

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Chorney Oil Company's Lombard Canyon Unit Well C-2 drilled in the NW1/4SW1/4
(1,980 feet N/S, 660 feet E/W) of sec 24, T 25 N, R 108 W, Sweetwater County, Wyoming

Surface elevation 6,861 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water	coke	
SBR72-10996	400-410	78002	4.9	2.0	91.6	1.5	12.7	4.8	None	
SBR72-10997	410-420	78003	3.6	2.7	92.2	1.5	9.3	6.5	None	
SBR72-10998	420-430	78005	6.7	6.1	84.2	3.0	17.3	14.6	None	
SBR72-10999	430-440	78006	6.7	5.4	85.4	2.5	17.5	12.8	None	
SBR72-11000	440-450	78007	5.8	5.8	85.5	2.9	14.9	13.9	None	
SBR72-11001	450-460	78008	5.8	3.8	88.9	1.5	15.1	9.0	None	
SBR72-11002	460-470	78009	3.4	2.9	92.4	1.3	8.9	7.0	None	
SBR72-11003	470-480	78010	4.5	6.1	85.5	3.9	11.6a	14.7	None	
SBR72-11004	480-490	78011	17.3	5.8	70.8	6.1	45.0	13.8	None	
SBR72-11005	490-500	78012	11.0	2.1	83.9	3.0	28.9	5.0	None	
SBR72-11006	500-510	78013	7.9	1.8	88.3	2.0	20.8	4.3	None	
SBR72-11007	510-520	78014	8.5	1.1	88.5	1.9	22.6	2.6	None	
SBR72-11008	520-530	78015	9.3	1.3	87.3	2.1	24.6	3.1	None	
SBR72-11009	530-540	78016	9.3	1.1	87.1	2.5	24.5	2.6	None	
SBR72-11010	540-550	78017	11.0	1.0	85.0	3.0	29.1	2.4	None	
SBR72-11011	550-560	78018	9.2	1.0	87.3	2.5	24.4	2.4	None	
SBR72-11012	560-570	78019	7.2	.8	89.6	2.4	19.1	1.8	None	
SBR72-11013	570-580	78020	7.7	.8	89.0	2.5	20.3	2.0	None	
SBR72-11014	580-590	78021	6.8	.7	90.5	2.0	17.9	1.8	None	
SBR72-11015	590-600	78022	11.2	1.1	84.8	2.9	29.8	2.6	None	
SBR72-11016	600-610	78023	3.6	.9	93.6	1.9	9.6	2.0	None	
SBR72-11017	610-620	78024	5.9	1.0	91.0	2.1	15.5	2.3	None	
SBR72-11018	620-630	78025	6.6	.7	89.9	2.8	17.5	1.7	None	
SBR72-11019	630-640	78026	5.7	1.2	90.7	2.4	15.2	2.9	None	
SBR72-11020	640-650	78027	4.9	1.5	92.1	1.5	12.8	3.6	None	
SBR72-11021	650-660	78040	3.8	1.2	94.1	.9	10.0	2.9	None	
SBR72-11022	660-670	78041	3.0	1.3	94.4	1.3	8.0	3.1	None	
SBR72-11023	670-680	78042	2.4	1.4	95.4	.8	6.4	3.4	None	
SBR72-11024	680-690	78043	2.5	1.1	95.7	.7	6.6	2.6	None	
SBR72-11025	690-700	78044	2.4	.6	95.7	1.3	6.3	1.4	None	

See footnote at end of table.

Drill cutting samples received June 21, 1971; Assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Chorney Oil Company's Lombard Canyon Unit Well C-2 (con.)

Surface elevation 6,861 feet

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent		Gal per ton			Tendency to		
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water	coke	
SBR72-11026	700-710	78045	2.7	1.0	95.6	0.7	7.2	2.4	0.905	None
SBR72-11027	710-720	78046	2.4	.9	96.0	.7	6.4	2.2	.901	None
SBR72-11028	720-730	78047	1.3	.2	97.5	1.0	3.3a	.6		None
SBR72-11029	730-740	78048	.0	.2	99.2	.6	.1a	.6		None
SBR72-11030	740-750	78049	.1	.7	99.1	.1	.3a	1.7		None
SBR72-11031	750-760	78050	6.9	1.0	90.4	1.7	18.3	2.4	.899	None
SBR72-11032	760-770	78051	.7	.9	98.1	.3	1.9a	2.0		None
SBR72-11033	770-780	78052	2.5	.6	95.2	1.7	6.6	1.4	.908	None
SBR72-11034	780-790	78053	4.0	.9	93.7	1.4	10.5	2.2	.900	None
SBR72-11035	790-800	78054	1.1	1.0	97.1	.8	2.8a	2.4		None

^{1/} "a"--indicates specific gravity estimated as 0.92.

Drill cutting samples received June 21, 1971; Assays made on air-dried samples

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