

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11 drilled in the
SW1/4NE1/4 (2474 feet FNL, 2215 feet FEL) of sec. 10, T 13 S, R 22 E, S.L.B. & M., Uintah County, Utah

Surface elevation: 6,427 feet

Surface elevation: 6,427 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		
Laramie	Their		Oil	Water			Oil ^{1/}	Water				
SBR80-1366	159.2-160.2	63189	2.8	1.9	94.0	1.3	7.1	4.6	0.934	None		
SBR80-1367	160.2-161.2	63190	2.7	1.9	94.3	1.1	6.9	4.6	.927	None		
SBR80-1368	161.2-162.2	63191	2.9	2.1	93.8	1.2	7.5	5.0	.925	None		
SBR80-1369	162.2-163.2	63192	3.2	1.8	93.5	1.5	8.3	4.3	.927	None		
SBR80-1370	163.2-164.6	63193	1.4	1.6	96.1	0.9	3.7a	3.8		None		
SBR80-1371	164.6-166.0	63194	1.5	1.6	95.9	1.0	3.8a	3.8		None		
SBR80-1372	166.0-167.3	63195	2.6	1.9	94.3	1.2	6.8	4.6	.928	None		
SBR80-1373	167.3-168.7	63196	4.1	0.9	93.5	1.5	10.5	2.2	.933	None		
SBR80-1374	168.7-169.1	63197	1.7	1.7	95.9	0.7	4.4a	4.1		None		
SBR80-1375	169.2-170.2	63198	1.0	1.4	96.7	0.9	2.5a	3.4		None		
SBR80-1376	170.2-171.5	63199	0.5	1.3	97.6	0.6	1.4a	3.1		None		
SBR80-1377	171.5-172.5	63200	1.4	1.2	96.8	0.6	3.6a	2.9		None		
SBR80-1378	172.5-173.5	63201	1.4	1.4	96.6	0.6	3.7a	3.4		None		
SBR80-1379	173.5-174.5	63202	1.9	1.8	95.5	0.8	5.0a	4.3		None		
SBR80-1380	174.5-175.5	63203	2.5	2.6	94.0	0.8	6.7	6.2	.925	None		
SBR80-1381	175.5-176.5	63204	3.0	1.8	94.5	0.7	7.6	4.3	.934	None		
SBR80-1382	176.5-178.0	63205	2.9	1.5	94.8	0.8	7.4	3.6	.931	None		
SBR80-1383	178.0-178.7	63206	2.0	1.2	94.6	2.2	5.1	2.9	.926			
SBR80-1384	178.7-180.0	63207	2.2	2.2	94.9	0.7	5.8	5.3	.922	None		
SBR80-1385	180.0-186.0	63208	2.5	1.8	94.9	0.8	6.5	4.3	.926	None		
SBR80-1386	181.0-182.0	63209	3.2	1.4	95.3	0.1	8.4	3.4	.925	None		
SBR80-1387	182.0-183.0	63210	1.6	2.4	95.3	0.7	4.3a	5.8		None		
SBR80-1388	183.0-183.6	63211	1.1	2.4	95.8	0.7	3.0a	5.8		None		
SBR80-1389	183.6-18 .0	6321	2.	2.0	95.0	0.3	7.1	4.8	.923	None		
SBR80-1390	185.0-186.0	63213	2.5	2.0	95.2	0.3	6.5	4.8	.926	None		
SBR80-1391	186.0-187.0	63214	3.0	1.6	95.0	0.4	7.8	3.8	.926	None		
SBR80-1392	187.0-188.0	63215	1.8	2.1	95.7	0.4	4.6a	5.0		None		
SBR80-1393	188.0-189.0	63216	2.2	2.2	95.1	0.5	5.8	5.3	.923	None		
SBR80-1394	189.0-190.5	3217	2.4	2.4	94.5	0.7	6.3	5.8	.921	None		
SBR80-1395	190.5-191.9	63218	1.5	1.8	95.1	1.6	3.9a	4.3		None		

See footnote at end of table

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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											
SBR80-1396	191.9-192.4	63219	5.3	1.1	92.5	1.1	13.7	2.6	0.924	None		
SBR80-1397	192.9-193.5	63220	10.8	1.1	85.1	3.0	28.1	2.6	.924	None		
SBR80-1398	193.5-194.5	63221	2.0	2.1	94.8	1.1	5.3	5.0	.922	None		
SBR80-1399	194.5-195.5	63222	1.8	1.0	96.0	1.2	4.8a	2.4		None		
SBR80-1400	195.5-196.5	63223	0.9	2.0	96.3	0.8	2.4a	4.8		None		
SBR80-1401	196.5-197.5	63224	0.6	1.7	96.9	0.8	1.6a	4.1		None		
SBR80-1402	197.5-198.5	63225	1.6	1.7	95.7	1.0	4.2a	4.1		None		
