

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Sinclair Oil and Gas Company's Uintah Oil Association well No. 2 drilled in NW1/4SE1/4,  
(1980 feet N/S 2096 feet W/E) of sec 8, T 13 S, R 21 E, Uintah County, Utah

UR 246  
20' of 14' ✓

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		
Laramie	Their		Oil	Water					Oil <sup>1/</sup>		Water	
SBR65-2716	0-30	4778	0.9	1.7	96.4	1.0	2.3a	4.2		None		
SBR65-2717	30-40	4779	1.8	1.2	96.0	1.0	4.6a	2.9		None		
SBR65-2718	40-50	4780	4.1	1.5	93.2	1.2	10.7	3.6	0.912	None		
SBR65-2719	50-60	4781	3.2	1.5	94.2	1.1	8.4	3.6	.918	None		
SBR65-2720	60-70	4782	3.4	1.2	94.2	1.2	8.8	2.9	.918	None		
SBR65-2721	70-80	4783	3.8	1.1	94.0	1.1	9.9	2.6	.918	None		
SBR65-2722	80-90	4784	3.1	1.3	94.8	.8	8.2	3.1	.916	None		
SBR65-2723	90-100	4785	5.3	1.2	92.2	1.3	13.9	3.0	.912	None		
SBR65-2724	100-110	4786	5.4	1.1	92.1	1.4	14.1	2.8	.914	None		
SBR65-2725	110-120	4787	3.4	1.1	94.6	.9	9.0	2.6	.914	None		
SBR65-2726	120-130	4788	2.8	1.4	94.9	.9	7.2	3.5	.915	None		
SBR65-2727	130-140	4789	2.3	1.5	95.5	.7	6.0	3.6	.914	None		
SBR65-2728	140-150	4790	2.3	1.4	95.7	.6	6.1	3.2	.911	None		
SBR65-2729	150-160	4791	2.3	1.1	95.9	.7	5.9	2.6	.915	None		
SBR65-2730	160-170	4792	2.3	1.2	95.9	.6	6.0	2.9	.914	None		
SBR65-2731	170-180	4793	2.2	1.1	95.8	.9	5.7	2.6	.918	None		
SBR65-2732	180-190	4794	2.2	1.1	95.9	.8	5.7	2.6	.917	None		
SBR65-2733	190-200	4795	1.8	1.1	96.4	.7	4.7a	2.6		None		
SBR65-2734	200-210	4796	2.1	.8	96.6	.5	5.5	2.0	.907	None		
SBR65-2735	210-220	4797	2.3	.9	96.2	.6	6.1	2.2	.914	None		
SBR65-2736	220-230	4798	2.0	1.2	96.1	.7	5.3	2.8	.914	None		
SBR65-2737	230-240	4799	2.0	1.1	96.3	.6	5.2	2.6	.912	None		
SBR65-2738	240-250	4800	2.3	.8	96.1	.8	5.9	1.9	.914	None		
SBR65-2739	250-260	4801	1.5	1.0	96.7	.8	4.0a	2.4		None		
SBR65-2740	260-270	4802	.8	1.4	97.6	.2	2.0a	3.4		None		
SBR65-2741	270-280	4803	1.5	1.1	96.7	.7	3.8a	2.7		None		
SBR65-2742	280-290	4804	1.1	1.2	97.0	.7	2.9a	2.8		None		
SBR65-2743	290-300	4805	.6	.9	98.3	.2	1.5a	2.3		None		
SBR65-2744	300-310	4806	.6	1.0	98.0	.4	1.6a	2.4		None		
SBR65-2745-47	310-340						c					

See footnotes at end of table

Drill Cutting samples received November 10, 1964; assays made on air-dried samples

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Samples from Sinclair Oil and Gas Company's Uintah Oil Association Well No. 2 (con.)

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 + Gas +		Gal per ton			
Laramie	Their		Oil	Water			loss	Oil <sup>1/</sup>	Water		
SBR65-2748	340-350	4807	0.2	0.3	98.8	0.7	b				
SBR65-2749	350-360						0.5a	0.7		None	
SBR65-2750-51	360-380						Trace				
SBR65-2752	380-390						c				
SBR65-2753-55	390-420						No oil				
SBR65-2756	420-430						c				
SBR65-2757	430-440						b				
SBR65-2758-59	440-460						No oil				
SBR65-2760	460-470						Trace				
SBR65-2761-69	470-560						No oil				
SBR65-2770-89	570-770	No oil									

<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, "c"--1 to 3 gal oil/ton.

Drill Cutting samples received November 10, 1964; assays made on air-dried samples