

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Amoco Production Company's Champlin 261 Amoco-A Well 1 drilled in the NE1/4SW1/4 (1980 feet FSL, 1980 feet FWL) of sec. 33, T 18 N, R 94 W, Sweetwater County, Wyoming

Surface elevation: 6,732 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gas + loss	Gal per ton		Tendency to coke		
Laramie	Their		Oil	Water		Spent shale			Oil ^{1/}	Water
SBR76-4550	200-300						No Oil			
SBR76-4551	300-400	19293	1.6	3.7	92.4	2.3	4.3a	8.9		None
SBR76-4552	400-500	19294	.7	2.9	95.1	1.3	1.9a	7.0		None
SBR76-4553-54	500-700						No Oil			
SBR76-4555	700-800						b			
SBR76-4556-58	800-1100						c			
SBR76-4559	1100-1200						No Oil			
SBR76-4560	1200-1300						b			
SBR76-4561-62	1300-1500						No Oil			
SBR76-4563	1560-1590						No Oil			
SBR76-4564	1620-1650						b			
SBR76-4565	1680-1710						b			
SBR76-4566	1740-1770	19295	2.6	4.9	89.9	2.6	6.8a	11.7		None
SBR76-4567	1770-1800	19296	.2	1.7	97.4	.7	.5a	4.1		None
SBR76-4568	1800-1830	19297	.0	2.6	96.5	.9	No Oil	6.3		None
SBR76-4569	1830-1860	19298	1.7	4.4	92.0	1.9	4.4a	10.5		None
SBR76-4570	1890-1920						b			
SBR76-4571-72	1920-1980						No Oil			
SBR76-4573	1980-2010	19299	1.8	5.8	89.8	2.6	4.7a	13.8		None
SBR76-4574	2010-2040						No Oil			
SBR76-4575	2040-2070						Trace			
SBR76-4576	2070-2100						c			
SBR76-4577	2100-2130						Trace			
SBR76-4578-80	2130-2220						No Oil			
SBR76-4581	2220-2250						Trace			
SBR76-4582	2250-2280						c			
SBR76-4583-84	2280-2340						Trace			
SBR76-4585-87	2340-2430						No Oil			
SBR76-4588	2430-2460						Trace			
SBR76-4589-612	2460-3180						No Oil			

See footnote at end of table.

Drill cuttings received February 9, 1976; assays made on air-dried samples