

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Davis Oil Company's Eighteen Mile Canyon Unit Well 1 drilled in the NE1/4NE1/4  
(660 feet FNL, 860 feet FEL) of sec 14, T 25 N, R 109 W, Sweetwater County, Wyoming

Surface elevation 6,854 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss		Gal per ton		
Laramie	Their		Oil	Water				Oil <sup>1/</sup>	Water	
SBR75-18401	500- 530	11013	1.2	0.8	95.7	2.3	3.2a	1.9	None	
SBR75-18402	530- 560	11014	1.7	1.1	96.3	.9	4.5a	2.6	None	
SBR75-18403-4	560- 620						c			
SBR75-18405	680- 710						No Oil			
SBR75-18406	710- 740						Trace			
SBR75-18407-9	740- 830						No Oil			
SBR75-18410	830- 860						Trace			
SBR75-18411	860- 890						b			
SBR75-18412	890- 920						c			
SBR75-18413-28	920-1400						No Oil			
SBR75-18429	1430-1460						No Oil			

<sup>1/</sup> "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 July 8, 1975; assays made on air-dried samples