

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U.S. Bureau of Mines Rock Springs Project Well 7-2 drilled in
SE1/4SE1/4NW1/4 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		Gal per ton			Tendency to			
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil	Water	coke		
SBR69-3563	36.0	40643	8.0	2.3	87.5	2.2	20.8	5.5	0.918	None	
SBR69-3564	36.3	40644	13.5	2.3	81.6	2.6	35.2	5.5	.921	None	
SBR69-3565	37.3	40645	9.3	1.7	86.7	2.3	24.2	4.1	.920	None	
SBR69-3566	39.1	40646	8.3	2.3	87.6	1.8	21.7	5.5	.914	None	
SBR69-3567	41.2	40647	4.5	2.4	90.9	2.2	11.8	5.9	.906	None	
SBR69-3568	44.6	40648	6.4	2.6	89.3	1.7	16.8	6.2	.912	None	
SBR69-3569	47.2	40649	8.2	2.4	87.3	2.1	21.3	5.8	.927	None	
SBR69-3570	49.3	40650	4.9	2.3	92.1	.7	12.4	5.5	.944	None	
SBR69-3571	50.3	40651	6.0	3.4	87.2	3.4	15.3	8.1	.938	None	
SBR69-3572	51.1	40652	9.4	1.7	85.3	3.6	24.4	4.1	.923	None	
SBR69-3573	51.9	40653	9.7	2.3	84.7	3.3	25.1	5.5	.925	None	
SBR69-3574	53.2	40654	13.4	2.4	79.9	4.3	34.6	5.8	.927	None	
SBR69-3575	53.9	40655	7.6	2.3	87.8	2.3	19.4	5.5	.935	None	
SBR69-3576	56.3	40656	9.0	2.2	84.8	4.0	23.2	5.3	.933	None	
SBR69-3577	56.8	40657	12.0	2.1	82.5	3.4	31.3	5.0	.923	None	
SBR69-3578	57.8	40658	11.5	1.2	84.6	2.7	30.4	2.9	.911	None	
SBR69-3579	58.8	40659	11.7	1.3	84.2	2.8	30.8	3.1	.912	None	
SBR69-3580	59.9	40660	12.7	1.8	81.5	4.0	33.4	4.3	.911	None	
SBR69-3581	60.9	40661	12.3	2.0	82.9	2.8	32.3	4.8	.914	None	
SBR69-3582	62.2	40662	8.0	2.4	87.9	1.7	20.9	5.9	.913	None	
SBR69-3583	63.5	40663	6.5	2.6	88.9	2.0	17.1	6.2	.913	None	
SBR69-3584	64.6	40664	6.0	1.9	87.7	4.4	15.2	4.6	.939	None	
SBR69-3585	65.6	40665	11.4	1.0	82.9	4.7	29.5	2.4	.931	None	
SBR69-3586	66.6	40666	10.2	3.8	84.5	1.5	26.9	9.1	.905	None	
SBR69-3587	67.0	40667	5.7	2.8	89.1	2.4	14.7	6.7	.925	None	
SBR69-3588	67.9	40668	4.5	2.5	91.4	1.6	11.8	6.1	.912	None	
SBR69-3589	69.0	40669	7.8	1.6	88.5	2.1	20.3	3.7	.923	None	
SBR69-3590	69.7	40670	9.5	1.3	86.5	2.7	24.6	3.1	.922	None	
SBR69-3591	69.9	40671	12.2	1.0	83.8	3.0	32.0	2.4	.918	None	
SBR69-3592	71.8	40688	5.1	1.2	91.7	2.0	13.6	2.9	.901	None	

Core samples received in 1967; Assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U.S. Bureau of Mines Rock Springs Project Well 7-2 (con.)

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks	
			Weight percent		Gas + loss	Gal per ton		Tendency to coke			
Laramie	Their		Oil	Water		Spent shale	Oil ^{1/}		Water		
SBR69-3593	72.2	40673	2.5	1.6	94.6	1.3	6.6	3.7	0.906	None	
SBR69-3594	73.3	40674	2.2	1.5	95.3	1.0	5.9	3.6	.892	None	
SBR69-3595	74.3	40675	1.8	1.0	96.5	.7	4.7a	2.4		None	
SBR69-3596	75.0	40676	1.6	2.1	95.1	1.2	4.2a	5.0		None	

^{1/} "a"--indicates specific gravity estimated as 0.92.

Core samples received in 1967; Assays made on air-dried samples

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