

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from USBM Rock Springs Project Well No. 17-1 drilled in NE1/4SE1/4NW1/4 sec 15, T 18 N,  
R 106 W, Sweetwater County, Wyoming

Sample number	Run No.	Yield of Product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks		
		Weight percent		Spent shale	Gas + loss		Gal per ton			Tendency to coke	
		Oil	Water				Oil <sup>1/</sup>	Water			
SBR68-355	29.0-30.0	27940	0.2	2.3	96.3	1.2	0.5a	5.5	0.913	None	
SBR68-356	30.0-30.5	27941	.6	1.8	96.7	.9	1.5a	4.3		None	
SBR68-357	30.5-31.5	27942	.7	1.7	96.6	1.0	1.7a	4.1		None	
SBR68-358	36.0-36.9	27943	4.9	2.4	91.0	1.7	13.0	5.8		None	
SBR68-359	36.9-37.0	27944	6.5	3.7	88.0	1.8	17.0a	8.8		None	
SBR68-362	37.0-38.0	27948	2.4	.8	95.8	1.0	6.3a	1.8		None	
SBR68-363	38.0-39.0	27949	1.0	.5	97.9	.6	2.5a	1.2		None	
SBR68-364	39.0-39.8	27950	.3	1.0	98.0	.7	.8a	2.4		None	
SBR68-365	39.8-40.8	27951	.0	2.1	97.5	.4	Trace	5.0		None	
SBR68-366	40.8-41.8	27952	.0	2.4	97.2	.4	No Oil	5.8		None	
SBR68-367	41.8-42.8	27953	.1	2.5	96.9	.5	.2a	6.0		None	
SBR68-368	42.8-43.3	27954	.1	2.5	97.0	.4	.2a	6.0		None	
SBR68-369	43.3-44.3	27955	3.0	.4	95.3	1.3	7.7	1.1	.931	None	
SBR68-370	44.3-45.3	27956	3.5	.7	94.5	1.3	9.1	1.6	.929	None	
SBR68-371	45.3-46.3	27957	5.2	.9	91.7	2.2	13.3	2.0	.933	None	
SBR68-372	46.3-47.3	27958	4.6	1.1	92.3	2.0	12.1	2.6	.912	None	
SBR68-373	47.3-47.5	27959	4.3	1.0	93.0	1.7	11.1	2.4	.921	None	
SBR68-374	47.5-47.6	27960	2.9	1.4	93.9	1.8	7.4a	3.3		None	
SBR68-375	47.6-48.6	27961	5.7	.8	91.7	1.8	15.0	1.8	.912	None	
SBR68-376	48.6-48.8	27962	4.7	.5	92.8	2.0	12.2	1.3	.915	None	
SBR68-377	48.8-49.8	27963	4.3	1.0	93.3	1.4	11.1	2.3	.929	None	
SBR68-378	49.8-50.8	27964	.8	1.5	97.5	.2	2.2a	3.6		None	

1/ "a"--indicates specific gravity as 0.92.

Core samples received January 4, 1967; assays made on air-dried samples