

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Amoco Production Company's U.S.A. Amoco K Well #1 drilled in the NW1/4NW1/4 (660 feet S/N, 660 feet E/W) of sec 15, T 12 N, R 96 W, Sweetwater County, Wyoming

Kelly bushing elevation 6,713 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 per ton				
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil <sup>1/</sup>	Water	
SBR73-3531	400- 430	80118	0.8	3.5	94.5	1.2	2.1a	8.4	None
SBR73-3532	430- 460	80119	.9	3.6	94.5	1.0	2.3a	8.6	None
SBR73-3533	460- 490	80120	.9	3.4	94.6	1.1	2.3a	8.1	None
SBR73-3534	490- 520	80121	.9	3.6	94.5	1.0	2.3a	8.6	None
SBR73-3535-37	520- 610						No oil		
SBR73-3538	610- 640						b		
SBR73-3539	640- 670						No oil		
SBR73-3540	670- 700						Trace		
SBR73-3541-45	760- 910						No oil		
SBR73-3546	910- 940						Trace		
SBR73-3547	940- 970	80122	.1	1.5	98.0	.4	.3a	3.6	None
SBR73-3548	970-1000						Trace		
SBR73-3549-51	1000-1090						No oil		
SBR73-3552	1090-1120						b		
SBR73-3553-54	1120-1180						No oil		
SBR73-3555	1180-1210						Trace		
SBR73-3556-57	1210-1270						No oil		
SBR73-3558	1270-1300						Trace		
SBR73-3559-60	1300-1360						No oil		
SBR73-3561-67	1390-1600						No oil		
SBR73-3568	1600-1630						Trace		
SBR73-3569-75	1630-1840						No oil		
SBR73-3576	1840-1870						Trace		
SBR73-3577-81	1870-2020						No oil		

<sup>1/</sup> "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 April 4, 1972; Assays made on air-dried samples