

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Geological Survey's core hole No. 10 in Naval Reserve No. 2, SE 1/4, Sec. 21, T. 13 S., R. 19 E., Carbon County, Utah

Sample number		Run No.	Yield of product				Cal. per ton		Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Remarks
			Weight percent		Spent shale	Gas + loss					
			Laramie	Their			Oil	Water			
SBR54-1679	148.0-149.3 ^{1.3}	33613	1.7	2.2	95.4	0.7	4.2 ^a	5.3		none	
SBR54-1680	149.3-150.9 ^{1.6}	33614	5.4	1.2	92.6	.8	14.1 ^{2.6}	2.9	0.914	none	
SBR54-1681	150.9-152.9 ^{2.0}	33615	6.3	1.8	90.6	1.3	16.8 ^{3.6}	4.2	.904	none	
SBR54-1682	152.9-157.0 ^{4.1}	33616	4.1	1.9	93.1	.9	10.9 ^{4.7}	4.4	.905	none	
SBR54-1683	157.0-159.5 ^{2.5}	33617	12.7	1.8	83.4	2.1	33.6 ^{6.0}	4.3	.905	none	
SBR54-1684	159.5-163.4 ^{3.9}	33618	6.9	1.4	90.6	1.1	18.2 ^{7.0}	3.2	.912	none	
SBR54-1685	163.4-164.3 ^{.9}	33619	3.5	1.0	94.8	.7	9.5 ^{8.5}	2.3	.893	none	
SBR54-1686	164.3-166.8 ^{2.5}	33620	5.6	.8	92.6	1.0	14.6 ^{3.5}	2.0	.911	none	
SBR54-1687	166.8-168.0 ^{1.2}	33621	1.3	.9	97.5	.3	3.3 ^a	2.2		none	
SBR54-1688	168.0-170.2 ^{2.2}	33622	6.1	.4	92.4	1.1	16.2 ^{35.6}	1.0	.904	none	
SBR54-1689	170.2-172.2 ^{2.0}	33623	3.6	.2	95.3	.9	9.4 ^{18.8}	.6	.908	none	

a - Estimated

Core samples received July 29, 1954; assays made on air-dried samples

Petroleum and Oil-Shale Experiment Station, Laramie, Wyoming, Illustration No. SBR-1402P August 30, 1954

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Geological Survey's core hole No. 10 in Naval Reserve No. 2, SE 1/4, NW 1/4, Sec. 34, T. 13 S.,
R. 19 E., Uintah County, Utah

Sample number		Run No.	Yield of product						Specific gravity of oil at 60°/60° F.	Properties of spent shale Tendency to coke	Remarks
			Weight percent				Cal. per ton				
			Oil	Water	Spent shale	Gas + loss	Oil	Water			
Laramie	Their										
SBR54-1679	148.0-149.3	33613	1.7	2.2	95.4	0.7	4.2a	5.3		none	
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SBR54-1687	166.8-168.0	33621	1.3	.9	97.5	.3	3.3a	2.2		none	
SBR54-1688	168.0-170.2	33622	6.1	.4	92.4	1.1	16.2	1.0	.904	none	
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