

# OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole No. 4 drilled in SE1/4NE1/4SW1/4  
(1865 feet N/S 2135 feet E/W) of sec 25, T 9 S, R 5 E, Utah County, Utah

Surface elvation 6,125 feet

Surface elvation 6,125 feet		Yield of product						Specific gravity of oil at 60°/60°F	Properties of spent shale Tendency to coke	Remarks	
Sample number Laramie      Their		Run No.	Weight percent		Spent shale	Gas + loss	Gal per ton				
			Oil	Water			Oil 1/				Water
SBR66-4567	84.2- 84.8						Trace				
SBR66-4568-69	84.8- 86.8						No oil				
SBR66-4570	86.8- 88.3	14505	0.5	0.6	98.4	0.5	1.4a	1.4	None		
SBR66-4571	88.3- 89.3	14506	.9	1.6	96.5	1.0	2.4a	3.8	None		
SBR66-4572	89.3- 90.0	14507	1.5	1.2	96.2	1.1	3.9a	2.9	None		
SBR66-4573	90.0- 91.0						Trace				
SBR66-4574	91.0- 92.0						No oil				
SBR66-4575	106.3-107.8						No oil				
SBR66-4576	107.8-108.4						Trace				
SBR66-4577	108.4-109.3	14508	.4	1.2	98.3	.1	1.0a	2.9	None		
SBR66-4578	109.3-110.6	14509	.7	1.5	97.3	.5	1.8a	3.6	None		
SBR66-4579	110.6-111.8	14510	1.2	1.6	96.5	.7	3.0a	3.8	None		
SBR66-4580	111.8-112.8						No oil				
SBR66-4581-82	143.1-146.2						No oil				
SBR66-4583	146.2-147.5	14511	1.6	1.6	95.7	1.1	4.1a	3.8	None		
SBR66-4584	147.5-148.3						Trace				
SBR66-4585-86	148.3-151.2						No oil				
SBR66-4587	151.2-151.9						Trace				
SBR66-4588	151.9-153.1						No oil				
	10.0- 84.2									2/	
	92.0-106.3									2/	
	112.8-143.1									2/	
	153.1-196.0									2/	

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

2/ Sections of barren rock not assayed.

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