

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Belco Petroleum Corporation's Spur Creek Unit Well 11-2 drilled in SW1/4SE1/4
(660 feet N/S 2180 feet W/E) of sec 2, T 26 N, R 112 W, Lincoln County, Wyoming

Surface elevation 7,277 feet

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 + loss			
Laramie	Their		Oil	Water					Oil ^{1/}
SBR70-9410-37	5-145						No Oil		
SBR70-9438	145-150	55100	0.0	2.0	97.5	0.5	Trace	4.8	None
SBR70-9439	150-155	55101	.1	1.9	97.3	.7	.2a	4.7	None
SBR70-9440	155-160	55102	.1	1.8	97.6	.5	.3a	4.3	None
SBR70-9441	160-165	55103	.0	1.6	98.0	.4	No Oil	3.9	None
SBR70-9442	165-170	55104	.0	1.8	97.8	.4	No Oil	4.4	None
SBR70-9443	170-175	55105	.0	1.4	97.8	.8	No Oil	3.5	None
SBR70-9444	175-180	55106	.0	1.7	96.7	1.6	No Oil	4.1	None
SBR70-9445	180-185	55107	.0	1.8	97.9	.3	No Oil	4.3	None
SBR70-9446	185-190	55108	.4	1.7	97.0	.9	1.0a	4.2	None
SBR70-9447	190-195	55109	.3	1.8	97.3	.6	.7a	4.4	None
SBR70-9448	195-200	55110	.0	1.0	98.1	.9	No Oil	2.4	None
SBR70-9449	200-205	55111	.3	1.5	97.7	.5	.9a	3.5	None
SBR70-9450	205-210	55112	.1	1.6	98.0	.3	.4a	3.7	None
SBR70-9451	210-215	55113	.0	1.0	98.0	1.0	No Oil	2.4	None
SBR70-9452	215-220	55114	.2	1.6	97.8	.4	.6a	3.7	None
SBR70-9453	220-225	55115	.0	1.4	97.1	1.5	Trace	3.4	None
SBR70-9454	225-230	55116	.0	1.4	97.6	1.0	Trace	3.2	None
SBR70-9455	230-235	55117	.2	1.5	97.1	1.2	.4a	3.6	None
SBR70-9456	235-240	55118	.2	1.4	97.0	1.4	.5a	3.5	None
SBR70-9457	240-245	55119	1.5	1.7	95.8	1.0	3.8a	4.1	None

^{1/} "a"--indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "No oil", "Trace".

Drill cutting samples received June 25, 1970; Assays made on air-dried samples