SBR80-1403	198.5-199.5	63226	2.5	1.8	94.5	1.2	6.4	4.3	.931	None		
SBR80-1404	199.5-200.5	63227	3.1	1.2	94.5	1.2	8.1	2.9	.925	None		
SBR80-1405	200.5-201.5	63228	2.9	1.1	94.8	1.2	7.6	2.6	.925	None		
SBR80-1406	201.5-202.5	63229	1.6	1.5	96.0	0.9	4.1a	3.6		None		
SBR80-1407	202.5-204.0	63230	1.0	1.3	96.8	0.9	2.6a	3.1		None		
SBR80-1408	204.0-205.0	63233	1.6	1.6	95.8	1.0	4.2a	3.8		None		
SBR80-1409	205.0-206.0	63234	1.3	1.6	95.2	1.9	3.3a	3.8		None		
SBR80-1410	206.0-207.0	63235	1.6	2.3	95.1	1.0	4.0a	5.5		None		
SBR80-1411	207.0-208.0	63236	1.5	2.2	95.4	0.9	3.8a	5.3		None		
SBR80-1412	208.0-209.0	63237	1.8	2.0	95.3	0.9	4.6a	4.8		None		
SBR80-1413	209.0-209.6	63238	3.1	1.2	94.6	1.1	8.1a	2.9		None		
SBR80-1414	209.6-210.3	63239	7.3	1.0	89.8	1.9	19.2	2.4	.917	None		
SBR80-1415	210.3-212.4	63240	1.6	1.5	96.2	0.7	4.2a	3.6		None		
SBR80-1416	212.7-214.0	63241	1.6	1.4	96.4	0.6	4.2a	3.4		None		
SBR80-1417	214.0-215.0	63242	1.2	1.7	96.3	0.8	3.2a	4.1		None		
SBR80-1418	215.0-216.0	63243	1.8	1.5	96.1	0.6	4.6a	3.6		None		
SBR80-1419	216.2-218.0	63244	1.4	1.8	96.0	0.8	3.6a	4.3		None		
SBR80-1420	218.0-219.0	63245	1.6	1.8	96.2	0.4	4.1a	4.3		None		
SBR80-1421	219.0-220.0	63246	1.6	1.9	95.7	0.8	4.2a	4.6		None		
SBR80-1422	220.0-221.0	63247	1.5	2.0	96.1	0.4	3.8a	4.8		None		
SBR80-1423	221.0-222.0	63248	1.5	1.8	96.4	0.3	3.9a	4.3		None		
SBR80-1424	222.0-223.0	63249	1.6	1.7	96.2	0.5	4.3a	4.1		None		
SBR80-1425	223.0-224.0	63250	1.6	1.9	96.1	0.4	4.1a	4.6		None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

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Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Surface elevation: 6,427 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											
SBR80-1426	224.0-225.0	63251	1.7	1.9	96.0	0.4	4.5a	4.6	0.923	None		
SBR80-1427	225.0-226.0	63252	1.7	1.8	96.1	0.4	4.6a	4.3		None		
SBR80-1428	226.0-227.0	63253	2.0	1.6	95.8	0.6	5.3	3.8		None		
SBR80-1429	227.0-228.0	63254	1.1	1.2	96.3	1.4	3.0a	2.9		None		
SBR80-1430	228.0-229.0	63255	1.5	1.6	96.4	0.5	4.0a	3.8		None		
SBR80-1431	229.0-230.0	63256	1.1	1.8	96.6	0.5	2.9a	4.3		None		
SBR80-1432	230.0-230.7	63257	1.2	1.8	96.5	0.5	3.2a	4.3		None		
SBR80-1433	230.7-232.6	63258	2.2	1.8	95.3	0.7	5.8	4.3	.919	None		
SBR80-1434	232.6-233.1	63259	8.4	0.9	88.9	1.8	21.8	2.2	.923	None		
SBR80-1435	233.1-235.0	63260	2.2	1.7	95.5	0.6	5.8	4.1	.915	None		
SBR80-1436	235.0-236.0	63261	1.9	1.8	95.5	0.8	4.8a	4.3		None		
SBR80-1437	236.0-237.0	63262	1.8	1.9	95.6	0.7	4.7a	4.6		None		
SBR80-1438	237.0-238.0	63263	1.5	2.3	95.6	0.6	3.9a	5.5		None		
SBR80-1439	238.0-239.0	63264	1.6	2.3	95.5	0.6	4.3a	5.5		None		
SBR80-1440	239.0-240.0	63265	1.6	2.2	95.6	0.6	4.2a	5.3		None		
SBR80-1441	240.0-240.5	63266	4.4	0.7	92.6	2.3	11.6	1.7	.915	None		
SBR80-1442	240.5-242.0	63267	2.3	1.4	95.8	0.5	5.9	3.4	.924	None		
SBR80-1443	242.0-243.0	63268	1.7	1.4	95.9	1.0	4.3a	3.4		None		
