

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6 drilled in the
NW1/4NE1/4NE1/4 (276 feet FNL, 945 feet FEL) of sec. 31, T 13 S, R 22 E, Uintah County, Utah

Surface elevation: 6,628 feet

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		Tendency to coke		
Laramie	Their		Oil	Water						Oil ^{1/}	Water
SBR76-2652	7.0 1.0-2.0 8.0	17248	0.0	1.5	98.2	0.3	No Oil	3.6			None
SBR76-2653	8.0 2.0-3.0 9.0	17249	.0	1.4	97.9	.7	No Oil	3.4			None
SBR76-2654	9.0 3.0-4.0 10.0	17250	.0	1.5	98.2	.3	No Oil	3.7			None
SBR76-2655	10.0 4.0-5.0 11.0	17251	.1	2.3	97.0	.6	.3a	5.5	.920		None
SBR76-2656	11.0 5.0-6.0 12.0	17252	.1	1.9	96.7	1.3	.3a	4.6	.920		None
SBR76-2657	12.0 6.0-7.0 13.0	17253	.0	2.3	96.5	1.2	No Oil	5.6			None
SBR76-2658	13.0 7.0-8.5 15.0	17254	.0	2.5	96.2	1.3	Trace	5.9			None
SBR76-2659	15.0 9.0-10.0 16.0	17255	2.6	4.0	92.1	1.3	7.1	9.6	0.897		None
SBR76-2660	16.0 10.0-11.0 17.0	17256	2.4	3.7	92.8	1.1	6.4	8.9	.901		None
SBR76-2661	17.0 11.0-12.0 18.0	17257	1.2	3.0	95.1	.7	3.1a	7.2	.920		None
SBR76-2662	18.0 12.0-13.0 19.0	17258	1.4	4.5	92.9	1.2	3.6a	10.8			None
SBR76-2663	19.0 13.0-14.0 20.0	17259	1.8	2.7	94.0	1.5	4.8a	6.5			None
SBR76-2664	20.0 14.0-15.4 21.4	17260	1.7	3.0	94.1	1.2	4.4a	7.1			None
SBR76-2665	21.4 15.4-16.8 22.8	17261	1.9	4.0	92.8	1.3	4.9a	9.6			None
SBR76-2666	22.8 16.8-18.0 24.0	17262	1.3	4.0	93.9	.8	3.3a	9.6			None
SBR76-2667	24.0 18.0-19.0 25.0	17265	2.3	3.8	92.0	1.9	6.1	9.1	.900		None
SBR76-2668	25.0 19.0-20.0 26.0	17266	1.6	2.5	94.1	1.8	4.2a	6.0	.920		None
SBR76-2669	26.0 20.0-21.0 27.0	17267	2.2	3.7	93.0	1.1	5.8	8.9	.901		None
SBR76-2670	27.0 21.0-22.0 28.0	17268	2.3	3.0	93.0	1.7	6.1	7.2	.909		None
SBR76-2671	28.0 22.0-22.9 28.9	17269	2.2	3.5	92.1	2.2	6.0	8.4	.901		None
SBR76-2672	28.9 22.9-24.0 30.0	17270	1.8	3.4	93.4	1.4	4.6a	8.1	.920		None
SBR76-2673	30.0 24.0-25.1 31.1	17271	4.0	2.7	91.5	1.8	10.6	6.5	.916		None
SBR76-2674	31.1 25.1-27.1 33.1	17272	1.7	2.3	94.4	1.6	4.5a	5.5	.920		None
SBR76-2675	33.1 27.1-28.3 34.3	17273	.0	1.6	97.6	.8	.1a	3.8			None
SBR76-2676	34.3 28.3-29.5 35.5	17274	.2	1.7	97.5	.6	.5a	4.1			None
SBR76-2677	35.5 29.5-30.6 36.6	17275	.2	2.0	96.4	1.4	.5a	4.8			None
SBR76-2678	36.6 30.6-31.6 37.6	17276	.5	3.0	95.8	.7	1.2a	7.2			None
SBR76-2679	37.6 31.6-33.0 39.0	17277	1.7	3.5	93.7	1.1	4.5a	8.4			None
SBR76-2680	39.0 33.0-34.6 40.6	17278	4.3	2.4	91.9	1.4	11.4	5.8	.903		None
SBR76-2681	40.6 34.6-36.2 42.2	17279	1.8	3.5	93.5	1.2	4.8a	8.4	.920		None

See footnote at end of table.

