

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pacific Transmission Supply Company's Federal Well 41-24 drilled in the NE1/4NE1/4 (460 feet FNL, 4,162 feet FWL) sec 24, T 26 N, R 112 W, Lincoln County, Wyoming

Surface elevation 7,123 feet

Sample number		Run No.	Yield of product				Gal per ton		Specific gravity of oil at 60°/60° F	Properties of spent shale Tendency to coke	Remarks
			Weight percent		Spent shale	Gas + loss	Oil ^{1/}	Water			
Laramie	Their		Oil	Water							
SBR75-7742-3	90-110						c				
SBR75-7744-7	110-150						b				
SBR75-7748	150-160	2317	2.4	1.7	95.6	0.3	6.9	4.0	0.853	None	
SBR75-7749-59	510-620						c				
SBR75-7760-4	620-670						Trace				
SBR75-7765-9	670-720						No Oil				

^{1/}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 March 13, 1975; assays made on air-dried samples