

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Amoco Production Company's Vern Unit No. 1 Well located
NE1/4 SW1/4 (1894 feet N/S and 2081 feet E/W) of sec 11, T 18 N, R 113 W, Uinta County, Wyoming

Surface elevation 6347 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		Gas + loss	Gal per ton				
Laramie	Their		Oil	Water		Spent shale		Oil	Water	
SBR74-5433-35	1200-1290						No oil			
SBR74-5436	1290-1320						c			
SBR74-5437	1350-1380						b			
SBR74-5438	1380-1410	92152	3.7	1.1	94.0	1.2	9.6	2.6	0.921	None
SBR74-5439-40	1410-1470						No oil			
SBR74-5441	1470-1500						Trace			
SBR74-5442	1500-1530						b			
SBR74-5443	1530-1560						c			
SBR74-5444	1560-1590	92153	.2	1.2	98.4	.2	.6a	2.9		None
SBR74-5445	1590-1620	92154	2.8	1.9	94.5	.8	7.5	4.6	.905	None
SBR74-5446	1620-1650	92155	1.5	1.7	96.2	.6	4.0a	4.1		None
SBR74-5447	1650-1680	92156	2.5	1.6	95.2	.7	6.6	3.8	.897	None
SBR74-5448	1680-1710	92157	3.0	1.4	94.5	1.1	8.2	3.4	.892	None
SBR74-5449	1710-1740						b			
SBR74-5450	1740-1770						Trace			
SBR74-5451	1770-1800						b			
SBR74-5452-53	1800-1860						No oil			
SBR74-5454-55	1860-1920						b			
SBR74-5456	1920-1950						c			
SBR74-5457-71	1950-2400						No oil			

1/"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 16, 1973; assays made on air-dried samples.