

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from USFM Rock Springs Project Well No. 18-1 drilled in NE1/4SE1/4NW1/4 sec 15, T 18 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 Tendency to coke	Remarks
			Weight percent		Spent shale	Gas + loss	Gal per ton			
Laramie	Their		Oil	Water					Oil ^{1/}	Water
SBR68-406	30.0-30.8	27992	1.0	2.4	95.8	0.8	2.7a	5.8		None
SBR68-407	35.0-36.0	27993	.4	1.9	97.1	.6	1.0a	4.6		None
SBR68-408	36.0-37.0	27994	.1	2.0	96.4	1.5	.3a	4.8		None
SBR68-409	37.0-37.4	27995	1.6	1.1	96.1	1.2	4.0a	2.8		None
SBR68-410	37.4-37.9	27996	4.4	1.6	92.3	1.7	11.4	3.8	0.920	None
SBR68-411	37.9-38.0	27997	5.6	2.6	90.0	1.8	14.8	6.2	.904	None
SBR68-412	38.0-39.0	27998	1.3	.6	96.5	1.6	3.3a	1.6		None
SBR68-413	39.0-40.0	27999	.9	.8	97.4	.9	2.4a	1.8		None
SBR68-414	40.0-41.2	28000	.3	1.3	97.3	1.1	.9a	3.0		None
SBR68-415	41.2-42.2	28001	.0	2.6	96.8	.6	Trace	6.1		None
SBR68-416	42.2-43.2	28002	.1	2.2	96.7	1.0	.1a	5.3		None
SBR68-417	43.2-43.6	28003	.3	2.5	96.6	.6	.7a	6.1		None
SBR68-418	43.6-44.4	28004	.8	2.0	96.0	1.2	2.2a	4.8		None
SBR68-419	44.4-44.5	28005	.5	.2	98.5	.8	1.4a	.6		None
SBR68-420	44.5-44.8	28006	2.6	1.9	94.2	1.3	6.7	4.6	.926	None
SBR68-421	44.8-45.3	28007	5.4	1.0	91.0	2.6	13.9	2.4	.924	None
SBR68-422	45.3-45.8	28008	5.3	.8	91.8	2.1	13.8	2.0	.914	None
SBR68-423	45.8-45.9	28009	4.1	.5	93.2	2.2	10.6a	1.2		None
SBR68-424	45.9-46.6	28010	5.1	1.1	91.8	2.0	13.3	2.6	.913	None
SBR68-425	46.6-47.6	28011	3.9	1.1	93.6	1.4	10.1	2.6	.917	None
SBR68-426	47.6-48.6	28012	5.1	.7	92.2	2.0	13.2	1.8	.922	None
SBR68-427	48.6-49.6	28013	3.4	.7	94.2	1.7	8.8	1.6	.929	None
SBR68-428	49.6-50.6	28014	3.3	.8	94.3	1.6	8.6	1.9	.934	None

1/ "a"--indicates specific gravity as 0.92.

Core samples received January 4, 1967; assays made on air-dried samples