Core samples received October 15, 1975; assays made on air-dried samples

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OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 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	
SBR76-2682	42.2 36.2-37.2 43.2	17280	1.5	5.0	92.5	1.0	3.9a	12.0	.920	None	wavy-bedded tuff-tar sand
SBR76-2683	43.2 37.2-38.2 44.2	17281	1.3	5.0	92.7	1.0	3.4a	12.0	.920	None	
SBR76-2684	44.2 38.2-39.2 45.2	17282	4.2	3.5	91.1	1.2	11.2	8.4	0.898	None	
SBR76-2685	45.2 39.2-41.0 47.0	17283	5.2	1.6	92.0	1.2	13.8	3.8	.906	None	
SBR76-2686	47.0 41.0-41.9 47.9	17284	3.7	2.3	93.1	.9	9.8	5.5	.907	None	
SBR76-2687	47.9 41.9-43.1 49.1	17285	3.8	1.9	93.3	1.0	10.0	4.6	.913	None	
SBR76-2688	49.1 43.1-44.1 50.1	17286	4.1	.7	92.8	2.4	10.8	1.7	.916	None	
SBR76-2689	50.1 44.1-45.2 51.2	17287	6.1	1.9	90.2	1.8	16.0	4.6	.915	None	
SBR76-2690	51.2 45.2-46.1 52.1	17288	3.1	1.3	94.5	1.1	8.2	3.1	.920	None	
SBR76-2691	52.1 46.1-47.5 53.5	17289	1.5	1.5	95.9	1.1	3.9a	3.6	.920	None	
SBR76-2692	53.5 47.5-48.9 54.9	17290	1.8	1.5	95.3	1.4	4.7a	3.6	.920	None	
SBR76-2693	54.9 48.9-50.4 56.4	17291	3.3	1.3	94.0	1.4	8.5	3.1	.922	None	
SBR76-2694	56.4 50.4-51.7 57.7	17292	1.5	1.7	96.3	.5	3.9a	4.1	.920	None	
SBR76-2695	57.7 51.7-53.0 59.0	17293	2.1	1.7	95.6	.6	5.4	4.1	.918	None	
SBR76-2696	59.0 53.0-54.0 60.0	17294	1.8	2.1	95.0	1.1	4.6a	5.0	.920	None	
SBR76-2697	60.0 54.0-55.1 61.1	17295	.6	.9	97.3	1.2	1.7a	2.2		None	
SBR76-2698	61.1 55.1-56.1 62.1	17296	1.2	1.7	96.6	.5	3.2a	4.1	↓	None	
SBR76-2699	62.1 56.1-57.4 63.4	17297	3.5	1.6	92.1	2.8	9.1	3.8	.917	None	
SBR76-2700	63.4 57.4-58.4 64.4	17298	3.9	1.7	93.4	1.0	10.2	4.1	.919	None	
SBR76-2701	64.4 58.4-59.3 65.3	17299	2.6	1.5	94.9	1.0	6.8	3.6	.924	None	
SBR76-2702	65.3 59.3-60.4 66.4	17300	1.3	.9	96.5	1.3	3.4a	2.2	.920	None	
SBR76-2703	66.4 60.4-61.6 67.6	17301	2.3	1.2	96.0	.5	6.0	2.9	.914	None	
SBR76-2704	67.6 61.6-62.8 68.8	17302	6.4	1.5	90.9	1.2	16.7	3.6	.918	None	
SBR76-2705	68.8 62.8-63.8 69.8	17303	2.7	1.0	95.5	.8	7.0	2.4	.923	None	
SBR76-2706	69.8 63.8-65.0 71.0	17304	3.6	1.5	93.8	1.1	9.3	3.7	.920	None	
SBR76-2707	71.0 65.0-66.6 72.6	17305	3.7	1.8	93.2	1.3	9.6	4.3	.921	None	
SBR76-2708	72.6 66.6-67.9 73.9	17306	3.3	1.8	93.8	1.1	8.7	4.3	.924	None	
SBR76-2709	73.9 67.9-68.9 74.9	17307	4.9	1.3	92.5	1.3	12.9	3.1	.916	None	
SBR76-2710	74.9 68.9-70.4 76.4	17308	8.9	1.8	87.2	2.1	23.4	4.3	.916	None	
SBR76-2711	76.4 70.4-71.5 77.5	17309	3.7	1.3	93.7	1.3	9.6	3.1	.916	None	

See footnote at end of table.

