

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10 drilled in the  
SW1/4SE1/4NW1/4 (2542 feet FNL, 1807 feet FWL) of sec. 10, T 13 S, R 24 E, S.L.M., Uintah County, Utah

Surface elevation: 6,677 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		Spent shale	Gas + loss	Gal per ton				
			Oil	Water			Oil <sup>1/</sup>	Water			
Laramie	Their										
SBR76-2373	5.0-6.3	16964	3.5	1.1	93.9	1.5	9.2	2.6	0.912	None	
SBR76-2374	6.3-7.5	16965	3.7	1.4	94.3	.6	9.8	3.4	.906	None	
SBR76-2375	7.5-8.8	16966	4.2	1.1	93.6	1.1	11.2	2.6	.906	None	
SBR76-2376	8.8-10.1	16967	4.9	1.0	92.9	1.2	12.8	2.4	.914	None	
SBR76-2377	10.1-11.2	16968	5.0	1.2	92.6	1.2	13.2	2.9	.907	None	
SBR76-2378	11.2-13.1	16969	4.9	1.1	92.9	1.1	13.0	2.6	.905	None	
SBR76-2379	13.1-14.2	16970	11.0	1.1	85.6	2.3	29.0	2.6	.910	None	
SBR76-2380	14.2-15.7	16971	6.8	.9	90.1	2.2	18.0	2.3	.909	None	
SBR76-2381	15.7-16.7	16972	7.6	.9	89.1	2.4	20.1	2.2	.910	None	
SBR76-2382	16.7-18.7	16973	3.8	1.0	93.6	1.6	9.9	2.4	.913	None	
SBR76-2383	18.7-20.0	16974	3.4	1.1	94.5	1.0	9.0	2.6	.917	None	
SBR76-2384	20.0-21.0	16975	4.9	.9	92.4	1.8	13.0	2.2	.912	None	
SBR76-2385	21.0-22.3	16976	2.5	1.8	94.7	1.0	6.6	4.3	.913	None	
SBR76-2386	22.3-23.7	16977	2.6	1.3	95.6	.5	6.7	3.1	.914	None	
SBR76-2387	23.7-25.2	16978	6.3	.9	90.8	2.0	16.6	2.2	.913	None	
SBR76-2388	25.2-26.9	16979	3.7	1.6	93.9	.8	9.8	3.8	.912	None	
SBR76-2389	26.9-28.6	16980	2.2	1.1	95.8	.9	5.8	2.6	.913	None	
SBR76-2390	28.6-29.8	17060	5.3	.8	92.0	1.9	13.9	1.9	.917	None	
SBR76-2391	29.8-30.8	16982	3.4	1.5	94.4	.7	8.9	3.6	.905	None	
SBR76-2392	30.8-32.4	16983	1.7	1.7	95.9	.7	4.4a	4.1	.920	None	
SBR76-2393	32.4-33.9	16984	2.6	1.4	94.8	1.2	7.0	3.5	.908	None	
SBR76-2394	33.9-35.4	16985	2.3	1.4	95.9	.4	6.0	3.4	.912	None	
SBR76-2395	35.4-36.7	16986	7.9	1.9	88.5	1.7	20.5	4.6	.917	None	
SBR76-2396	36.7-38.0	16987	2.9	1.4	95.1	.6	7.6	3.4	.912	None	
SBR76-2397	38.0-39.2	17059	2.6	1.2	95.2	1.0	6.9	2.9	.913	None	
SBR76-2398	39.2-40.4	16989	2.4	1.2	95.8	.6	6.2	2.9	.917	None	
SBR76-2399	40.4-41.4	16990	8.5	1.0	88.2	2.3	22.3	2.5	.918	None	
SBR76-2400	41.4-42.5	16991	2.6	1.3	95.5	.6	6.8	3.1	.921	None	
SBR76-2401	42.5-43.5	16992	1.9	1.3	96.1	.7	4.9a	3.1	.920	None	
SBR76-2402	43.5-44.5	16993	2.2	1.3	95.4	1.1	5.8	3.1	.923	None	

See footnote at end of table.