SBR80-1444	243.0-244.0	63269	1.5	1.4	96.0	1.1	4.0a	3.4		None		
SBR80-1445	244.0-245.0	63270	1.6	1.3	95.2	1.9	4.1a	3.1		None		
SBR80-1446	245.0-246.0	63271	3.4	1.2	93.7	1.7	8.8	2.9	.930	None		
SBR80-1447	246.0-247.0	63272	3.3	1.1	94.2	1.4	8.4	2.6	.925	None		
SBR80-1448	247.0-248.0	63273	2.2	1.8	94.7	1.3	5.8	4.3	.925	None		
SBR80-1449	248.0-248.6	63274	1.5	2.0	95.3	1.2	4.0a	4.8		None		
SBR80-1450	248.7-249.7	63275	1.5	1.8	96.0	0.7	3.9a	4.3		None		
SBR80-1451	249.7-251.5	63276	1.3	1.5	96.4	0.8	3.5a	3.6		None		
SBR80-1452	251.5-253.0	63277	1.8	1.8	95.4	1.0	4.7a	4.3		None		
SBR80-1453	253.0-254.0	63278	1.8	1.7	94.7	1.8	4.7a	4.1		None		
SBR80-1454	254.0-254.5	63279	2.6	1.9	94.4	1.1	6.9	4.6	.921	None		
SBR80-1455	254.5-254.9	63280	6.9	1.3	89.9	1.9	18.0	3.1	.922	None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

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Samples from ERDA/IERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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											
SBR80-1456	254.9-256.0	63281	1.9	1.8	95.3	1.0	5.1a	4.3	.917	None		
SBR80-1457	256.0-257.4	63282	0.9	1.1	96.5	1.5	2.3a	2.6		None		
SBR80-1458	257.4-258.9	63283	1.3	2.1	96.0	0.6	3.4a	5.0		None		
SBR80-1459	258.9-260.0	63284	3.1	1.4	94.7	0.8	8.0	3.4		None		
SBR80-1460	260.0-261.0	63285	2.0	2.4	94.9	0.7	5.2a	5.8	.920	None		
SBR80-1461	261.0-261.4	63287	2.4	2.2	94.6	0.8	6.2	5.3		None		
SBR80-1462	261.4-262.3	63288	2.9	1.8	94.1	1.2	7.6	4.3		None		
SBR80-1463	262.3-263.3	63289	2.3	1.6	95.3	0.8	6.0	3.8		None		
SBR80-1464	263.3-263.7	63290	1.5	1.4	96.2	0.9	3.9a	3.4	.916	None		
SBR80-1465	263.7-265.0	63291	1.5	1.4	96.4	0.7	3.9a	3.4		None		
SBR80-1466	265.0-265.8	63292	1.4	1.3	96.3	1.0	3.5a	3.1		None		
SBR80-1467	265.8-266.6	63293	2.8	1.1	95.2	0.9	7.3	2.6		None		
SBR80-1468	266.6-267.0	63294	8.1	0.9	88.9	2.1	21.0	2.2	.922	None		
SBR80-1469	267.0-267.4	63295	2.7	1.2	95.2	0.9	7.0	2.9	.921	None		
SBR80-1470	267.4-268.0	63296	1.6	1.1	96.8	0.5	4.2a	2.6	.931	None		
SBR80-1471	268.0-269.0	63297	1.4	1.0	97.2	0.4	3.6a	2.4		None		
SBR80-1472	269.0-270.0	63298	1.5	0.8	97.3	0.4	3.9a	1.9		None		
SBR80-1473	270.0-271.0	63299	1.7	0.8	96.9	0.6	4.5a	1.9		None		
SBR80-1474	271.0-272.0	63300	1.8	1.2	96.4	0.6	4.8a	2.9		None		
SBR80-1475	272.0-272.5	63301	3.2	2.0	93.9	0.9	8.3	4.8	.924	None		
SBR80-1476	272.5-273.0	63302	5.0	0.9	91.4	2.7	12.9	2.2	.922	None		
SBR80-1477	273.0-274.0	63303	2.5	1.6	95.1	0.8	6.5	3.8	.920	None		
SBR80-1478	274.0-275.0	63304	1.6	1.5	96.1	0.8	4.2a	3.6		None		
SBR80-1479	275.0-276.6	63305	1.9	1.8	95.5	0.8	5.0a	4.3		None		
SBR80-1480	276.6-277.1	63306	7.3	1.3	89.7	1.7	18.9	3.1	.920	None		
SBR80-1481	277.1-278.0	63307	2.3	1.5	95.5	0.7	5.9	3.6	.923	None		
SBR80-1482	278.0-279.0	63308	1.9	1.6	95.8	0.7	5.0a	3.8		None		
SBR80-1483	279.0-280.0	63309	2.4	1.5	95.4	0.7	6.2	3.6	.926	None		
