

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Amoco Production Company's Fillmore Creek W 1 Unit Well 1 drilled in the NW1/4SW1/4 (1491 feet FSL, 1273 feet FWL) of sec. 1, T 19 N, R 92 W, Carbon County, Wyoming

Surface elevation: 7,008 feet

Sample number		Run No.	Yield of product				SAMPLE IDENTITY QUESTIONABLE		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 ^{1/}	Water			
SBR76-9390-9403	30-450						No Oil				
SBR76-9404	450-480						Trace				
SBR76-9405	480-510	23239	1.8	4.9	92.7	0.6	4.7a	11.7	0.885	None	
SBR76-9406	510-540	23240	2.1	5.7	90.1	2.1	5.8	13.7	.893	None	
SBR76-9407	540-570	23241	4.5	4.0	89.9	1.6	12.1	9.6	.888	None	
SBR76-9408	570-600	23242	4.3	3.6	90.0	2.1	11.5	8.6		None	
SBR76-9409	600-630	23243	1.6	4.4	92.2	1.8	4.3a	10.5		None	
SBR76-9410	630-660	23244	1.1	3.3	94.4	1.2	2.8a	7.9		None	
SBR76-9411	660-690	23245	1.2	4.0	92.9	1.9	3.1a	9.6		None	
SBR76-9412	690-720	23246	1.0	4.8	91.5	2.7	2.7a	11.5		None	
SBR76-9413	720-750	23247	.3	2.3	96.4	1.0	.9a	5.5		None	
SBR76-9414	750-780	23248	.3	1.9	96.7	1.1	.9a	4.6		None	
SBR76-9415	780-810						c				
SBR76-9416	810-840						b				
SBR76-9417	840-870	23249	.7	3.9	94.1	1.3	1.7a	9.3		None	
SBR76-9418	870-900	23334	2.1	4.3	92.2	1.4	5.6	10.3	.886	None	
SBR76-9419	900-930	23335	3.4	4.6	90.0	2.0	9.1	11.0	.902	None	
SBR76-9420	930-960	23336	2.2	5.2	90.5	2.1	6.0	12.5	.899	None	
SBR76-9421	960-990	23253	1.3	4.0	92.6	2.1	3.4a	9.6		None	
SBR76-9422	990-1010	23254	.7	3.8	95.1	.4	1.8a	9.1		None	
SBR76-9423	1010-1040	23255	1.5	4.5	92.2	1.8	3.9a	10.8		None	
SBR76-9424	1040-1070	23256	3.7	8.0	82.6	5.7	9.0	19.2	.986	None	
SBR76-9425	1070-1100	23257	.9	4.0	93.9	1.2	2.4a	9.6		None	
SBR76-9426	1100-1130	23258	7.9	6.0	77.8	8.3	18.7	14.4	1.019	None	
SBR76-9427	1130-1160	23259	.3	3.2	95.4	1.1	.9a	7.7		None	
SBR76-9428	1160-1190						Trace				
SBR76-9429-31	1190-1280						No Oil				
SBR76-9432	1280-1310						b				
SBR76-9433	1310-1340						Trace				
SBR76-9434	1340-1370	23260	.9	5.7	91.1	2.3	2.2a	13.7		None	

See footnote at end of table.

Drill cuttings received May 6, 1976; assays made on air-dried samples

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Samples from Amoco Production Company's Fillmore Creek W 1 Unit Well 1

Surface elevation: 7,008 feet

SAMPLE IDENTITY QUESTIONABLE

Sample number		Run No.	Yield of product				Gal per ton		Specific gravity of oil at 60°/60° F	Properties of spent shale Tendency to coke	Remarks
Laramie	Their		Weight percent		Spent shale	Gas + loss	Oil ^{1/}	Water			
SBR76-9435	1370-1400	23261	1.2	6.0	89.7	3.1	3.2a	14.4		None	
SBR76-9436	1400-1430	23262	1.0	9.4	87.2	2.4	2.7a	22.6		None	
SBR76-9437	1430-1460	23263	.2	10.4	86.0	3.4	.4a	25.0		None	
SBR76-9438	1460-1490	23264	1.4	9.0	84.7	4.9	3.6a	21.6		None	
SBR76-9439	1490-1520	23265	1.2	5.0	91.8	2.0	3.0a	12.0		None	
SBR76-9440	1520-1550	23266	1.5	5.5	90.5	2.5	3.9a	13.2		None	
SBR76-9441	1550-1580	23267	1.2	6.5	89.3	3.0	3.2a	15.6		None	
SBR76-9442	1580-1610	23268	7.1	4.1	84.2	4.6	17.2	9.8	0.990	None	
SBR76-9443	1610-1640	23269	4.3	7.0	83.4	5.3	11.1a	16.8		None	
SBR76-9444	1640-1670	23270	1.0	6.5	88.4	4.1	2.5a	15.5		None	
SBR76-9445	1670-1700	23271	7.6	6.4	80.5	5.5	18.5	15.4	.983	None	
SBR76-9446	1700-1730	23272	1.6	6.4	88.6	3.4	4.1a	15.3		None	
SBR76-9447	1730-1760	23273	.3	3.7	94.9	1.1	.7a	8.9		None	
SBR76-9448	1760-1790	23274	3.2	6.0	87.1	3.7	7.8	14.4	.983	None	
SBR76-9449	1790-1820	23275	2.7	6.0	87.9	3.4	6.6	14.4	.976	None	
SBR76-9450	1820-1850	23276	.2	3.5	95.4	.9	.6a	8.4		None	
SBR76-9451	1850-1880						b				
SBR76-9452-55	1880-2000						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 cuttings received May 6, 1976; assays made on air-dried samples