Core samples received October 15, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 feet

			Yield of product						Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
Sample number		Run No.	Weight percent		Spent shale	Gas + loss	Gal per ton			Tendency to coke		
			Oil	Water			Oil ^{1/}	Water				
Laramie	Their											
SBR76-2712	77.5 71.5-72.8 78.8	17310	4.0	1.3	93.5	1.2	10.5	3.1	0.911	None		
SBR76-2713	78.8 72.8-74.1 80.1	17311	10.8	1.2	85.8	2.2	28.4	2.8	.913	None		
SBR76-2714	80.1 74.1-75.4 81.4	17312	4.2	1.4	93.4	1.0	10.9	3.5	.917	None		
SBR76-2715	81.4 75.4-77.0 83.0	17313	1.4	1.4	96.7	.5	3.7a	3.4	.920	None		Top A-groove
SBR76-2716	83.0 77.0-78.6 84.6	17314	.8	1.0	97.3	.9	2.1a	2.4	↓	None		
SBR76-2717	84.6 78.6-79.7 85.7	17315	.9	.4	97.8	.9	2.5a	1.0	✓	None		
SBR76-2718	85.7 79.7-81.4 87.4	17316	2.5	1.5	95.1	.9	6.5	3.6	.919	None		
SBR76-2719	87.4 81.4-83.3 89.3	17317	.8	.2	98.3	.7	2.2a	.5	.920	None		
SBR76-2720	89.3 83.3-84.7 90.7	17318	.6	.8	98.0	.6	1.6a	1.9	↓	None		
SBR76-2721	90.7 84.7-86.1 92.1	17319	.5	.6	98.6	.3	1.2a	1.4	↓	None		
SBR76-2722	92.1 86.1-87.6 93.6	17320	.4	.6	98.1	.9	1.1a	1.4	↓	None		
SBR76-2723	93.6 87.6-89.0 95.0	17321	.4	.4	98.2	1.0	1.0a	1.0	↓	None		
SBR76-2724	95.0 89.0-90.6 96.6	17322	.3	.6	98.1	1.0	.7a	1.4	↓	None		
SBR76-2725	96.6 90.6-91.6 97.6	17323	.5	1.1	97.0	1.4	1.4a	2.6	↓	None		Bottom A-groove
SBR76-2726	97.6 91.6-93.2 99.2	17324	3.3	1.9	93.7	1.1	8.8	4.6	.904	None		
SBR76-2727	99.2 93.2-94.5 100.5	17325	2.0	1.3	96.0	.7	5.2a	3.1	.920	None		
SBR76-2728	100.5 94.5-95.5 101.5	17326	1.1	1.3	96.5	1.1	2.8a	3.1	↓	None		
SBR76-2729	101.5 95.5-96.7 102.7	17327	1.9	2.0	95.6	.5	5.0a	4.7	↓	None		
SBR76-2730	102.7 96.7-97.6 103.6	17328	2.5	2.1	94.6	.8	6.6	5.0	.904	None		
SBR76-2731	103.6 97.6-99.0 105.0	17329	6.3	1.9	90.3	1.5	16.5	4.6	.914	None		
SBR76-2732	105.0 99.0-100.6 106.6	17330	3.5	1.8	93.6	1.1	9.3	4.3	.912	None		
SBR76-2733	106.6 100.6-102.2 108.2	17331	2.5	1.0	94.4	2.1	6.6	2.4	.910	None		
SBR76-2734	108.2 102.2-103.4 109.4	17332	2.5	.9	95.9	.7	6.5	2.2	.910	None		
SBR76-2735	109.4 103.4-104.8 110.8	17333	3.0	1.8	94.1	1.1	7.8	4.3	.914	None		
SBR76-2736	110.8 104.8-106.4 112.4	17334	3.1	1.1	93.4	2.4	8.2	2.6	.918	None		
SBR76-2737	112.4 106.4-108.0 114.0	17384	7.5	1.4	89.4	1.7	20.0	3.4	.903	None		
SBR76-2738	114.0 108.0-109.6 115.6	17336	7.7	1.7	88.7	1.9	20.4	4.1	.906	None		
SBR76-2739	115.6 109.6-111.1 117.1	17337	15.3	1.3	80.2	3.2	40.7	3.1	.899	None		
SBR76-2740	117.1 111.1-112.4 118.4	17338	6.4	.8	90.2	2.6	17.1	1.9	.898	None		
SBR76-2741	118.4 112.4-113.6 119.6	17339	3.6	1.1	93.3	2.0	9.6	2.6	.906	None		

See footnote at end of table.

