

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole AC-5 drilled in SE1/4SE1/4SE1/4
(265 feet N/S 125 feet W/E) of sec 1, T 11 S, R 11 E, Duchesne County, Utah

Surface elevation 7,635 feet

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		Spent shale	Gas + loss	Gal per ton				
			Oil	Water			Oil ^{1/}				Water
Laramie	Their										
SBR66-4196	86.0- 87.6						Trace				
SBR66-4197	87.6- 88.3	14129	1.5	3.2	94.3	1.0	3.9a	7.7		None	
SBR66-4198	88.3- 88.6	14130	1.3	4.0	94.2	.5	3.3a	9.7		None	
SBR66-4199	88.6- 89.0	14131	7.5	4.7	86.5	1.3	19.7	11.3	0.908	None	
SBR66-4200	89.0- 89.4	14132	4.2	2.9	91.5	1.4	11.2	7.0	.892	None	
SBR66-4201	89.4- 90.4	14133	.7	2.6	96.6	.1	1.8a	6.2		None	
SBR66-4202	90.4- 91.6						b				
SBR66-4203-05	91.6- 94.7						Trace				
SBR66-4206	94.7- 95.3	14134	1.0	5.0	93.0	1.0	2.7a	12.1		None	
SBR66-4207	96.0- 97.0	14135	9.1	2.3	86.9	1.7	23.6	5.5	.924	None	
SBR66-4208	97.0- 97.5	14136	1.5	1.8	96.5	.2	3.8a	4.4		None	
SBR66-4209	97.5- 98.8	14137	.3	.9	98.3	.5	.7a	2.2		None	
SBR66-4210	98.8- 99.2	14138	2.0	.2	97.2	.6	5.1a	.5		None	
SBR66-4211	99.2-100.0						No oil				
	100.0-336.0										

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1/ "a"--indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "No oil", "Trace", "b"--less than 1 gal oil/ton.

2/ Sections of barren rock not assayed.

Core samples received October 5, 1965; assays made on air-dried samples

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