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677 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		Spent shale	Gas + loss	Gal per ton				
Laramie	Their		Oil	Water					Oil <sup>1/</sup>	Water	
SBR76-2403	44.5-45.5	16994	3.5	1.1	94.5	0.9	9.2	2.6	0.919	None	
SBR76-2404	45.5-46.5	16995	9.6	1.0	87.0	2.4	25.0	2.4	.923	None	
SBR76-2405	46.5-47.9	16996	2.7	1.3	95.5	.5	7.0	3.1	.917	None	
SBR76-2406	47.9-48.9	16997	2.3	1.3	95.5	.9	6.0	3.1	.915	None	
SBR76-2407	48.9-49.8	16998	2.1	.9	95.0	2.0	5.4	2.2	.918	None	
SBR76-2408	49.8-50.8	16999	5.7	1.4	91.6	1.3	14.8	3.4	.917	None	
SBR76-2409	50.8-51.9	17058	13.2	1.9	82.3	2.6	34.1	4.6	.928	None	
SBR76-2410	51.9-52.9	17001	2.5	1.4	95.7	.4	6.4	3.4	.921	None	
SBR76-2411	52.9-54.0	17002	2.0	.9	95.9	1.2	5.1a	2.2	.920	None	
SBR76-2412	54.0-55.6	17003	2.1	1.3	95.4	1.2	5.5	3.1	.921	None	
SBR76-2413	55.6-57.0	17004	4.5	1.4	93.2	.9	11.6	3.4	.918	None	
SBR76-2414	57.0-58.1	17005	3.4	1.9	92.7	2.0	9.0	4.6	.921	None	
SBR76-2415	58.1-59.3	17006	4.1	1.3	93.6	1.0	10.8	3.2	.917	None	
SBR76-2416	59.3-60.3	17007	13.5	1.2	81.8	3.6	34.9	2.9	.924	None	
SBR76-2417	60.3-61.8	17008	3.1	1.2	94.7	1.0	8.1	2.9	.916	None	
SBR76-2418	61.8-63.5	17009	.8	1.2	97.2	.8	2.2a	2.9	.920	None	
SBR76-2419	63.5-64.8	17010	2.6	1.8	94.7	.9	6.9	4.3	.920	None	
SBR76-2420	64.8-65.8	17011	6.9	1.3	90.3	1.5	18.2	3.1	.916	None	
SBR76-2421	65.8-67.2	17012	3.0	1.1	94.5	1.4	7.7	2.6	.919	None	
SBR76-2422	67.2-68.6	17013	3.3	1.5	94.3	.9	8.7	3.6	.915	None	
SBR76-2423	68.6-70.0	17014	6.1	1.7	91.2	1.0	16.0	4.1	.914	None	
SBR76-2424	70.0-71.3	17015	3.8	1.2	93.5	1.5	10.1	2.9	.915	None	
SBR76-2425	71.3-72.7	17016	2.8	1.1	95.3	.8	7.3	2.6	.920	None	
SBR76-2426	72.7-73.9	17017	3.6	1.4	93.5	1.5	9.4	3.4	.925	None	
SBR76-2427	73.9-75.2	17018	6.0	1.8	90.4	1.8	15.9	4.3	.913	None	
SBR76-2428	75.2-76.3	17019	4.0	1.6	93.2	1.2	10.4	3.8	.929	None	
SBR76-2429	76.3-77.6	17020	3.4	1.7	93.9	1.0	8.9	4.1	.927	None	
SBR76-2430	77.6-78.5	17021	4.2	1.5	93.3	1.0	10.8	3.6	.925	None	
SBR76-2431	78.5-79.5	17022	3.7	1.6	93.7	1.0	9.7	3.8	.924	None	
SBR76-2432	79.5-80.6	17023	3.7	1.8	93.7	.8	9.6	4.3	.917	None	

See footnote at end of table.

