

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole No. 1 drilled in SW1/4NW1/4NE1/4
(965 feet S/N 2230 feet W/E) of sec 21, T 10 S, R 5 E, Utah County, Utah

Utah

Surface elevation 6,750 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										
SBR66-4086	209.0-210.0						No oil				
SBR66-4087	210.0-211.0	13724	1.6	2.4	94.9	1.1	4.1a	5.9		None	
SBR66-4088	211.0-213.0	13725	3.8	1.9	93.1	1.2	9.7	4.6	0.945	None	
SBR66-4089	213.0-214.5	13726	4.2	1.7	92.2	1.9	10.7	4.2	.942	None	
SBR66-4090	214.5-215.3	13727	2.9	1.4	94.3	1.4	7.5	3.4	.942	None	
SBR66-4091	216.0-216.8	13728	1.9	1.0	95.9	1.2	5.0a	2.3		None	
SBR66-4092	216.8-218.0	13729	4.1	1.6	92.9	1.4	10.5	3.8	.945	None	
SBR66-4093	218.0-220.4						Trace				
SBR66-4094-95	222.0-225.8						No oil				
SBR66-4096	225.8-228.9						b				
SBR66-4097	228.9-230.3	13730	1.7	1.2	96.5	.6	4.4a	2.9		None	
SBR66-4098	230.3-233.0						No oil				
	32.0-209.0										

2/

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