Core samples received October 15, 1976; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 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 coke		
			Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water				
Laramie	Their											
SBR76-2742	119.6 113.6-114.5	120.5/17340	3.7	1.3	93.8	1.2	9.8	3.1	0.909		None	
SBR76-2743	120.5 114.5-115.6	121.6/17341	2.9	1.0	94.4	1.7	7.6	2.4	.921		None	
SBR76-2744	121.6 115.6-117.1	123.1/17342	1.5	.9	97.1	.5	4.0a	2.2	.920		None	
SBR76-2745	123.1 117.1-118.1	124.1/17343	1.8	.4	96.1	1.7	4.7a	1.0	.920		None	
SBR76-2746	124.1 118.1-119.1	125.1/17344	2.4	1.0	95.8	.8	6.3	2.4	.920		None	
SBR76-2747	125.1 119.1-120.4	126.4/17345	4.6	1.1	92.5	1.8	12.2	2.6	.914		None	
SBR76-2748	126.4 120.4-122.2	128.2/17346	3.6	.9	94.4	1.1	9.5	2.2	.917		None	
SBR76-2749	128.2 122.2-123.4	129.4/17395	1.2	.9	97.2	.7	3.0a	2.2	.920		None	
SBR76-2750	129.4 123.4-124.3	130.3/17348	1.4	.5	96.7	1.4	3.7a	1.2	↓		None	
SBR76-2751	130.3 124.3-125.7	131.7/17349	1.5	.6	97.2	.7	3.9a	1.4	↓		None	
SBR76-2752	131.7 125.7-126.8	132.8/17350	2.5	.9	95.1	1.5	6.5	2.2	.910		None	
SBR76-2753	132.8 126.8-128.5	134.5/17351	1.4	.9	96.9	.8	3.8a	2.2	.920		None	
SBR76-2754	134.5 128.5-129.8	135.8/17352	2.0	1.2	96.3	.5	5.1a	2.9	.920		None	Mahogany marker:
SBR76-2755	135.8 129.8-130.9	136.9/17353	2.3	.7	96.4	.6	6.0	1.7	.913		None	128.6-128.9
SBR76-2756	136.9 130.9-132.1	138.1/17354	1.5	.4	97.3	.8	3.9a	1.0	.920		None	134.6-134.9 ?
SBR76-2757	138.1 132.1-133.7	139.7/17355	1.5	.5	97.3	.7	3.9a	1.2	.920		None	
SBR76-2758	139.7 133.7-135.0	141.0/17356	2.4	1.8	94.8	1.0	6.4	4.3	.904		None	
SBR76-2759	141.0 135.0-136.0	142.0/17357	4.2	.9	93.5	1.4	11.1	2.2	.905		None	
SBR76-2760	142.0 136.0-137.0	143.0/17358	13.9	1.7	82.0	2.4	36.5	4.1	.915		None	
SBR76-2761	143.0 137.0-137.8	143.8/17408	7.7	1.2	89.2	1.9	20.5	2.9	.902		None	
SBR76-2762	143.8 137.8-138.8	144.8/17360	8.0	1.2	89.3	1.5	21.2	2.9	.900		None	
SBR76-2763	144.8 138.8-140.3	146.3/17361	11.6	1.2	85.2	2.0	30.6	2.9	.911		None	
SBR76-2764	*146.3-147.6	17362	12.7	.5	83.7	3.1	33.4	1.2	.910		None	
SBR76-2765	147.6-149.3	17363	21.8	2.1	71.4	4.7	57.8	5.0	.906		Slight	Correction*
SBR76-2766	149.3-150.6	17364	15.6	.7	77.2	6.5	41.3	1.7	.907		None	Mahogany bed:
SBR76-2767	150.6-151.6	17365	19.0	1.7	74.8	4.5	49.4	4.1	.920		None	148.2-149.3
SBR76-2768	151.6-152.6	17366	6.3	1.1	90.7	1.9	16.5	2.6	.922		None	
SBR76-2769	152.6-154.2	17367	6.1	.8	91.0	2.1	15.9	1.9	.916		None	
SBR76-2770	154.2-155.3	17368	8.6	.8	89.0	1.6	22.4	1.9	.920		None	
SBR76-2771	155.3-156.3	17369	5.0	.4	93.2	1.4	13.1	1.0	.918		None	

*See footnote at end of table.