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677 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 <sup>1/</sup>		Water	
SBR76-2433	80.6-81.7	17024	3.8	1.8	93.4	1.0	10.0	4.3	0.922	None		
SBR76-2434	81.7-82.8	17025	3.1	1.8	94.0	1.1	8.1	4.3	.921	None		
SBR76-2435	82.8-83.8	17026	4.6	1.1	92.8	1.5	12.0	2.6	.919	None		
SBR76-2436	83.8-85.2	17027	2.7	1.4	95.4	.5	7.1	3.4	.920	None		
SBR76-2437	85.2-86.6	17028	1.4	1.1	96.8	.7	3.7a	2.6	.920	None		
SBR76-2438	86.6-87.8	17029	3.3	1.2	94.7	.8	8.7	2.9	.918	None		
SBR76-2439	87.8-88.8	17030	4.0	1.4	93.8	.8	10.4	3.4	.919	None		
SBR76-2440	88.8-89.8	17031	3.3	1.1	95.4	.2	8.6	2.6	.924	None		
SBR76-2441	89.8-90.8	17032	3.8	1.2	93.9	1.1	9.7	2.9	.926	None		
SBR76-2442	90.8-91.8	17033	4.7	.4	93.4	1.5	12.1	1.0	.929	None		
SBR76-2443	91.8-92.8	17034	8.5	2.3	87.8	1.4	22.1	5.5	.925	None		
SBR76-2444	92.8-93.8	17035	5.9	3.0	89.2	1.9	15.4	7.2	.924	None		
SBR76-2445	93.8-95.5	17036	5.6	.4	92.6	1.4	14.5	1.0	.926	None		
SBR76-2446	95.5-96.5	17037	3.2	.5	95.8	.5	8.2	1.2	.925	None		
SBR76-2447	96.5-97.6	17038	2.1	.5	96.5	.9	5.5	1.1	.926	None		
SBR76-2448	97.6-98.6	17039	3.4	.7	95.4	.5	8.9	1.7	.926	None		
SBR76-2449	98.6-99.6	17040	4.2	.7	94.1	1.0	10.8	1.7	.928	None		
SBR76-2450	99.6-100.9	17041	2.2	1.3	96.0	.5	5.9	3.0	.922	None		
SBR76-2451	100.9-101.9	17042	2.9	1.1	95.4	.6	7.5	2.6	.921	None		
SBR76-2452	101.9-103.6	17043	2.2	.8	95.4	1.6	5.8	1.9	.920	None		
SBR76-2453	103.6-105.0	17044	4.8	.7	93.3	1.2	12.6	1.7	.920	None		
SBR76-2454	105.0-106.0	17045	2.7	.8	95.6	.9	7.0	1.9	.921	None		
SBR76-2455	106.0-106.9	17046	2.4	.4	95.2	2.0	6.4	1.0	.919	None		
SBR76-2456	106.9-108.4	17047	11.0	1.0	85.7	2.3	28.5	2.5	.924	None		
SBR76-2457	108.4-110.0	17048	3.8	1.0	94.3	.9	9.8	2.3	.924	None		
SBR76-2458	110.0-111.2	17049	4.7	.9	91.3	3.1	12.2	2.2	.921	None		
SBR76-2459	111.2-112.5	17050	5.1	.6	92.4	1.9	13.5	1.4	.917	None		
SBR76-2460	112.5-113.4	17051	11.8	1.0	84.2	3.0	31.2	2.4	.904	None		
SBR76-2461	113.4-114.3	17052	5.5	1.0	92.2	1.3	14.5	2.4	.913	None		
SBR76-2462	114.3-115.7	17053	5.0	.8	92.1	2.1	13.3	1.9	.912	None		

See footnote at end of table.