SBR80-1484	280.0-281.0	63310	2.9	1.5	94.8	0.8	7.5	3.6	.924	None		
SBR80-1485	281.0-282.0	63311	3.0	1.9	93.9	1.2	7.8	4.6	.920	None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

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Surface elevation: 6,427 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											
SBR80-1486	282.0-283.0	63312	3.2	1.7	94.2	0.9	8.2	4.1	0.922	None		
SBR80-1487	283.0-284.0	63313	3.5	1.5	94.0	1.0	9.0	3.6	.924	None		
SBR80-1488	284.0-285.0	63314	2.3	1.5	94.1	2.1	6.0	3.6	.924	None		
SBR80-1489	285.0-286.0	63315	3.6	2.1	93.3	1.0	9.4	5.0	.923	None		
SBR80-1490	286.0-287.0	63316	3.7	2.0	92.6	1.7	9.7	4.8	.924	None		
SBR80-1491	287.0-288.0	63317	3.6	1.9	93.3	1.2	9.4	4.6	.911	None		
SBR80-1492	288.0-289.0	63318	3.3	1.9	92.6	2.2	8.7	4.6	.909	None		
SBR80-1493	289.0-290.0	63319	3.4	1.9	93.3	1.4	9.1	4.6	.907	None		
SBR80-1494	290.0-291.0	63320	2.9	1.8	94.4	0.9	7.6	4.3	.905	None		
SBR80-1495	291.0-291.9	63321	3.3	1.9	93.6	1.2	8.8	4.6	.908	None		
SBR80-1496	291.9-292.9	63322	4.0	2.3	92.4	1.3	10.6	5.5	.910	None		
SBR80-1497	292.9-294.0	63323	4.3	1.7	92.5	1.5	11.3	4.1	.909	None		
SBR80-1498	294.0-295.0	63324	4.5	1.8	92.1	1.6	12.0	4.3	.908	None		
SBR80-1499	295.0-296.0	63325	4.5	1.7	92.4	1.4	11.7	4.1	.911	None		
SBR80-1500	296.0-296.6	63326	8.2	1.1	87.9	2.8	21.6	2.6	.913	None		
SBR80-1501	296.6-297.0	63327	5.8	1.7	90.7	1.8	15.3	4.1	.910	None		
SBR80-1502	297.0-297.9	63328	6.4	1.6	90.0	2.0	16.9	3.8	.909	None		
SBR80-1503	297.9-298.6	63329	5.2	1.5	92.1	1.2	13.7	3.6	.906	None		
SBR80-1504	298.6-299.0	63330	3.3	1.1	93.4	2.2	8.6	2.6	.905	None		
SBR80-1505	299.0-300.0	63331	3.3	1.7	94.0	1.0	8.8	4.1	.907	None		
SBR80-1506	300.0-300.5	63332	3.1	1.6	94.6	0.7	8.1	3.8	.911	None		
SBR80-1507	300.5-301.5	63333	3.9	1.5	93.5	1.1	10.3	3.6	.908	None		
SBR80-1508	301.5-302.6	63334	2.0	1.9	95.3	0.8	5.2a	4.6		None		
SBR80-1509	302.6-303.4	63335	2.5	1.5	94.7	1.3	6.5	3.6	.908	None		
SBR80-1510	303.4-304.0	63336	4.0	1.1	93.8	1.1	10.4	2.6	.910	None		
SBR80-1511	304.0-305.2	63337	4.9	1.7	92.1	1.3	12.8	4.1	.910	None		
SBR80-1512	305.2-306.0	63338	2.9	1.8	94.0	1.3	7.8	4.3	.906	None		
SBR80-1513	306.0-306.5	63339	4.1	1.7	92.9	1.3	10.7	4.1	.910	None		
SBR80-1514	306.5-307.4	63340	1.4	2.3	95.3	1.0	3.7a	5.5		None		
SBR80-1515	307.4-308.6	63341	2.6	2.1	94.4	0.9	6.8	5.0	.911	None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/IERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Sample number		Run No.	Yield of product						Specific gravity of oil at 60°/60° F	Properties of		Remarks
			Weight percent				Gal per ton			spent shale	Tendency to coke	
			Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water				
Laramie	Their											
SBR80-1516	308.6-309.0	63342	5.3	1.9	91.1	1.7	14.0	4.6	0.910		None	
SBR80-1517	309.0-310.0	63343	5.0	1.7	92.1	1.2	13.3	4.1	.908		None	
SBR80-1518	310.0-310.5	63344	3.8	2.0	93.3	0.9	10.0	4.8	.906		None	
