

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole WC-2 drilled in NE1/4NE1/4  
(620 feet S/N 345 feet W/E) of sec 14, T 11 S, R 10 E, Duchesne County, Utah

Surface elevation 7,475 feet

Sample number		Run No.	Yield of product						Specific gravity of oil at 60°/60°F	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss	Gal per ton			Tendency to coke		
			Oil	Water			Oil <sup>1/</sup>	Water				
Laramie	Their											
SBR66-4168	61.0- 61.8	14115	5.6	2.3	89.9	2.2	14.1	5.5	0.944	None		
SBR66-4169	61.8- 62.6	14116	.3	1.9	97.4	.4	.7a	4.6		None		
SBR66-4170	62.6- 64.3						No oil					
SBR66-4171	64.3- 66.3						Trace					
SBR66-4172	66.3- 67.9						b					
SBR66-4173	67.9- 68.5	14117	1.3	2.5	95.0	1.2	3.4a	6.0		None		
SBR66-4174	68.5- 69.6	14118	1.0	2.4	95.5	1.1	2.6a	5.8		None		
SBR66-4175	70.0- 71.1						No oil					
SBR66-4176	71.1- 72.0						Trace					
SBR66-4177	72.0- 73.4						No oil					
SBR66-4178	73.4- 73.9	14119	.6	3.0	95.3	1.1	1.6a	7.2		None		
SBR66-4179	73.9- 75.6						b					
SBR66-4180	75.6- 76.0	14120	1.0	3.1	95.0	.9	2.7a	7.3		None		
SBR66-4181	76.0- 77.0	14121	1.0	3.2	95.0	.8	2.5a	7.8		None		
SBR66-4182	77.0- 78.1	14122	.7	2.5	95.9	.9	1.8a	6.0		None		
SBR66-4183-84	78.1- 79.7						b					
SBR66-4185	79.7- 80.2	14123	1.0	3.5	94.7	.8	2.5a	8.4		None		
SBR66-4186-87	80.2- 82.3						No oil					
SBR66-4188	82.3- 83.5	14124	.9	2.0	96.0	1.1	2.3a	4.8		None		
SBR66-4189	83.5- 84.7	14125	3.1	1.7	93.8	1.4	8.2	4.1	.917	None		
SBR66-4190	86.0- 87.4	14126	2.5	1.8	94.5	1.2	6.6	4.3	.899	None		
SBR66-4191	87.4- 88.4	14127	3.3	1.6	93.9	1.2	8.6	3.8	.911	None		
SBR66-4192	88.4- 89.6	14128	1.2	2.0	95.5	1.3	3.1a	4.8		None		
SBR66-4193-94	89.6- 91.1						b					
SBR66-4195	91.1- 92.3						No oil					
	92.3-226.0											

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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.

2/ Sections of barren rock not assayed.

Core samples received October 5, 1965; assays made on air-dried samples