

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pacific Transmission Supply Company's Federal Well 14-2 drilled in the SW1/4SW1/4 (760 feet FSL, 660 feet FWL) of sec 2, T 25 N, R 112 W, Lincoln County, Wyoming

Surface elevation 7,065 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		Gal + loss	Gal per ton			
Laramie	Their		Oil	Water		Spent shale		Oil ^{1/}	Water
SBR75-477	0- 30						Trace		
SBR75-478	30- 60						c		
SBR75-479-80	60-120						Trace		
SBR75-481	120-150						No Oil		
SBR75-482	150-180						Trace		
SBR75-483-4	180-240						No Oil		
SBR75-485	240-270						Trace		
SBR75-486-7	270-330						b		
SBR75-488	330-360						c		
SBR75-489	360-390						b		
SBR75-490-1	520-540						Trace		
SBR75-492-3	540-560						No Oil		
SBR75-494	560-570						Trace		
SBR75-495-7	570-600						No Oil		
SBR75-498	600-610						b		
SBR75-499	610-620						No Oil		
SBR75-500-1	630-650						b		
SBR75-502	650-660	99063	1.2	11.0	87.4	0.4	3.0a	26.4	None
SBR75-503	660-670						No Oil		
SBR75-504	680-690						No Oil		
SBR75-505-6	690-710						Trace		
SBR75-507	710-720						c		
SBR75-508-9	720-740						b		
SBR75-510	740-750						c		
SBR75-511	750-760						Trace		
SBR75-512-3	770-790						No Oil		
SBR75-514	790-800						Trace		
SBR75-515	800-810						No Oil		
SBR75-516	810-820						Trace		
SBR75-517	820-830						No Oil		

See footnote at end of table.

Drill cutting samples received November 19, 1974; assays made on air-dried samples

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Surface elevation 7,065 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		Gal + loss	Gal per ton			
Laramie	Their		Oil	Water		Spent shale	Oil ^{1/}	Water	
SBR75-518	830-840					Trace			
SBR75-519-20	840-860					No Oil			
SBR75-521-2	860-880					Trace			
SBR75-523	880-890					No Oil			
SBR75-524	890-900					Trace			
SBR75-525	900-910					No Oil			
SBR75-526	910-920					Trace			
SBR75-527	920-930					No Oil			
SBR75-528	930-940					Trace			
SBR75-529	940-950					No Oil			
SBR75-530	950-960					b			
SBR75-531-3	960-990					No Oil			
SBR75-534	990-1000					Trace			

^{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 cutting samples received November 19, 1974; assays made on air-dried samples