

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from USBM Rock Springs Site No. 4 Well PBC No. 2 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
OSCR69-502	60 -61	44885	7.0	2.8	86.8	3.4	18.1	6.7	0.929	None
	61 -62	44886	6.7	2.3	87.3	3.7	17.1	5.5	.939	None
	62 -63	44887	5.0	2.0	90.0	3.0	12.6	4.8	.945	None
	63 -64	44888	4.8	3.2	89.6	2.4	12.3	7.7	.943	None
	64 -65	44889	8.3	2.2	86.9	2.6	21.4	5.3	.930	None
	65 -66	44890	8.4	2.6	86.2	2.8	21.8	6.2	.927	None
	66 -67	44891	8.7	2.7	85.7	2.9	22.2	6.5	.933	None
	67 -68	44928	7.9	2.5	88.5	1.1	20.2	6.0	.942	None
	68 -69	44893	8.1	2.6	87.0	2.3	20.6	6.2	.945	None
	69 -70	44894	6.3	2.4	89.2	2.1	15.8	5.8	.952	None
	70 -71	44895	5.7	2.2	89.8	2.3	14.6	5.3	.943	None
	74.8-76.0	44896	13.3	2.4	80.5	3.8	34.8	5.8	.912	None
	76 -77	44897	8.0	2.7	87.5	1.8	21.0	6.5	.915	None
	77 -78	44898	8.7	2.7	86.5	2.1	22.9	6.5	.911	None
	78 -79	44899	6.1	2.7	89.6	1.6	16.0	6.5	.916	None
	79 -80	44900	5.4	1.7	90.5	2.4	13.9	4.1	.932	None
	80 -81	44901	11.0	3.0	83.8	2.2	28.7	7.2	.917	None
	81 -82	44902	8.6	3.0	85.9	2.5	22.6	7.2	.913	None
	82 -83	44903	4.7	2.1	91.3	1.9	12.2	5.0	.917	None
	83 -84	44904	6.8	2.3	88.7	2.2	17.8	5.5	.921	None
	84 -85	44905	10.4	1.9	84.3	3.4	27.4	4.6	.912	None
	85 -86	44906	6.8	2.5	87.8	2.9	17.7	6.0	.913	None
	86 -87	44907	3.8	2.2	92.3	1.7	10.1	5.3	.895	None
	87 -88	44908	3.0	1.8	93.1	2.1	8.1	4.3	.895	None
	88 -89	44909	2.4	1.7	93.4	2.5	6.4	4.1	.895	None
	89 -90.3	44910	1.9	1.7	94.6	1.8	5.1	4.1	.904	None

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