

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from USBM Rock Springs Site No. 4 Well PBC No. 13 drilled in SW1/4SW1/4NE1/4
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		Remarks	
			Weight percent		Gas + loss	Gal per ton		Tendency to coke			
Laramie	Their		Oil	Water		Spent shale		Oil	Water		
OSCR69-499	60-61	44856	7.6	2.3	85.0	5.1	19.5	5.5	0.934	None	
	61-62	44857	6.7	2.9	87.3	3.1	17.2	7.0	.934	None	
	62-63	44858	7.3	2.9	86.2	3.6	18.9	7.0	.930	None	
	63-64	44859	4.9	2.8	88.8	3.5	12.4	6.7	.941	None	
	64-65	44710	5.4	2.6	90.0	2.0	13.8	6.2	.939	None	
	65-66	44711	8.8	1.9	85.1	4.2	22.7	4.6	.922	None	
	66-67	44712	8.7	2.1	84.9	4.3	22.5	5.0	.926	None	
	67-68	44713	8.8	2.4	85.0	3.8	22.8	5.8	.926	None	
	68-69	44714	8.0	2.6	86.9	2.5	20.4	6.2	.937	None	
	69-70	44715	8.3	2.4	87.1	2.2	20.9	5.8	.949	None	
	70-71	44716	6.0	2.2	89.2	2.6	15.3	5.3	.946	None	
	71-72	44717	6.5	2.7	87.6	3.2	16.6	6.5	.941	None	
	72-73	44718	11.8	2.6	82.0	3.6	30.6	6.2	.925	None	
	73-74	44719	10.3	2.0	84.3	3.4	27.1	4.8	.914	None	
	74-75	44720	11.8	1.9	82.9	3.4	31.1	4.6	.912	None	
	75-76	44721	13.2	2.2	81.1	3.5	34.9	5.3	.908	None	
	76-77	44722	12.9	2.3	80.8	4.0	34.2	5.5	.908	None	
	77-78	44723	10.8	2.1	84.2	2.9	28.4	5.0	.913	None	
	78-79	44724	7.5	2.7	87.9	1.9	19.7	6.4	.914	None	
	79-80	44725	8.6	2.1	87.2	2.1	22.5	5.2	.912	None	
	80-81	44726	7.0	2.2	89.1	1.7	18.2	5.2	.925	None	
	81-82	44727	9.4	2.5	83.2	4.9	24.5	6.0	.914	None	
	82-83	44728	5.4	2.7	90.9	1.0	14.2	6.5	.912	None	
	83-84	44729	4.6	1.7	91.8	1.9	12.1	4.0	.915	None	
	84-85	44730	8.3	1.6	88.6	1.5	21.7	3.8	.912	None	
	85-86	44731	11.0	2.0	84.7	2.3	28.8	4.8	.917	None	
	86-87	44732	5.8	2.0	90.8	1.4	15.5	4.8	.899	None	
	87-88	44733	4.0	1.7	92.8	1.5	10.8	4.2	.887	None	
	88-89	44734	2.2	1.4	95.3	1.1	6.0	3.4	.885	None	
	89-90	44746	2.3	1.1	95.8	.8	6.1	2.6	.882	None	

Core samples received October 1969; Assays made on air-dried samples