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Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 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	
SBR76-2772	156.3-157.3	17370	6.7	0.5	91.6	1.2	17.5	1.2	0.911	None	
SBR76-2773	157.3-158.5	17428	15.7	1.4	80.0	2.9	41.4	3.4	.909	None	
SBR76-2774	158.5-160.0	17372	4.5	1.3	93.0	1.2	11.9	3.1	.897	None	
SBR76-2775	160.0-161.5	17373	7.5	1.2	90.2	1.1	19.8	2.9	.904	None	
SBR76-2776	161.5-162.3	17374	2.8	.2	96.3	.7	7.5	.5	.901	None	
SBR76-2777	162.3-163.6	17375	8.7	1.5	86.5	3.3	22.9	3.6	.914	None	
SBR76-2778	163.6-165.5	17376	2.7	1.8	95.0	.5	7.1	4.3	.914	None	
SBR76-2779	165.5-167.5	17377	2.3	.4	96.6	.7	5.9a	1.0	.920	None	
SBR76-2780	167.5-168.6	17378	8.1	1.5	88.9	1.5	21.5	3.6	.906	None	
SBR76-2781	168.6-169.6	17379	8.0	1.1	88.3	2.6	21.7	2.6	.888	None	
SBR76-2782	169.6-170.7	17380	6.7	1.1	90.8	1.4	17.8	2.6	.896	None	
SBR76-2783	170.7-171.7	17381	5.7	1.1	91.7	1.5	15.1	2.6	.901	None	
SBR76-2784	171.7-172.6	17382	6.7	.6	89.5	3.2	17.9	1.4	.895	None	
SBR76-2785	172.6-173.6	17383	4.9	1.5	92.3	1.3	13.2	3.6	.893	None	
SBR76-2786	173.6-174.9	17385	3.3	.9	94.9	.9	8.6	2.2	.910	None	
SBR76-2787	174.9-176.0	17386	.8	.1	98.4	.7	2.1a	.2	.920	None	
SBR76-2788	176.0-177.2	17387	1.5	.2	97.6	.7	3.9a	.5	.920	None	
SBR76-2789	177.2-178.4	17388	3.3	1.5	94.6	.6	8.6	3.6	.913	None	
SBR76-2790	178.4-179.4	17389	7.8	1.5	89.2	1.5	20.4	3.6	.923	None	
SBR76-2791	179.4-180.4	17390	2.7	1.3	95.6	.4	7.1	3.1	.917	None	
SBR76-2792	180.4-181.6	17391	1.1	.1	97.9	.9	2.8a	.2	.920	None	
SBR76-2793	181.6-182.6	17392	.6	.2	98.6	.6	1.5a	.5		None	
SBR76-2794	182.6-183.8	17393	1.3	.1	97.5	1.1	3.5a	.2		None	
SBR76-2795	183.8-185.1	17394	2.3	.8	96.0	.9	6.1a	1.9		None	
SBR76-2796	185.1-185.8	17396	5.5	1.0	91.9	1.6	14.7	2.3	.904	None	
SBR76-2797	185.8-186.8	17397	3.8	.6	94.9	.7	10.3	1.4	.882	None	
SBR76-2798	186.8-188.7	17398	.8	.9	97.6	.7	2.1a	2.2	.920	None	
SBR76-2799	188.7-190.6	17399	.0	1.5	98.2	.3	Trace	3.5		None	
SBR76-2800	190.6-191.8	17400	.2	1.3	98.0	.5	.4a	3.1	.920	None	
SBR76-2801	191.8-193.2	17401	.0	2.0	97.5	.5	Trace	4.7		None	

See footnote at end of table.

