

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Pacific Transmission Supply Company's Well PTS 42-25 drilled in the SE1/4NE1/4 (1,400 feet FNL, 1,100 feet FEL) of sec 25, T 26 N, R 112 W, Lincoln County, Wyoming

Surface elevation 7,186 feet

Sample number	Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
		Weight percent		Gal per ton			Tendency to coke		
Laramie	Their	Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water		
SBR75-17633-40	0- 80					No Oil			
SBR75-17641	80- 90					Trace			
SBR75-17642	90- 100					b			
SBR75-17643-4	100- 120					Trace			
SBR75-17645-6	120- 140					No Oil			
SBR75-17647	340- 350					No Oil			
SBR75-17648	350- 360	10651	1.8	2.1	94.7	1.4	4.8a	5.0	None
SBR75-17649	360- 370	10652	1.9	2.0	94.9	1.2	4.9a	4.8	None
SBR75-17650	370- 380	10653	1.8	2.3	94.9	1.0	4.7a	5.5	None
SBR75-17651	380- 390	10654	1.9	2.2	94.8	1.1	4.8a	5.3	None
SBR75-17652	390- 400	10655	2.0	2.1	95.0	0.9	5.1a	5.0	None
SBR75-17653	400- 410	10656	1.7	1.8	95.1	1.4	4.4a	4.3	None
SBR75-17654	410- 420	10657	1.7	2.4	94.9	1.0	4.5a	5.8	None
SBR75-17655	420- 430	10658	1.2	1.9	95.7	1.2	3.1a	4.6	None
SBR75-17656	430- 440	10659	1.3	1.9	96.1	.7	3.4a	4.6	None
SBR75-17657	440- 450	10660	1.2	1.9	96.1	.8	3.2a	4.6	None
SBR75-17658	450- 460	10661	1.4	1.8	95.4	1.4	3.6a	4.3	None
SBR75-17659	460- 470	10662	1.3	1.9	95.6	1.2	3.3a	4.6	None
SBR75-17660-4	470- 520						c		
SBR75-17665	520- 530						Trace		
SBR75-17666	530- 540						c		
SBR75-17667	540- 550						b		
SBR75-17668	550- 560						c		
SBR75-17669	560- 570						b		
SBR75-17670-2	570- 600						c		
SBR75-17673-4	600- 620						No Oil		
SBR75-17675-6	620- 640						Trace		
SBR75-17677-712	640-1000						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 May 1, 1975; assays made on air-dried samples