

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum's core hole 35-28 drilled W. 40° 38' E., 2,836.2 feet (2,152.4 feet N. and 1,847.5 feet E.) from SW corner of Sec. 28, T. 10S., R. 25E., Uintah County, Utah

Surface elevation - 6,173.31 feet

Mahogany Marker at 378.0 feet

Sample number	Lamination	Run No.	Yield of product			Specific gravity of oil at 60°/60° F.		Properties of spent shale		Remarks
			Weight percent	Spent shale	Gas + loss	Oil	Water	Oil	Water	
SBR57-5225	5.0-28.5	50600	0.8	1.6	96.9	0.7	2.1	3.8		none
SBR57-5226	28.5-30.5	50601	5.9	1.8	90.8	1.5	15.1	4.3	0.934	none
SBR57-5227	30.5-51.7	50602	.8	1.7	96.5	1.0	2.1	4.1		none
SBR57-5228	51.7-71.0	50603	3.0	.6	95.5	.9	7.7	1.4	.936	none
SBR57-5229	71.0-75.6	50604	4.3	.4	94.2	1.1	11.0	1.1	.937	none
SBR57-5230	75.6-85.9	50605	3.6	.5	94.8	1.1	9.2	1.2	.938	none
SBR57-5231	85.9-88.2	50606	2.0	.3	96.9	.8	5.1	.6	.938	none
SBR57-5232	88.2-108.2	50607	3.6	.5	95.0	.9	9.1	1.2	.941	none
SBR57-5233	108.2-128.2	50608	3.5	.5	95.2	.8	8.9	1.3	.935	none
SBR57-5234	128.2-148.2	50609	2.7	1.0	95.4	.9	7.0	2.4	.939	none
SBR57-5235	148.2-168.2	50610	3.3	1.2	94.7	.8	8.3	2.9	.943	none
SBR57-5236	168.2-177.4	50611	3.2	1.1	94.8	.9	8.2	2.6	.933	none
SBR57-5237	177.4-178.2	50612	10.9	1.7	85.0	2.4	28.1	4.1	.926	none
SBR57-5238	178.2-198.2	50632	4.3	1.0	93.8	.9	11.1	2.3	.937	none
SBR57-5239	198.2-218.2	50633	5.5	1.1	92.1	1.3	14.1	2.6	.929	none
SBR57-5240	218.2-238.2	50634	4.4	1.6	93.0	1.0	11.3	3.8	.924	none
SBR57-5241	238.2-258.2	50635	3.8	1.7	93.4	1.1	9.9	4.1	.926	none
SBR57-5242	258.2-259.2	50636	15.8	1.9	79.2	3.1	40.9	4.6	.923	slight
SBR57-5243	259.2-279.0	50637	4.0	1.3	93.4	1.3	10.4	3.0	.929	none
SBR57-5244	279.0-299.0	50638	4.6	.8	93.6	1.0	11.7	2.0	.936	none
SBR57-5245	299.0-319.0	50639	4.4	1.0	93.5	1.1	11.2	2.5	.933	none
SBR57-5246	319.0-322.0	50640	6.5	.5	91.7	1.3	16.8	1.3	.924	none
SBR57-5247	322.0-336.5	50641	3.9	.7	94.4	1.0	9.9	1.8	.931	none
SBR57-5248	336.5-337.5	50642	12.8	1.0	83.8	2.4	33.1	2.4	.926	slight
SBR57-5249	337.5-342.5	50643	5.1	.7	93.0	1.2	13.2	1.6	.927	none
SBR57-5250	342.5-343.5	50644	13.3	1.2	82.9	2.6	34.7	2.9	.919	slight
SBR57-5251	343.5-345.5	50645	5.5	.6	92.7	1.2	14.3	1.6	.920	none
SBR57-5252	345.5-346.5	50646	14.9	1.4	80.7	3.0	39.4	3.4	.909	medium
SBR57-5253	346.5-360.0	50647	2.5	.6	96.2	.7	6.5	1.3	.927	none
SBR57-5254	360.0-361.0	50648	15.8	1.5	79.7	3.0	41.6	3.5	.912	medium

a. - specific gravity estimated due to insufficient oil.

Core samples received September 24, 1957; assays made on air-dried samples.

