

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole No. 2 drilled in NW1/4SW1/4NE1/4  
(1525 feet S/N 2165 feet W/E) of sec 1, T 10 S, R 5 E, Utah County, Utah

Surface elevation 5,575 feet

Sample number		Run No.	Yield of product				Gal per ton		Specific gravity of oil at 60°/60°F	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss				Tendency to coke		
Laramie	Their		Oil	Water					Oil <sup>1/</sup>	Water		
SBR66-4015	40.0- 40.6						b					
SBR66-4016-17	40.6- 45.4						No oil					
SBR66-4018	45.4- 46.0						b					
SBR66-4019	47.5- 48.6						b					
SBR66-4020-21	48.6- 51.6						Trace					
SBR66-4022	51.6- 52.6						b					
SBR66-4023	52.6- 54.5						No oil					
SBR66-4024	54.5- 56.5						Trace					
SBR66-4025	56.5- 57.7	13618	3.4	3.1	92.5	1.0	8.8	7.5	0.916	None		
SBR66-4026	59.5- 60.6	13619	3.4	2.8	92.4	1.4	9.1	6.7	.910	None		
SBR66-4027	60.6- 61.9	13620	5.7	2.3	89.8	2.2	14.7	5.5	.931	None		
SBR66-4028	61.9- 62.9	13621	3.7	2.4	92.5	1.4	9.6	5.8	.923	None		
SBR66-4029	62.9- 64.1	13622	1.5	2.3	95.1	1.1	3.9a	5.5		None		
SBR66-4030	64.1- 65.7						Trace					
SBR66-4031	66.0- 72.0						No oil					
SBR66-4032	72.0- 74.2						Trace					
SBR66-4033	74.2- 75.3	13623	3.8	2.6	92.1	1.5	9.8	6.2	.926	None		
SBR66-4034	75.3- 76.3	13624	7.5	2.2	88.7	1.6	19.7	5.3	.919	None		
SBR66-4035	76.3- 77.3	13625	2.6	2.2	95.1	.1	6.9	5.3	.896	None		
SBR66-4036	77.3- 79.0	13626	1.6	1.9	95.8	.7	4.2a	4.6		None		
SBR66-4037-39	79.0- 84.9						b					
SBR66-4040	84.9- 85.7	13627	2.4	2.0	94.7	.9	6.2	4.8	.932	None		
SBR66-4041	86.0- 87.6	13628	6.7	1.9	89.7	1.7	17.4	4.6	.925	None		
SBR66-4042	87.6- 88.9	13629	2.1	2.7	93.4	1.8	5.6	6.6	.892	None		
SBR66-4043	88.9- 90.4						b					
SBR66-4044-46	90.4- 96.8						No oil					
SBR66-4047	96.8- 97.9						Trace					
SBR66-4048-49	97.9-100.4						b					
SBR66-4050	100.4-101.2						No oil					
SBR66-4051	101.2-102.4	13630	1.2	2.0	95.9	.9	3.1a	4.8		None		

See footnotes at end of table.

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

Laramie Petroleum Research Center, Laramie, Wyoming, Illustration No. SBR-3968P, Sheet No. 1 of 2 sheets

May 27, 1966

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole No. 2 (con.)

Surface elevation 5,575 feet

Sample number		Run No.	Yield of product				Gal 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					Oil <sup>1/</sup>	Water	
SBR66-4052-53	102.4-105.9						No oil				
SBR66-4054	179.0-180.0						No oil				
SBR66-4055	180.0-181.8	13639	1.3	1.5	96.6	0.6	3.5a	3.6		None	
SBR66-4056	181.8-182.8						No oil				
	105.9-179.0										
	182.8-295.0										

<sup>1/</sup> "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. <sup>2/</sup> Sections of barren rock not sampled.

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

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