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677 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		Spent shale	Gas + loss					
Laramie	Their		Oil	Water					Oil <sup>1/</sup>	Water	
SBR76-2463	115.7-116.6	17054	14.2	1.4	81.6	2.8	37.3	3.4	0.912	None	
SBR76-2464	116.6-117.4	17055	5.1	.5	92.1	2.3	13.3	1.2	.925	None	
SBR76-2465	117.4-119.2	17056	1.9	.9	96.5	.7	5.1a	2.2	.920	None	
SBR76-2466	119.2-120.1	17057	1.2	.5	97.4	.9	3.1	1.2	↓	None	
SBR76-2467	120.1-121.2	17061	1.5	.4	97.5	.6	3.8a	1.0	↓	None	
SBR76-2468	121.2-122.6	17062	2.4	.5	96.0	1.1	6.1	1.2	.924	None	
SBR76-2469	122.6-123.9	17063	1.0	.7	97.9	.4	2.7a	1.7	.920	None	
SBR76-2470	123.9-125.0	17064	.6	.5	98.5	.4	1.5a	1.2	↓	None	
SBR76-2471	125.0-126.0	17065	.8	.5	98.3	.4	2.0a	1.2	↓	None	
SBR76-2472	126.0-127.3	17066	3.8	1.0	94.1	1.1	10.1	2.4	.908	None	
SBR76-2473	127.3-128.6	17067	4.2	.6	93.2	2.0	10.9	1.4	.915	None	
SBR76-2474	128.6-129.6	17068	12.2	1.4	83.6	2.8	32.2	3.4	.910	None	
SBR76-2475	129.6-130.6	17069	6.2	.6	91.5	1.7	16.4	1.4	.908	None	
SBR76-2476	130.6-131.6	17070	4.9	.9	92.8	1.4	13.0	2.2	.910	None	
SBR76-2477	131.6-133.1	17071	3.3	.8	94.8	1.1	8.7	1.9	.918	None	
SBR76-2478	133.1-135.0	17072	10.4	1.4	85.9	2.3	27.2	3.4	.921	None	
SBR76-2479	135.0-136.1	17073	8.5	.7	89.1	1.7	22.3	1.7	.914	None	
SBR76-2480	136.1-137.3	17120	12.7	.9	84.1	2.3	33.8	2.1	.900	None	
SBR76-2481	137.3-138.4	17075	17.0	1.2	78.6	3.2	45.1	2.9	.907	None	
SBR76-2482	138.4-139.4	17076	9.2	.5	88.3	2.0	24.4	1.2	.898	None	
SBR76-2483	139.4-140.8	17077	6.5	.8	91.2	1.5	17.0	1.9	.911	None	
SBR76-2484	140.8-142.3	17078	3.9	.7	94.3	1.1	10.1	1.7	.920	None	
SBR76-2485	142.3-143.8	17079	7.8	.4	90.1	1.7	20.6	1.0	.908	None	
SBR76-2486	143.8-145.4	17080	4.3	.3	94.3	1.1	11.3	.7	.910	None	
SBR76-2487	145.4-146.7	17081	3.9	.6	94.4	1.1	10.0	1.4	.925	None	146.3-146.7;
SBR76-2488	146.7-147.7	17082	3.8	.3	94.8	1.1	9.9	.7	.914	None	Mahogany marker
SBR76-2489	147.7-148.6	17083	3.0	.5	95.7	.8	7.9	1.2	.907	None	
SBR76-2490	148.6-149.6	17084	3.7	.6	94.8	.9	9.7	1.4	.905	None	
SBR76-2491	149.6-150.7	17085	4.4	.4	94.0	1.2	11.6	1.0	.908	None	
SBR76-2492	150.7-152.2	17126	14.2	1.1	81.4	3.3	36.9	2.6	.921	None	

See footnote at end of table.