SBR80-1519	310.5-312.0	63345	1.8	1.9	95.7	0.6	4.8a	4.6			None	
SBR80-1520	312.0-312.9	63346	1.3	1.9	96.3	0.5	3.4a	4.6			None	
SBR80-1521	312.9-314.0	63347	2.7	2.1	94.1	1.1	7.0	5.0	.910		None	
SBR80-1522	314.0-314.4	63348	1.9	2.1	95.1	0.9	4.8a	5.0			None	
SBR80-1523	314.4-315.3	63349	1.8	1.8	95.5	0.9	4.7a	4.3			None	
SBR80-1524	315.3-317.1	63350	2.9	1.2	93.6	2.3	7.6	2.9	.912		None	
SBR80-1525	317.1-318.0	63351	1.9	1.8	95.3	1.0	5.1a	4.3			None	
SBR80-1526	318.0-318.4	63352	2.0	1.8	95.2	1.0	5.1a	4.3			None	
SBR80-1527	318.4-319.7	63353	2.5	2.0	94.5	1.0	6.4	4.8	.918		None	
SBR80-1528	319.7-320.1	63354	4.8	1.6	92.1	1.5	12.7	3.8	.912		None	
SBR80-1529	320.1-321.0	63355	1.7	2.0	95.5	0.8	4.3a	4.8			None	
SBR80-1530	321.0-321.6	63400	1.4	2.2	95.8	0.6	3.6a	5.3			None	
SBR80-1531	321.6-322.0	63357	1.7	2.6	95.1	0.6	4.4a	6.2			None	
SBR80-1532	322.0-323.0	63358	2.3	2.3	94.6	0.8	5.9	5.5	.922		None	
SBR80-1533	323.0-323.9	63359	1.9	2.5	94.8	0.8	5.0a	6.0			None	
SBR80-1534	323.9-324.8	63360	7.0	1.5	89.7	1.8	18.1	3.6	.921		None	
SBR80-1535	324.8-326.0	63361	1.7	1.6	95.8	0.9	4.5a	3.8			None	
SBR80-1536	326.0-327.0	63362	1.4	0.8	96.4	1.4	3.6a	1.9			None	
SBR80-1537	327.0-327.8	63363	1.9	2.0	95.2	0.9	5.0a	4.8			None	
SBR80-1538	327.8-328.7	63364	5.3	1.9	91.1	1.7	13.8	4.6	.924		None	
SBR80-1539	328.7-329.3	63365	2.6	1.9	94.7	0.8	6.8	4.6	.927		None	
SBR80-1540	329.3-330.3	63366	2.0	1.1	95.7	1.2	5.2	2.6	.927		None	
SBR80-1541	330.3-331.0	63367	1.7	1.4	96.2	0.7	4.6a	3.4			None	
SBR80-1542	331.0-331.6	63368	1.7	1.7	96.0	0.6	4.5a	4.1			None	
SBR80-1543	331.6-333.2	63369	1.6	2.9	94.8	0.7	4.2a	7.0			None	
SBR80-1544	333.2-334.2	63370	3.7	2.4	93.1	0.8	9.6	5.8	.915		None	
SBR80-1545	334.2-335.0	63371	2.3	2.4	94.6	0.7	6.1	5.8	.918		None	

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Surface elevation: 6,427 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		
			Oil	Water			Oil ^{1/}	Water				
Laramie	Their											
SBR80-1546	335.0-336.0	63372	2.3	2.5	94.6	0.6	6.1	6.0	0.914		None	
SBR80-1547	336.0-337.0	63373	6.7	1.8	90.1	1.4	17.6	4.3	.914		None	
SBR80-1548	337.0-338.0	63374	1.6	1.1	96.1	1.2	4.1a	2.6			None	
SBR80-1549	338.0-339.0	63375	1.1	2.4	96.0	0.5	3.0a	5.8			None	
SBR80-1550	339.0-340.0	63376	0.4	3.4	95.8	0.4	1.0a	8.1			None	
SBR80-1551	340.0-341.0	63377	0.2	2.7	96.8	0.3	0.7a	6.5			None	
SBR80-1552	341.0-342.0	63378	0.1	2.2	96.1	1.6	0.3a	5.3			None	
SBR80-1553	342.0-343.0	63379	0.3	2.9	96.5	0.3	0.8a	7.0			None	
SBR80-1554	343.0-344.0	63380	0.5	2.2	96.9	0.4	1.4a	5.3			None	
SBR80-1555	344.0-345.0	63381	0.8	2.2	96.5	0.5	2.1a	5.3			None	
SBR80-1556	345.0-346.0	63382	1.1	2.4	96.0	0.5	3.0a	5.8			None	
SBR80-1557	346.0-347.0	63435	1.7	2.7	94.7	0.9	4.5a	6.5			None	
SBR80-1558	347.0-348.0	63384	1.6	2.7	94.9	0.8	4.0a	6.5			None	
SBR80-1559	348.0-349.0	63385	2.3	2.6	94.5	0.6	6.1	6.2	.916		None	
