

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Amoco Production Company's Champlin 261 Amoco-A Well 1

Surface elevation: 6,732 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					
SBR76-4613	3180-3210						Trace		
SBR76-4614	3210-3240						c		
SBR76-4615	3240-3270						b		
SBR76-4616-17	3270-3330						c		
SBR76-4618	3330-3360						Trace		
SBR76-4619	3360-3390	19300	0.2	1.4	97.7	0.7	0.5a	3.4	None
SBR76-4620	3390-3420						No Oil		
SBR76-4621	3420-3450						Trace		
SBR76-4622	3450-3480						No Oil		
SBR76-4623-24	3480-3540						b		
SBR76-4625-33	3540-3810						No Oil		
SBR76-4634	3810-3840						c		
SBR76-4635-39	3840-3990						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 cuttings received February 9, 1976; assays made on air-dried samples