

## OIL SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples collected by Federal Geological Survey from Pacific States Cast Iron Pipe Company's  
Gov't. No. 1 well located in the SE 1/4 of Sec. 25, T. 11 S., R. 17 E., Uintah County, Utah

Starting elevation 7,441 feet

*Mahogany marker 7071'*

			Yield of product					Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal. per ton		Tendency to coke		
Laramee	Thief		Oil	Water			Oil			Water	
SBR55-1191	360-370	36366	1.0	1.3	97.2	0.5	2.5a	3.1	0.917	None	
SBR55-1192	370-380	36367	2.4	2.2	94.6	.8	6.4	5.2		None	
SBR55-1193	380-390	36368	1.1	1.4	96.8	.7	2.8a	3.2		None	
SBR55-1194	490-500	36369	.7	2.1	96.6	.6	1.8a	5.0		None	
SBR55-1195	500-510	36370	.9	1.9	96.4	.8	2.2a	4.7		None	
SBR55-1196	510-520	36371	1.3	2.1	95.6	1.0	3.4a	5.0		None	
SBR55-1197	520-530	36372	1.5	2.2	95.3	1.0	3.8a	5.3		None	
SBR55-1198	530-540	36373	1.2	2.0	95.7	1.1	3.1a	4.7		None	

a - Estimated.

Core drill cuttings received January 25, 1955; assays made on air-dried samples.

Petroleum and Oil Shale Experiment Station, Laramie, Wyoming, Illustration No. SER-1502P(B)

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