SBR80-1560	349.0-349.5	63386	3.0	2.8	93.2	1.0	7.9	6.7	.919		None	
SBR80-1561	349.5-350.0	63387	5.1	2.5	91.7	0.7	13.4	6.0	.912		None	
SBR80-1562	350.0-351.0	63388	2.5	2.2	94.5	0.8	6.6	5.3	.909		None	
SBR80-1563	351.0-352.0	63389	2.6	2.4	94.4	0.6	6.9	5.8	.910		None	
SBR80-1564	352.0-352.5	63390	5.9	1.8	91.6	0.7	15.6	4.3	.901		None	
SBR80-1565	352.5-352.8	63391	3.8	2.5	92.8	0.9	10.0	6.0	.914		None	
SBR80-1566	352.8-354.0	63392	2.1	1.7	95.8	0.4	5.4	4.1	.913		None	
SBR80-1567	354.0-355.3	63393	2.0	1.8	95.8	0.4	5.2	4.3	.918		None	
SBR80-1568	355.3-356.0	63394	2.7	2.8	93.8	0.7	7.1	6.7	.923		None	
SBR80-1569	356.0-357.0	63395	4.3	2.3	92.7	0.7	11.3	5.5	.910		None	
SBR80-1570	357.0-358.0	63396	2.9	2.7	93.7	0.7	7.5	6.5	.917		None	
SBR80-1571	358.0-359.0	63397	3.2	3.0	93.1	0.7	8.4	7.2	.921		None	
SBR80-1572	359.0-360.0	63398	1.9	2.8	93.7	1.6	4.9a	6.7			None	
SBR80-1573	360.0-361.0	63399	3.1	3.3	93.1	0.5	8.0	7.9	.918		None	
SBR80-1574	361.0-362.0	63401	2.7	3.2	93.1	1.0	7.0	7.7	.912		None	
SBR80-1575	362.0-363.0	63402	3.0	3.0	92.9	1.1	7.8	7.2	.918		None	

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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											
SBR80-1576	363.0-364.0	63403	2.3	2.8	93.7	1.2	6.1	6.7	0.916	None		
SBR80-1577	364.0-364.5	63404	2.2	2.6	94.7	0.5	5.7	6.2	.914	None		
SBR80-1578	364.5-364.7	63405	4.5	2.3	92.1	1.1	11.9	5.5	.913	None		
SBR80-1581	366.5-367.0	63406	1.7	2.2	95.3	0.8	4.5a	5.3		None		
SBR80-1582	367.0-368.0	63407	1.2	2.6	95.8	0.4	3.1a	6.2		None		
SBR80-1583	368.0-369.0	63408	0.6	2.2	96.7	0.5	1.7a	5.3		None		
SBR80-1584	369.0-370.0	63409	0.7	2.5	96.2	0.6	1.9a	6.0		None		
SBR80-1585	370.0-371.0	63410	0.4	2.2	96.6	0.8	1.1a	5.3		None		
SBR80-1586	371.0-371.7	63411	1.4	2.8	95.4	0.4	3.7a	6.7		None		
SBR80-1587	371.7-372.8	63412	2.5	2.9	94.0	0.6	6.5	7.0	.914	None		
SBR80-1588	372.8-373.3	63413	3.7	2.5	92.6	1.2	9.6	6.0	.910	None		
SBR80-1589	373.3-374.0	63414	2.0	2.1	94.9	1.0	5.1a	5.0		None		
SBR80-1590	374.0-375.0	63415	2.6	2.9	93.7	0.8	6.8	7.0	.914	None		
SBR80-1591	375.0-376.0	63416	2.8	3.3	93.0	0.9	7.4	7.9	.913	None		
SBR80-1592	376.0-377.3	63417	2.5	3.5	93.2	0.8	6.7	8.4	.914	None		
SBR80-1593	377.3-378.0	63418	7.1	1.8	90.6	0.5	18.9	4.3	.905	None		
SBR80-1594	378.0-379.1	63419	7.2	2.3	90.2	0.3	19.0	5.5	.905	None		
SBR80-1595	379.1-380.0	63420	3.2	2.1	94.1	0.6	8.5	5.0	.914	None		
SBR80-1596	380.0-380.8	63421	3.8	1.7	93.8	0.7	9.9	4.1	.915	None		
SBR80-1597	380.8-382.0	63422	1.9	1.4	96.0	0.7	4.9a	3.4		None		
SBR80-1598	382.0-383.1	63423	1.6	1.4	96.5	0.5	4.3a	3.4		None		
SBR80-1599	383.1-383.7	63424	2.2	1.9	95.2	0.7	5.7	4.6	.922	None		
SBR80-1600	383.7-384.9	63425	3.0	1.7	94.1	1.2	7.9	4.1	.918	None		
SBR80-1601	384.9-386.0	63426	1.3	1.0	95.9	1.8	3.4a	2.4		None		
SBR80-1602	386.0-387.0	63427	2.0	1.7	95.3	1.0	5.2a	4.1		None		
SBR80-1603	387.0-388.0	63428	2.3	1.9	94.8	1.0	6.0	4.6	.916	None		
