

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Husky Oil Company's Federal 5-11 well drilled in the SW1/4NW1/4 (2,334 feet FNL, 306 feet FWL) of sec 11, T 22 N, R 105 W, Sweetwater County, Wyoming

Surface elevation 7,675 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
SBR75-2093-5	0- 90						No oil			
SBR75-2096-8	90- 180						Trace			
SBR75-2099	180- 210						No oil			
SBR75-2100-1	210- 270						b			
SBR75-2102	270- 300						Trace			
SBR75-2103	300- 330	99187	1.2	2.4	95.5	0.9	3.0a	5.8		None
SBR75-2104	330- 360	99188	1.3	2.1	95.3	1.3	3.4a	5.1		None
SBR75-2105	360- 390	99189	6.1	1.5	90.7	1.7	16.1	3.6	0.911	None
SBR75-2106	390- 420	99190	4.1	1.7	92.9	1.3	10.9	4.1	.904	None
SBR75-2107	420- 450	99191	4.4	1.4	92.4	1.8	11.8	3.4	.904	None
SBR75-2108	450- 480	99192	2.9	1.4	94.4	1.3	7.6	3.4	.907	None
SBR75-2109	480- 510	99193	4.7	1.5	92.2	1.6	12.4	3.6	.906	None
SBR75-2110	510- 540	99194	1.4	1.5	96.0	1.1	3.7a	3.6		None
SBR75-2111	540- 570	99195	1.1	1.9	96.1	.9	3.0a	4.6		None
SBR75-2112	570- 600	99196	.9	1.7	96.8	.6	2.3a	4.1		None
SBR75-2113	600- 630	99197	1.7	1.9	95.6	.8	4.4a	4.6		None
SBR75-2114	630- 660	99198	3.7	2.0	92.6	1.7	9.6	4.8	.913	None
SBR75-2115	660- 690	99200	1.5	1.9	95.8	.8	3.8a	4.6		None
SBR75-2116	690- 720	99201	1.2	1.9	96.5	.4	3.0a	4.6		None
SBR75-2117	720- 750	99202	2.8	1.8	94.2	1.2	7.5	4.3	.911	None
SBR75-2118	750- 780	99203	1.6	1.8	95.5	1.1	4.3a	4.3		None
SBR75-2119	780- 810	99204	1.4	1.6	96.2	.8	3.5a	3.8		None
SBR75-2120	810- 840						c			
SBR75-2121	840- 870						b			
SBR75-2122	870- 900						c			
SBR75-2123-4	900- 930						b			
SBR75-2125-6	930-1020						No oil			
SBR75-2127	1080-1110						Trace			
SBR75-2128-9	1110-1170						No oil			
SBR75-2130	1170-1200						c			

See footnote at end of table.

Drill cutting samples received December 9, 1974; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Husky Oil Company's Federal 5-11 well (con.)

Surface elevation 7,675 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		Spent shale	Gas + loss				Gal per ton
Laramie	Their		Oil	Water					Oil	Water
SBR75-2131	1200-1230						Trace			
SBR75-2132-5	1350-1470						No oil			
SBR75-2136-8	1500-1590						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 cutting samples received December 9, 1974; assays made on air-dried samples