

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Cameron Engineers, Inc. Mary Tomich No. 1 Well drilled  
in the SE1/4 of sec 34, T 24 N, R 106 W, Sweetwater County, Wyoming

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									
SBR73-11411	335-340	87815	1.7	2.7	94.7	0.9	4.5a	6.5	0.919	None
SBR73-11412	340-345	87816	2.5	3.0	92.2	2.3	6.5	7.2	.914	None
SBR73-11413	345-350	87817	2.3	2.6	93.8	1.3	6.1	6.2	.909	None
SBR73-11414	350-355	87818	3.1	2.7	92.1	2.1	8.2	6.5	.919	None
SBR73-11415	355-360	87819	2.9	2.5	92.3	2.3	7.6	6.0	.913	None
SBR73-11416	360-365	87820	3.5	3.0	91.2	2.3	9.1	7.2	.917	None
SBR73-11417	365-370	87821	3.8	2.0	91.9	2.3	10.0	4.8	.931	None
SBR73-11418	370-375	87822	5.1	1.4	91.2	2.3	13.1	3.4	.922	None
SBR73-11419	375-380	87823	5.4	1.7	90.6	2.3	14.0	4.1	.914	None
SBR73-11420	380-385	87824	5.8	1.7	90.2	2.3	15.2	4.1	.917	None
SBR73-11421	385-390	87825	6.8	1.4	89.5	2.3	17.6	3.4	.914	None
SBR73-11422	390-395	87826	3.6	2.0	92.1	2.3	9.5	4.8	.908	None
SBR73-11423	395-400	87827	4.0	1.5	92.1	2.4	10.6	3.6	.909	None
SBR73-11424	400-405	87828	5.0	1.4	91.1	2.5	13.3	3.4	.916	None
SBR73-11425	405-410	87829	6.4	1.5	89.5	2.6	16.8	3.6	.914	None
SBR73-11426	410-415	87830	6.3	1.3	89.8	2.6	16.5	3.1	.908	None
SBR73-11427	415-420	87831	6.0	1.1	90.1	2.8	15.7	2.6	.910	None
SBR73-11428	420-425	87832	5.6	.9	90.8	2.7	14.8	2.0	.910	None
SBR73-11429	425-430	87833	6.0	1.1	90.3	2.6	15.9	2.6	.909	None
SBR73-11430	430-435	87877	2.7	1.7	94.7	.9	7.2	4.1	.910	None
SBR73-11431	435-440	87835	6.3	.8	90.0	2.9	16.6	1.9	.910	None
SBR73-11432	440-445	87836	5.3	.6	90.5	3.6	13.9	1.3	.915	None
SBR73-11433	445-450	87837	3.4	1.2	93.1	2.2	9.0	2.9		None

<sup>1/</sup> "a"--indicates specific gravity estimated as 0.92.

Drill cutting samples received July 25, 1972; assays made on air-dried samples