

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

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Samples from Davis Oil Company's Higgins Federal No. 1 well drilled in ^ASE1/4SW1/4
(460 feet N/S 2,180 feet E/W) of sec 2, T 17 N, R 99 W, Sweetwater County, Wyoming

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 ^{1/}	Water
SBR69-3545-49	250- 400						No oil			
SBR69-3550	710- 740	40641	3.3	2.8	92.0	1.9	8.5	6.7	0.923	None
SBR69-3551	740- 770	40642	3.3	2.8	92.9	1.0	8.6	6.7	.921	None
SBR69-3552-53	770- 830						Trace			
SBR69-3554	830- 860						b			
SBR69-3555-62	860-1100						No oil			

^{1/} Oil yields were estimated by a rapid test-tube method: "No oil", "Trace", "b"--less than 1 gal oil/ton.

Drill cutting samples received March 28, 1969; Assays made on air-dried samples