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677

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	Water	
SBR76-2493	152.2-153.2	17087	8.0	0.5	89.5	2.0	21.2	1.2	0.901	None	
SBR76-2494	153.2-154.4	17088	6.9	.7	90.3	2.1	18.3	1.7	.908	None	Mahogany zone
SBR76-2495	154.4-156.0	17089	13.0	1.0	83.1	2.9	34.5	2.4	.906	None	Mahogany zone
SBR76-2496	156.0-157.2	17090	26.8	2.0	66.2	5.0	71.5	4.8	.898	Heavy	Mahogany zone
SBR76-2497	157.2-158.5	17091	23.3	1.5	69.2	6.0	61.7	3.6	.906	Heavy	Mahogany zone
SBR76-2498	158.5-159.5	17092	29.7	2.8	61.3	6.2	78.8	6.7	.903	Heavy	Mahogany bed
SBR76-2499	159.5-160.8	17093	19.6	1.5	75.1	3.8	51.9	3.6	.904	Heavy	Mahogany zone
SBR76-2500	160.8-162.3	17094	18.5	.9	75.5	5.1	48.6	2.2	.912	None	Mahogany zone
SBR76-2501	162.3-163.4	17095	7.4	.9	89.7	2.0	19.4	2.2	.917	None	
SBR76-2502	163.4-164.5	17096	7.6	.7	89.9	1.8	19.9	1.7	.912	None	
SBR76-2503	164.5-165.4	17097	17.3	.9	78.5	3.3	44.9	2.2	.923	Slight	
SBR76-2504	165.4-166.3	17098	5.5	.3	92.1	2.1	14.2	.7	.923	None	
SBR76-2505	166.3-167.3	17099	5.4	.1	92.2	2.3	14.1	.2	.919	None	
SBR76-2506	167.3-168.3	17100	19.6	1.1	75.8	3.5	52.1	2.6	.903	None	
SBR76-2507	168.3-169.2	17101	18.8	1.1	76.3	3.8	49.5	2.6	.910	None	
SBR76-2508	169.2-170.5	17102	6.7	.7	90.8	1.8	18.2	1.7	.889	None	
SBR76-2509	170.5-171.4	17103	14.6	.7	81.0	3.7	38.3	1.6	.917	Slight	
SBR76-2510	171.4-172.5	17104	6.3	.6	91.7	1.4	16.6	1.4	.911	None	
SBR76-2511	172.5-173.5	17105	5.4	.4	92.2	2.0	14.2	1.0	.910	None	
SBR76-2512	173.5-174.5	17106	14.2	1.3	81.5	3.0	36.7	3.1	.925	Slight	
SBR76-2513	174.5-175.7	17107	4.0	.7	94.0	1.3	10.3	1.7	.917	None	
SBR76-2514	175.7-176.9	17108	3.8	.3	94.2	1.7	9.8	.6	.915	None	
SBR76-2515	176.9-177.9	17109	6.2	.6	91.5	1.7	16.3	1.4	.907	None	
SBR76-2516	177.9-179.1	17110	12.8	.8	83.7	2.7	34.0	1.9	.905	None	
SBR76-2517	179.1-180.2	17111	9.0	.5	88.7	1.8	24.0	1.2	.897	None	
SBR76-2518	180.2-181.8	17112	9.6	.7	87.7	2.0	25.4	1.7	.904	None	
SBR76-2519	181.8-183.4	17113	5.2	.6	91.8	2.4	13.6	1.4	.914	None	
SBR76-2520	183.4-184.7	17114	2.7	.3	96.0	1.0	7.1	.7	.923	None	
SBR76-2521	184.7-185.8	17115	4.8	.5	93.0	1.7	12.4	1.1	.916	None	
SBR76-2522	185.8-187.3	17116	7.6	.8	89.4	2.2	19.7	1.9	.921	None	