SBR80-1604	388.0-388.5	63479	2.3	2.3	94.4	1.0	5.9	5.5	.922	None		
SBR80-1605	388.5-390.0	63430	1.2	2.2	95.9	0.7	3.2a	5.3		None		
SBR80-1606	390.0-390.4	63431	2.1	2.0	95.2	0.7	5.6	4.8	.915	None		
SBR80-1607	390.4-391.5	63432	3.2	1.9	93.5	1.4	8.4	4.6	.919	None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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		
Laramie	Their		Oil	Water			Oil ^{1/}	Water				
SBR80-1608	391.5-392.7	63433	1.8	1.8	95.7	0.7	4.6a	4.3		None		
SBR80-1609	392.7-393.4	63434	6.1	1.5	90.9	1.5	16.1	3.6	.915	None		
SBR80-1610	393.4-394.0	63437	2.2	1.5	95.4	0.9	5.8	3.6	.921	None		
SBR80-1611	394.0-395.1	63438	2.9	1.3	94.1	1.7	7.5	3.1	.931	None		
SBR80-1612	395.1-396.0	63439	3.6	1.9	93.3	1.2	9.4	4.6	.924	None		
SBR80-1613	396.0-397.0	63440	3.8	1.9	93.2	1.1	9.9	4.6	.917	None		
SBR80-1614	397.0-397.6	63441	4.4	1.9	92.5	1.2	11.5	4.6	.915	None		
SBR80-1615	397.6-398.2	63442	11.5	1.7	84.4	2.4	30.1	4.1	.912	None		
SBR80-1616	398.2-399.3	63443	4.5	1.5	92.7	1.3	11.8	3.6	.916	None		
SBR80-1617	399.3-400.5	63444	4.3	1.3	92.9	1.5	11.3	3.1	.915	None		
SBR80-1618	400.5-401.4	63445	10.5	1.5	85.5	2.5	27.7	3.6	.913	None		
SBR80-1619	401.4-402.4	63446	3.9	1.0	92.6	2.5	10.2	2.4	.915	None		
SBR80-1620	402.4-403.0	63447	1.7	1.2	96.4	0.7	4.5a	2.9		None		
SBR80-1621	403.0-404.0	63448	1.1	1.1	97.0	0.8	3.0a	2.6		None		
SBR80-1622	404.0-404.6	63449	1.1	1.4	97.1	0.4	2.8a	3.4		None		
SBR80-1623	404.6-405.2	63450	1.4	1.3	96.8	0.5	3.7a	3.1		None		
SBR80-1624	405.2-406.0	63451	0.4	1.1	98.2	0.3	1.1a	2.6		None		
SBR80-1625	406.0-407.0	63452	0.5	0.7	98.6	0.2	1.3a	1.7		None		
SBR80-1626	407.0-407.6	63453	0.6	0.7	98.6	0.1	1.5a	1.7		None		
SBR80-1627	407.6-408.6	63454	0.9	2.0	96.7	0.4	2.3a	4.8		None		
SBR80-1628	408.6-409.2	63455	2.3	2.3	94.8	0.7	5.9	5.5	.919	None		
SBR80-1629	409.2-409.9	63456	2.7	2.1	94.3	0.9	7.0	5.0	.915	None		
SBR80-1630	409.9-411.0	63457	1.1	2.0	96.2	0.7	2.7a	4.8		None		
SBR80-1631	411.0-411.5	63458	0.4	1.3	96.6	1.7	1.0a	3.1		None		
SBR80-1632	411.5-412.6	63459	0.7	1.2	97.8	0.3	1.9a	2.9		None		
SBR80-1633	412.6-413.1	63460	0.8	1.0	97.0	1.2	2.0a	2.4		None		
SBR80-1634	413.1-413.6	63461	1.4	1.3	96.4	0.9	3.6a	3.1		None		
SBR80-1635	413.6-414.5	63462	0.3	0.9	97.4	1.4	0.8a	2.2		None		
SBR80-1636	414.5-415.5	63463	0.9	1.3	96.8	1.0	2.5a	3.1		None		
SBR80-1637	415.5-416.5	63464	0.7	1.1	97.4	0.8	1.8a	2.6		None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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											
SBR80-1638	416.5-417.0	63465	0.7	0.8	97.6	0.9	1.8a	1.9		None		
SBR80-1639	417.0-418.0	63466	0.7	1.0	97.6	0.7	1.8a	2.4		None		
SBR80-1640	418.0-419.0	63467	0.7	0.9	97.6	0.8	1.8a	2.2		None		
SBR80-1641	419.0-420.0	63468	0.6	1.0	97.8	0.6	1.6a	2.4		None		
SBR80-1642	420.0-421.0	63469	0.6	1.0	97.7	0.7	1.5a	2.4		None		
SBR80-1643	421.0-422.1	63470	0.2	0.8	97.7	1.3	0.6a	1.9		None		
SBR80-1644	422.1-423.5	63471	1.4	1.5	96.2	0.9	3.8a	3.6		None		
