

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Husky Oil Company's Trapper's Trail Unit-Federal Well 4-35 drilled in the NW1/4NW1/4 (557 feet FNL, 565 feet FWL) of sec. 35, T 15 N, R 97 W, Sweetwater County, Wyoming

Surface elevation: 6,840 feet

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 ^{1/}	Water
SBR76-11057-58	2490-2530						Trace			
SBR76-11059	2530-2550						b			
SBR76-11060-62	2550-2610						c			
SBR76-11063	2610-2630						b			
SBR76-11064-67	2630-2710						c			
SBR76-11068-69	2710-2750						b			
SBR76-11070	2750-2770	24179	1.6	4.0	92.2	2.2	4.1a	9.7		None
SBR76-11071	2770-2790	24180	.1	2.6	96.3	1.0	.3a	6.2		None
SBR76-11072	2790-2810						Trace			
SBR76-11073	2810-2830	24181	.1	2.6	96.6	.7	.3a	6.2		None
SBR76-11074	2830-2850	24182	1.1	1.9	95.0	2.0	2.8a	4.6		None
SBR76-11075	2850-2870	24183	.9	2.0	96.6	.5	2.4a	4.8		None
SBR76-11076	2870-2890	24184	.4	2.6	95.6	1.4	1.1a	6.2		None
SBR76-11077	2890-2910	24185	.9	3.0	95.2	.9	2.3a	7.2		None
SBR76-11078	2910-2930	24186	.4	2.4	96.6	.6	1.0a	5.8		None
SBR76-11079	2930-2950	24187	.6	2.3	96.5	.6	1.7a	5.5		None
SBR76-11080	2950-2970	24188	1.3	2.4	95.3	1.0	3.4a	5.8		None
SBR76-11081	2970-2990	24189	2.8	2.1	93.4	1.7	7.6	5.0	0.897	None
SBR76-11082	2990-3010	24190	4.1	2.0	90.8	3.1	11.1	4.8	.889	None
SBR76-11083	3010-3030	24191	4.7	2.2	91.1	2.0	12.6	5.3	.899	None
SBR76-11084	3030-3050	23192	2.4	2.0	93.7	1.9	6.3	4.8	.894	None
SBR76-11085	3050-3070	24193	2.8	1.9	93.9	1.4	7.5	4.6	.893	None
SBR76-11086	3070-3090	24194	2.2	1.9	94.5	1.4	5.8	4.6	.917	None
SBR76-11087	3090-3110	24195	3.3	1.9	93.0	1.8	8.6	4.6	.907	None
SBR76-11088	3110-3130	24196	4.4	2.2	91.8	1.6	11.5	5.3	.906	None
SBR76-11089	3130-3150	24197	2.8	2.1	93.7	1.4	7.5	5.0	.905	None
SBR76-11090	3150-3170	23198	3.9	2.5	90.5	3.1	10.2	6.0	.907	None
SBR76-11091	3170-3190	24199	3.7	2.2	92.3	1.8	9.6	5.3	.908	None
SBR76-11092	3190-3210	24200	3.9	2.6	91.6	1.9	10.4	6.2	.900	None
SBR76-11093	3210-3230	24201	2.4	3.3	91.9	2.4	6.5	7.9	.906	None

See footnote at end of table.

Drill cuttings received May 17, 1976; assays made on air-dried samples

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Samples from Husky Oil Company's Trapper's Trail Unit-Federal Well 4-35

Surface elevation: 6,840 feet

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			Gal per ton					
		Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water			
Laramie	Their									
SBR76-11094	3230	24202	3.5	1.6	93.0	1.9	9.4	3.8	0.902	None
SBR76-11095	3230-3240	24203	3.8	2.0	91.8	2.4	9.9	4.8	.905	None
SBR76-11096	3240-3250	24204	4.8	2.2	91.1	1.9	12.5	5.3	.913	None
SBR76-11097	3250-3260	24205	6.7	2.2	88.8	2.3	17.7	5.3	.907	None
SBR76-11098	3260-3270	24206	6.3	2.1	89.6	2.0	16.7	5.0	.903	None
SBR76-11099	3270-3280	24207	6.0	2.6	89.1	2.3	15.8	6.2	.913	None
SBR76-11100	3280-3290	24208	4.4	2.2	91.8	1.6	11.5	5.3	.909	None
SBR76-11101	3290-3300	24209	5.3	1.8	91.1	1.8	14.1	4.3	.903	None
SBR76-11102	3300-3310	24272	5.4	2.2	91.2	1.2	14.4	5.3	.900	None
SBR76-11103	3310-3320	24211	5.4	2.6	90.2	1.8	14.1	6.2	.910	None
SBR76-11104	3340-3350	24212	.8	5.5	92.3	1.4	2.1a	13.2		None
SBR76-11105	3350-3360	24213	.7	3.8	94.4	1.1	1.8a	9.1		None
SBR76-11106	3366-3370	24214	.8	12.0	81.6	5.6	2.0a	28.8		None
SBR76-11107	3370-3380	24215	.6	6.5	89.7	3.2	1.6a	15.6		None
SBR76-11108	3380-3390	24216	1.3	4.8	90.2	3.7	3.3a	11.6		None
SBR76-11109	3390-3400	24217	1.3	6.0	89.5	3.2	3.5a	14.4		None
SBR76-11110	3423	24218	.8	4.4	92.1	2.7	2.0a	10.5		None
SBR76-11111	3440-3460	24219	.6	3.2	94.8	1.4	1.6a	7.7		None
SBR76-11112	3460-3480	24220	1.9	3.0	93.5	1.6	5.0a	7.2		None
SBR76-11113	3480-3500	24221	.7	3.2	94.9	1.2	1.8a	7.7		None
SBR76-11114	3500-3520	24222	2.5	2.4	92.2	2.9	6.8	5.8	.894	None
SBR76-11115	3520-3540	24223	.8	2.4	95.4	1.4	2.0a	5.8		None
SBR76-11116	3540-3560	24224	.7	2.5	96.0	.8	1.9a	6.0		None
SBR76-11117	3560-3580	24225	1.2	2.5	94.3	2.0	3.0a	5.9		None
SBR76-11118	3580-3595	24226	1.5	3.5	93.3	1.7	3.9a	8.4		None
SBR76-11119	3595	24227	1.6	2.8	94.4	1.2	4.1a	6.7		None
SBR76-11120	3595A	24228	1.5	2.9	94.2	1.4	3.8a	7.0		None

1/ "a"--indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "Trace,"
 "b"--less than 1 gal oil/ton, "c"--1 to 3 gal oil/ton.

Drill cuttings received May 17, 1976; assays made on air-dried samples