

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Anadarko Production Company's Cherokee Ridge-Federal Well 1-A
SE1/4 NW1/4 (1786 feet S/N and 1977 feet E/W) of sec. 15, T. 12 N, R 96 W, Sweetwater County, Wyoming

Surface elevation 6654 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
SBR74-4133-48	0-160						No oil		
SBR74-4149	160-170	91257	1.1	0.9	97.1	0.9	2.8a	2.3	None
SBR74-4150-54	170-220						No oil		
SBR74-4155	220-230						Trace		
SBR74-4156-57	230-250						No oil		
SBR74-4158-59	250-270						Trace		
SBR74-4160	270-280	91258	.4	1.1	98.2	.3	1.0a	2.6	None
SBR74-4161-65	280-330						No oil		
SBR74-4166	330-340	91259	.1	1.1	98.2	.6	.3a	2.6	None
SBR74-4167	340-350						Trace		
SBR74-4168-69	350-370						No oil		
SBR74-4170	370-380						Trace		
SBR74-4171-75	380-430						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 1, 1973; assays made on air-dried samples.