9	
SBR57-5351	268 -281.5	50866	3.0	1.1	94.5	1.4	7.8	13.5	2.8	2.52	.924	264.6	
SBR57-5352	281.5-282.5	50867	12.6	2.3	82.4	2.7	33.3	1.0	5.5	2.09	.906	69.6	
SBR57-5353	282.5-286	50868	4.8	1.6	92.0	1.6	12.6	3.5	3.8	2.43	.918	107.2	
SBR57-5354	286 -290	50869	10.7	1.6	85.2	2.5	28.1	4.0	3.8	2.17	.913	243.5	

a. - specific gravity estimated due to insufficient oil.

Core Samples received October 7, 1957; assays made on air-dried samples

at Oil-Shale Experiment Station, Laramie, Wyoming, Illustration No. SEM-2070P October 14, 1957

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum Corporation's core hole 18-29 drilled 280.7 feet W and 550.9 feet E of SW corner, Sec. 29, T. 11S., R. 25E., Uintah County, Utah

Surface Elevation - 6109.71 feet

Mahogany marker at 297.2 feet

Sample number		Run No.	Yield of product				Gal. per ton		Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks			
			Weight percent		Spent shale	Gas + loss									
Laramie	Thier		Oil	Water					Oil	Water		coke			
SBR57-5355	290-297	50870	5.2	0.7	91.7	2.4	13.6	1.0	1.7	0.924	228.4	none	2404.4	16.70	212.98
SBR57-5356	297-297.5	50871	5.1	3.6	90.4	.9	13.3	0.5	1.6	.925	15.9	none	2420.3	1.20	214.18
SBR57-5357	297.5-301.5	50872	4.1	.7	94.1	1.1	10.7	4.0	1.8	.917	105.3	none	2525.6	9.84	224.02
SBR57-5358	301.5-302.5	50873	15.8	1.6	78.9	3.7	41.1	1.0	3.8	.922	81.8	none	2607.4	1.99	226.01
SBR57-5359	302.5-306	50874	8.3	.8	89.0	1.9	22.0	3.5	1.9	.905	174.0	none	2781.4	7.91	233.92
SBR57-5360	306-306.5	50875	20.3	1.6	74.6	3.5	53.0	0.5	3.8	.919	49.3	none	2830.7	9.30	243.22
SBR57-5361	306.5-307.5	50876	11.6	.7	85.4	2.3	30.8	1.0	1.7	.905	66.2	none	2896.9	2.15	243.37
SBR57-5362	307.5-310.5	50877	25.6	1.9	67.0	5.5	67.8	3.0	4.6	.904	343.7	medium	3240.6	3.27	248.64
SBR57-5363	310.5-311	50878	13.0	.8	83.6	2.6	34.7	0.5	1.8	.898	36.2	none	3276.8	1.04	249.68
SBR57-5364	311-312	50879	22.6	1.7	71.0	4.7	59.2	1.0	4.1	.913	106.0	slight	3382.8	1.79	251.47
SBR57-5365	312-313	50880	8.4	.5	89.2	1.9	21.8	1.0	1.3	.919	49.5	none	3432.3	2.27	253.74
SBR57-5366	313-314	50881	17.3	1.1	78.1	3.5	45.0	1.0	2.6	.924	87.7	slight	3520.0	1.95	255.69
SBR57-5367	314-316	50882	6.3	.7	91.1	1.9	16.5	2.0	1.7	.920	77.5	none	3597.5	4.70	260.39
SBR57-5368	316-318	50883	18.4	1.5	76.5	3.6	48.6	2.0	3.6	.908	185.6	slight	3783.1	3.92	264.21
SBR57-5369	318-319.5	50884	8.0	.9	89.1	2.0	21.6	1.5	2.2	.890	73.5	none	3856.6	3.40	267.61
SBR57-5370	319.5-320	50885	19.9	1.6	74.4	4.1	52.2	0.5	3.8	.913	48.5	slight	3905.1	0.93	268.54
SBR57-5371	320-322.5	50886	5.6	1.2	91.1	2.1	14.7	2.5	2.9	.918	88.2	none	3993.3	6.00	274.54
SBR57-5372	322.5-323.5	50887	17.6	1.7	76.5	4.2	45.7	1.0	4.0	.923	88.6	slight	4081.9	1.94	276.48
SBR57-5373	323.5-326.5	50888	4.9	.4	93.0	1.7	12.7	1.0	1.0	.923	30.7	none	4112.6	2.42	278.90
SBR57-5374	326.5-328	50889	14.8	1.0	80.5	3.7	38.8	1.5	2.4	.913	118.1	none	4230.7	3.04	281.94
SBR57-5375	328-331	50890	10.2	.5	86.8	2.5	27.1	3.0	1.2	.903	172.3	none	4403.0	6.36	288.30
SBR57-5376	331-334.5	50891	5.2	.4	92.7	1.7	13.5	3.5	1.1	.920	113.4	none	4516.4	8.40	296.70
SBR57-5377	335-338.5	50892	3.2	.7	94.9	1.2	8.2	3.5	1.7	.923	72.3	none	4589.7		
SBR57-5378	338.5-339	50893	11.1	1.1	85.4	2.4	28.6	0.5	2.6	.925	31.0	none	4619.7		
SBR57-5379	339-340	50894	3.1	.9	94.8	1.2	8.1	1.0	2.2	.928	20.4	none	4640.1		
SBR57-5380	340-340.5	50895	10.9	1.0	85.7	2.4	28.3	0.5	2.4	.924	30.7	none	4670.8		
SBR57-5381	340.5-343	50896	3.6	.9	94.7	.8	9.1	2.5	2.0	.956	56.8	none	4727.6		
SBR57-5382	343-344	50897	11.4	1.1	85.6	1.9	29.8	1.0	2.6	.919	64.4	none	4792.0		
SBR57-5383	344-346	50898	2.0	.9	96.5	.6	5.2	2.0	2.0	.946	26.8	none	4818.8		
SBR57-5384	346-346.5	50899	4.1	1.5	93.3	1.1	10.4	0.5	3.6	.938	12.8	none	4831.6		
SBR57-5385	348.5-349	50900	4.9	1.8	92.0	1.3	12.6	0.5	4.3	.940	15.3	none	4846.9		
SBR57-5386	349-360.6	50901	1.6	.7	97.1	.6	4.1	1.6	1.6	.946	124.1	none	4971.0		

Core samples received October 7, 1957; assays made on air-dried samples