

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Skyline Oil Company's Skyline Nielson No. 1 well drilled 2070 feet South of North line
and 1920 feet East of West line sec. 26, T. 13 S., R. 23 E., Uintah County, Utah

Surface elevation 6,428 feet

Mahogany Markers 6318

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F.		Properties of spent shale	Remarks	
Laramie	Their		Weight percent		Spent shale	Gas + loss	Gal. per ton		Tendency to coke		
			Oil	Water					Oil	Water	
SBR61-1837	100-110	71588	11.8	0.9	84.9	2.4	31.1	2.0	0.912	None	
SBR61-1838	110-120	71589	18.5	1.0	76.4	4.1	48.8	2.4	.906	Medium	
SBR61-1839	120-130	71590	9.6	.9	86.6	2.9	25.0	2.3	.914	Slight	
SBR61-1840	130-140	71591	8.4	.6	88.9	2.1	22.2	1.6	.904	None	
SBR61-1841	140-150	71592	5.2	.6	92.6	1.6	13.7	1.4	.914	None	
SBR61-1842	150-160	71593	5.0	.6	92.9	1.5	13.1	1.1	.916	None	
SBR61-1843	160-170	71594	4.0	.4	94.5	1.1	10.4	1.0	.923	None	
SBR61-1844	170-180	71595	5.3	.4	93.4	.9	13.7	1.1	.922	None	
SBR61-1845	180-190	71596	4.8	.9	93.3	1.0	12.7	2.2	.916	None	
SBR61-1846	190-200	71597	4.9	.6	92.7	1.8	12.7	1.3	.923	None	
SBR61-1847	200-210	71598	1.3	.9	97.3	.5	3.5a	2.2		None	
SBR61-1848	210-220	71599	1.1	.3	97.0	1.6	2.9a	.6		None	
SBR61-1849	220-230	71600	.7	.4	98.3	.6	1.8a	.8		None	
SBR61-1850	230-240	71601	.9	.8	97.7	.6	2.4a	1.8		None	
SBR61-1851	240-250	71602	1.6	.4	97.5	.5	4.0a	1.1		None	
SBR61-1852-56	250-300						Trace				
SBR61-1857-66	400-500						No Oil				

a - Specific gravity estimated due to insufficient oil.

Drill cutting samples received June 10, 1960; assays made on air-dried samples.