Petroleum and Oil-Shale Experiment Station, Laramie, Wyoming, Illustration No. SRR-2067P October 3, 1957

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from General Petroleum's core hole 35-28 drilled N. 40° 38' E., 2,836.2 feet (2,152.4 feet N. and 1,847.5 feet E.) from SW corner of Sec. 28, T. 10S., R. 25E., Uintah County, Utah

Surface elevation - 6,173.31 feet

Mahogany Marker at 378.0 feet

Sample number	Laramie	Fair	Run No.	Yield of product				Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
				Weight percent		Gal. per ton			tendency to	coke	
				Oil	Water	Spent shale	Gas + loss	Oil	Water		
SHR57-5255	361.0-365.0	0.0	50649	5.6	1.3	91.8	1.3	14.6	3.1	.917	none
SHR57-5256	365.0-367.0	0.0	50650	10.7	1.7	85.2	2.4	27.7	4.2	.923	none
SHR57-5257	367.0-369.0	0.0	50651	10.5	1.0	86.2	2.3	27.7	2.5	.905	slight
SHR57-5258	369.0-370.0	0.0	50652	16.1	2.3	78.7	2.9	42.1	5.5	.915	slight
SHR57-5259	370.0-378.0	8.0	50653	6.0	1.3	90.9	1.8	15.7	3.1	.919	none
SHR57-5260	378.0-378.5	0.5	50654	5.4	4.0	89.5	1.1	14.1	9.6	.925	none
SHR57-5261	378.5-382.5	4.0	50655	4.7	.6	93.3	1.4	12.4	1.3	.915	none
SHR57-5262	382.5-383.0	.5	50656	19.5	1.7	75.1	3.7	50.6	4.1	.924	medium
SHR57-5263	383.0-385.0	2.0	50657	8.3	1.0	88.9	1.8	21.8	2.3	.911	slight
SHR57-5264	385.0-387.5	2.5	50658	14.6	1.2	81.5	2.7	38.3	2.9	.913	slight
SHR57-5265	387.5-395.0	7.5	50659	21.0	1.5	73.2	4.3	55.5	3.6	.909	medium
SHR57-5266	395.0-397.0	2.0	50660	7.6	.7	89.9	1.8	19.8	1.7	.924	none
SHR57-5267	397.0-398.5	1.5	50661	17.7	1.0	78.1	3.2	46.0	2.3	.923	slight
SHR57-5268	398.5-401.5	3.0	50662	7.3	.5	90.5	1.7	19.1	1.1	.920	none
SHR57-5269	401.5-404.5	3.0	50663	16.1	1.3	79.3	3.3	42.5	3.1	.908	slight
SHR57-5270	404.5-411.0	6.5	50664	7.8	.8	89.8	1.6	20.5	2.0	.908	none
SHR57-5271	411.0-412.0	1.0	50665	10.3	1.5	86.0	2.2	26.8	3.6	.922	none
SHR57-5272	412.0-415.0	3.0	50666	4.9	1.2	92.7	1.2	12.7	2.9	.925	none
SHR57-5273	415.0-416.5	1.5	50667	15.0	1.5	80.7	2.8	39.5	3.6	.912	slight
SHR57-5274	416.5-421.5	5.0	50668	10.4	1.1	86.4	2.1	27.8	2.6	.901	none
SHR57-5275	421.5-425.0	3.5	50669	5.7	1.1	91.5	1.7	14.9	2.6	.921	none
SHR57-5276	425.0-427.0	2.0	50670	6.2	1.1	91.0	1.7	16.1	2.6	.925	none
SHR57-5277	427.0-432.5	5.5	50671	3.8	.8	94.3	1.1	10.0	1.8	.919	none
SHR57-5278	433.0-439.0	6.0	50672	7.3	.6	90.9	1.2	19.0	1.3	.924	none
SHR57-5279	439.0-443.5	4.5	50673	2.6	.9	95.6	.9	6.6	2.3	.930	none
SHR57-5280	443.5-444.5	1.0	50674	2.6	1.3	86.9	2.2	25.0	3.1	.925	none
SHR57-5281	446.5-447.5	1.0	50675	7.8	1.2	89.3	1.7	20.2	2.9	.921	none
SHR57-5282	447.5-450.0	2.5	50676	3.0	1.0	95.0	1.0	7.8	2.3	.934	none

Core samples received September 24, 1957; assays made on air-dried samples.