

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole AC-4 drilled in NW1/4NE1/4 (1045 feet
W/E 285 feet S/N) of sec 8, T 11 S, R 12 E, Duchesne County, Utah

Surface elevation 7,210 feet

Surface elevation 7,218 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/}
SBR66-4608	258.5-260.0	14515	0.3	1.4	97.5	0.8	No oil		
SBR66-4609	260.0-260.5						0.8a	3.2	None
SBR66-4610	260.5-261.2						b		
SBR66-4611	261.2-261.7						Trace		
SBR66-4612	261.7-262.5						No oil		
SBR66-4613	308.4-309.4						No oil		
SBR66-4614	309.4-310.7						b		
SBR66-4615	310.7-311.7						No oil		
SBR66-4616-17	311.7-313.7						b		
SBR66-4618	313.7-314.3						No oil		
SBR66-4619-22	321.0-323.5						No oil		
SBR66-4623	328.6-329.2						Trace		
SBR66-4624	329.2-329.7						b		
SBR66-4625-26	451.7-453.2						No oil		
SBR66-4627-28	453.2-454.6						Trace		
SBR66-4629-31	466.0-469.2						No oil		
SBR66-4632	469.2-469.6	Trace							
SBR66-4633	469.6-471.4	No oil							
SBR66-4634	471.4-472.0	Trace							
SBR66-4635	472.0-473.0	b							
SBR66-4636	473.0-474.0	No oil							
	50.0-258.5								2/
	262.5-308.4								2/
	314.3-321.0								2/
	323.5-328.6								2/
	329.7-451.7								2/
	454.6-466.0								2/
	474.0-492.0								2/

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.

2/ Sections of barren rock not assayed.

Core samples received October 5, 1965; assays made on air-dried samples