Core samples received October 15, 1975; assays made on air-dried samples

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OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 feet

			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			Tendency to coke		
Sample number	Run No.	Oil	Water	Oil ^{1/}			Water					
Laramie	Their											
SBR76-2802	193.2-194.2	17402	0.9	2.7	96.2	0.2	2.3a	6.5	.920	None		
SBR76-2803	194.2-195.7	17403	1.1	1.8	95.8	1.3	2.8a	4.3		None		
SBR76-2804	195.7-196.9	17404	.2	1.7	97.3	.8	.5a	4.1		None		
SBR76-2805	196.9-198.3	17405	2.0	1.0	95.9	1.1	5.1a	2.4		None		
SBR76-2806	198.3-199.8	17406	9.5	1.3	87.3	1.9	24.9	3.1	0.918	None		
SBR76-2807	199.8-200.8	17407	1.7	1.2	96.1	1.0	4.3a	2.9	.920	None		
SBR76-2808	200.8-201.7	17409	.3	1.8	97.4	.5	.9a	4.3		None		
SBR76-2809	201.7-203.6	17410	.9	1.6	96.4	1.1	2.4a	3.8		None		
SBR76-2810	203.6-205.1	17411	.9	1.9	96.5	.7	2.2a	4.6		None		
SBR76-2811	205.1-206.4	17412	1.4	1.2	96.7	.7	3.8a	2.9		None		
SBR76-2812	206.4-207.3	17413	4.5	1.7	91.7	2.1	11.8	4.1	.912	None		
SBR76-2813	207.3-208.0	17414	11.6	1.5	84.4	2.5	30.5	3.6	.914	None		
SBR76-2814	208.0-209.5	17415	1.9	.6	96.1	1.4	5.0a	1.4	.920	None	Partly tar sand	
SBR76-2815	209.5-211.0	17416	2.6	1.4	95.2	.8	6.8	3.4	.911	None		
SBR76-2816	211.0-212.3	17417	4.5	2.2	92.0	1.3	11.9	5.3	.907	None	Tar sand	
SBR76-2817	212.3-213.0	17418	5.0	2.0	91.7	1.3	13.3	4.8	.909	None		
SBR76-2818	213.0-214.3	17419	.5	.8	97.9	.8	1.2a	1.9	.920	None		
SBR76-2819	214.3-215.2	17420	1.4	.2	97.6	.8	3.8a	.4		None	Partly tar sand	
SBR76-2820	215.2-216.1	17421	.6	.3	98.4	.7	1.7a	.7		None		
SBR76-2821	216.1-217.7	17422	.2	.2	98.7	.9	.5a	.5		None		
SBR76-2822	217.7-218.8	17423	.5	.4	98.0	1.1	1.3a	1.1		None		
SBR76-2823	218.8-219.8	17424	.5	.5	98.5	.5	1.3a	1.2		None		
SBR76-2824	219.8-220.8	17425	1.8	.3	97.4	.5	4.6a	.7		None		
SBR76-2825	220.8-222.0	17426	2.0	1.5	95.4	1.1	5.1a	3.6		None		
SBR76-2826	222.0-222.8	17427	.3	.8	98.4	.5	.7a	1.9		None		
SBR76-2827	222.8-223.5	17433	.5	.1	98.9	.5	1.3a	.2		None		
SBR76-2828	223.5-225.0	17434	3.0	.0	96.0	1.0	7.8	.0	.917	None	Tar sand	
SBR76-2829	225.0-226.0	17435	2.8	.0	96.3	.9	7.4	.0	.920	None	Tar sand	
SBR76-2830	226.0-227.0	17436	8.1	.7	89.8	1.4	21.4	1.7	.914	None		
SBR76-2831	227.0-228.4	17437	2.8	.8	95.6	.8	7.5	1.9	.902	None		

See footnote at end of table.

Core samples received October 15, 1975; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 6

Surface elevation: 6,628 feet

			Yield of product						Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
Sample number		Run No.	Weight percent			Gal per ton				Tendency to coke		
			Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water				
Laramie	Their											
SBR76-2832	228.4-229.7	17438	2.9	0.8	95.5	0.8	7.7	1.9	.903	None		
SBR76-2833	229.7-230.9	17439	8.8	.7	87.4	3.1	23.4	1.7	.903	None		
SBR76-2834	230.9-231.9	17440	3.8	1.2	93.8	1.2	10.2	2.9	.899	None		
SBR76-2835	231.9-233.4	17441	1.8	.6	96.4	1.2	4.8a	1.4	.920	None		
SBR76-2836	233.4-234.5	17442	3.5	1.4	93.8	1.3	9.2	3.4	.902	None		
SBR76-2837	234.5-235.5	17443	.5	.9	97.9	.7	1.4a	2.2	.920	None		

^{1/} "a"--indicates specific gravity estimated as 0.92.* No core is missing--pipe tally indicated that hole was 6 feet deeper than our measurements.

Core samples received October 15, 1975; assays made on air-dried samples