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677 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 <sup>1/</sup>	Water				
Laramie	Their											
SBR76-2523	187.3-188.4	17117	2.2	0.5	96.3	1.0	5.9	1.2	0.920	None		
SBR76-2524	188.4-189.9	17118	1.7	.3	97.4	.6	4.6a	.7	.920	None		
SBR76-2525	189.9-191.2	17119	5.3	.5	92.9	1.3	14.2	1.3	.903	None		
SBR76-2526	191.2-192.2	17121	1.2	1.8	96.0	1.0	3.1a	4.3	.920	None		
SBR76-2527	192.2-193.2	17122	12.5	.8	83.8	2.9	32.7	1.9	.918	None		
SBR76-2528	193.2-194.2	17123	3.2	.5	95.7	.6	8.5	1.2	.910	None		
SBR76-2529	194.2-195.2	17124	2.0	.3	97.0	.7	5.4	.6	.899	None		
SBR76-2530	195.2-196.3	17125	9.4	1.0	86.8	2.8	24.7	2.4	.916	None		
SBR76-2531	196.3-197.4	17127	1.2	.5	97.4	.9	3.1a	1.2	.920	None		
SBR76-2532	197.4-198.2	17128	4.7	.7	93.3	1.3	12.3	1.7	.910	None		
SBR76-2533	198.2-199.6	17129	1.2	1.9	95.8	1.1	3.2a	4.6	.920	None		
SBR76-2534	199.6-200.9	17130	2.0	1.6	95.1	1.3	5.1a	3.8		None		
SBR76-2535	200.9-202.4	17131	1.9	.5	96.2	1.4	4.9a	1.2	↓	None		
SBR76-2536	202.4-203.6	17132	2.6	.1	96.3	1.0	6.8	.2	.928	None	Mostly tar sand	
SBR76-2537	203.6-205.0	17133	.9	.1	98.4	.6	2.4a	.2	.920	None		
SBR76-2538	205.0-206.2	17134	.5	.1	98.5	.9	1.4a	.2	.920	None		
SBR76-2539	206.2-207.8	17135	3.1	.4	95.8	.7	8.1	1.0	.904	None		
SBR76-2540	207.8-208.7	17136	5.5	.5	92.7	1.3	14.7	1.1	.898	None		
SBR76-2541	208.7-210.0	17137	2.3	.2	96.6	.9	6.1	.5	.904	None		
SBR76-2542	210.0-211.0	17138	2.9	.5	95.8	.8	7.8	1.2	.901	None		
SBR76-2543	211.0-212.0	17139	.5	.6	97.6	1.3	1.4a	1.4	.920	None		
SBR76-2544	212.0-213.8	17140	2.0	1.0	96.1	.9	5.4	2.4	.901	None		
SBR76-2545	213.8-214.8	17141	1.2	1.8	96.3	.7	3.2a	4.3	.920	None		
SBR76-2546	214.8-215.7	17142	.6	.3	97.4	1.7	1.5a	.7	↓	None		
SBR76-2547	215.7-216.9	17143	1.2	.4	97.5	.9	3.3a	1.0	↓	None		
SBR76-2548	216.9-218.4	17144	5.7	1.2	91.9	1.2	15.2	2.9	.897	None		
SBR76-2549	218.4-220.0	17145	.0	2.0	97.4	.6	Trace	4.8		None		
SBR76-2550	220.0-221.5	17146	1.9	.9	95.8	1.4	5.0a	2.2	.920	None		
SBR76-2551	221.5-222.7	17147	.1	1.3	97.4	1.2	.3a	3.1	.920	None		
SBR76-2552	222.7-223.9	17148	6.5	.3	90.9	2.3	16.8	.7	.926	None		

See footnote at end of table.

Core samples received October 30, 1975; assays made on air-dried samples

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC's Southern Uinta Basin Corehole 10

Surface elevation: 6,677 feet

			Yield of product						Specific gravity of oil at 60°/60° F	Properties of spent shale		Remarks
			Weight percent			Gal per ton				Tendency to		
Sample number		Run No.	Oil	Water	Spent shale	Gas + loss	Oil <sup>1/</sup> / Water			coke		
Laramie	Their											
SBR76-2553	223.90-225.00	17149	4.6	0.2	94.1	1.1	11.9	0.5	0.924	None		
SBR76-2554	225.00-226.10	17150	.0	.6	98.8	.6	Trace	1.5		None		
SBR76-2555	226.10-227.60	17151	5.7	.1	92.6	1.6	15.0	.2	.907	None	Tar sand	
SBR76-2556	227.60-229.10	17152	6.5	.2	92.5	.8	17.2	.5	.906	None	Tar sand	
SBR76-2557	229.10-230.35	17153	.7	.3	98.1	.9	1.7a	.7	.920	None		
SBR76-2558	230.35-230.90	17154	5.1	.3	93.8	.8	13.5	.7	.910	None	Tar sand	
SBR76-2559	230.90-231.60	17155	.4	.4	98.7	.5	1.0a	1.0		None		

<sup>1/</sup> "a"--indicates specific gravity estimated as 0.92.

Core samples received October 30, 1975; assays made on air-dried samples