

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Sinclair Oil and Gas Company's Tabyago Canyon Unit Well No. 2 drilled in  
C NE1/4NE1/4 of sec. 27, T. 14 S., R. 19 E., Uintah County, Utah

50' of 159.

Fig. 7102 Gr. - IWR sheet

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				
Laramie	Their		Oil	Water					Oil 1/	Water
SBR63-9821-25	0- 50						No oil			
SBR63-9826-27	50- 70						c			
SBR63-9828	70- 80						Trace			
SBR63-9829	80- 90						b			
SBR63-9830	90-100						c			
SBR63-9831	100-110	89077	0.2	1.0	97.8	1.0	0.6a	2.4		None
SBR63-9832	110-120	89078	.5	.5	98.0	1.0	1.4a	1.2		None
SBR63-9833	120-130	89079	.6	.9	97.6	.9	1.5a	2.1		None
SBR63-9834	130-140						c			
SBR63-9835	140-150						Trace			
SBR63-9836	150-160						c			
SBR63-9837	160-170						Trace			
SBR63-9838	170-180						No oil			
SBR63-9839	180-190	89080	6.5	1.8	90.3	1.4	17.0	4.4	0.908	None
SBR63-9840	190-200	89081	5.8	1.6	90.8	1.8	15.4	3.7	.912	None
SBR63-9841	200-210	89082	7.2	1.6	89.0	2.2	18.6	4.0	.921	None
SBR63-9842	210-220	89083	6.2	1.5	90.0	2.3	16.1	3.6	.922	None
SBR63-9843	220-230	89084	2.7	1.6	94.8	.9	7.1	3.8	.921	None
SBR63-9844	230-240	89085	2.4	1.8	95.2	.6	6.3	4.3	.905	None
SBR63-9845	240-250	89086	.7	1.6	97.0	.7	1.9a	3.8		None
SBR63-9846	250-260	89087	.6	1.8	96.8	.8	1.4a	4.3		None
SBR63-9847	260-270	89088	.6	1.6	97.5	.3	1.5a	3.8		None
SBR63-9848	270-280						c			
SBR63-9849	280-290	89089	.6	1.5	97.4	.5	1.5a	3.6		None
SBR63-9850	290-300	89090	.9	1.5	97.2	.4	2.3a	3.6		None
SBR63-9851	300-310	89091	.7	1.6	97.2	.5	1.8a	3.8		None
SBR63-9852	310-320						b			
SBR63-9853	320-330						c			
SBR63-9854	330-340						No oil			
SBR63-9855	340-350						c			

See footnotes at end of table.

Drill cutting samples received May 3, 1963; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Sinclair Oil and Gas Company's Tabyago Canyon Unit Well No. 2 (con.)

Sample number		Run No.	Yield of product				Specific gravity of oil at 60°/60° F.	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss		Gal. per ton		
Laramie	Their		Oil	Water					Oil 1/	Water
SBR63-9856	350- 360	89092	0.5	1.5	97.9	0.1	1.2a	3.6		None
SBR63-9857	360- 370	89093	.3	1.5	97.6	.6	.9a	3.6		None
SBR63-9858	370- 380						Trace			
SBR63-9859	380- 390	89094	.6	1.4	97.8	.2	1.5a	3.4		None
SBR63-9860	390- 400	89095	1.8	1.4	96.5	.3	4.7a	3.4		None
SBR63-9861-62	400- 420						No oil			
SBR63-9863	420- 430						b			
SBR63-9864-67	430- 470						No oil			
SBR63-9868	470- 480						Trace			
SBR63-9869-9903	480- 830						No oil			
SBR63-9904-05	830- 850						b			
SBR63-9906	850- 860						c			
SBR63-9907-63	860-1430						No oil			
SBR63-9964	1430-1440						c			
SBR63-9965	1440-1450						b			
SBR63-9966-88	1450-1680						No oil			
SBR63-9989	1680-1690						c			
SBR63-9990-92	1690-1720						No oil			
SBR63-9993-94	1720-1740						Trace			
SBR63-9995-10005	1740-1850						No oil			
SBR63-10006-07	1850-1870						Trace			
SBR63-10008	1870-1880						c			
SBR63-10009	1880-1890						No oil			
SBR63-10010	1890-1900						c			
SBR63-10011-42	1900-2220						No oil			
SBR63-10043	2220-2230						b			
SBR63-10044-73	2230-2530						No oil			
SBR63-10074	2530-2540						c			
SBR63-10075-77	2540-2570						No oil			

<sup>1/</sup> "a" indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "No oil", "Trace", "b"--less than 1 gal oil/ton, "c"--1 to 3 gal oil/ton.

Drill cutting samples received May 3, 1963; assays made on air-dried samples