SBR80-1645	423.5-424.5	63472	5.5	2.0	90.7	1.8	14.7	4.8	0.905	None		
SBR80-1646	424.5-425.5	63473	7.4	1.9	94.4	1.3	6.5	4.6	.903	None		
SBR80-1647	425.5-426.5	63474	2.6	1.5	93.0	2.9	6.8	3.6	.908	None		
SBR80-1648	426.5-427.4	63475	7.0	2.2	88.7	2.1	18.4	5.3	.904	None		
SBR80-1649	427.4-427.8	63476	16.2	2.2	78.3	3.3	43.1	5.3	.901	None		
SBR80-1650	427.8-429.0	63477	5.5	1.5	91.1	1.9	14.5	3.6	.914	None		
SBR80-1651	429.0-430.0	63478	3.7	1.7	93.0	1.6	9.8	4.1	.911	None		
SBR80-1652	430.0-430.6	63479	3.6	1.3	93.6	1.5	9.6	3.1	.909	None		
SBR80-1653	430.6-431.5	63480	3.3	1.0	94.3	1.4	8.8	2.4	.907	None		
SBR80-1654	431.5-432.3	63481	4.1	2.2	92.2	1.5	10.7	5.3	.913	None		
SBR80-1655	432.3-433.1	63482	4.7	2.0	91.8	1.5	12.2	4.8	.912	None		
SBR80-1656	433.1-434.0	63483	8.2	1.5	88.7	1.6	21.5	3.6	.914	None		
SBR80-1657	434.0-435.0	63484	7.4	1.3	89.4	1.9	19.4	3.1	.912	None		
SBR80-1658	435.0-435.7	63485	9.5	1.7	86.8	2.0	25.4	4.1	.901	None		
SBR80-1659	435.7-436.4	63486	19.1	1.3	76.0	3.6	51.1	3.1	.896	None		
SBR80-1660	436.4-437.3	63487	13.1	1.4	83.2	2.3	35.0	3.4	.898	None		
SBR80-1661	437.3-437.7	63488	6.9	1.2	90.5	1.4	18.5	2.9	.894	None		
SBR80-1662	437.7-438.7	63489	6.6	1.4	90.6	1.4	17.6	3.4	.898	None		
SBR80-1663	438.7-439.7	63490	4.6	1.5	92.5	1.4	12.3	3.6	.906	None		
SBR80-1664	439.7-440.7	63491	4.5	1.1	93.1	1.3	11.8	2.6	.912	None		
SBR80-1665	440.7-441.7	63492	2.6	1.0	95.5	0.9	6.7	2.4	.912	None		
SBR80-1666	441.7-442.9	63493	3.0	1.0	95.2	0.8	7.8	2.4	.920	None		
SBR80-1667	442.9-444.3	63494	5.3	1.0	90.7	3.0	13.8	2.4	.911	None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Sample number		Run No.	Yield of product				Gal per ton		Specific gravity of oil at 60°/60° F	Properties of	Remarks
			Weight percent		Spent shale	Gas + loss				spent shale	
			Oil	Water							
Laramie	Their		Oil	Water	Spent shale	Gas + loss	Oil	Water			
SBR80-1668	444.3-444.9	63495	3.7	0.8	94.5	1.0	9.7	1.9	0.914	None	
SBR80-1669	444.9-445.9	63496	2.3	0.9	96.2	0.6	5.9	2.2	.915	None	
SBR80-1670	445.9-446.9	63497	2.5	1.2	95.6	0.7	6.6	2.9	.913	None	
SBR80-1671	446.9-448.0	63498	2.7	1.2	95.5	0.6	7.0	2.9	.914	None	
SBR80-1672	448.0-449.0	63499	2.9	1.8	94.6	0.7	7.6	4.3	.911	None	
SBR80-1673	449.0-450.3	63500	2.5	1.0	95.7	0.8	6.5	2.4	.911	None	
SBR80-1674	450.4-451.0	63501	2.6	1.0	95.6	0.8	7.0	2.4	.910	None	
SBR80-1675	451.0-452.4	63502	2.1	1.0	96.4	0.5	5.5	2.4	.903	None	
SBR80-1676	452.4-453.4	63503	3.7	1.1	94.5	0.7	9.7	2.6	.905	None	
SBR80-1677	453.4-454.2	63504	3.8	1.0	94.3	0.9	10.0	2.4	.905	None	
SBR80-1678	454.2-455.2	63505	14.2	1.5	81.5	2.8	37.3	3.6	.914	None	
SBR80-1679	455.2-455.7	63506	10.5	1.0	84.3	4.2	27.9	2.4	.905	None	
SBR80-1680	455.7-456.7	63507	7.0	1.1	89.9	2.0	18.7	2.6	.905	None	
SBR80-1681	456.7-457.3	63508	7.0	1.0	89.8	2.2	18.7	2.4	.901	None	
SBR80-1682	457.3-458.2	63509	6.4	0.8	90.9	1.9	17.0	1.9	.903	None	
SBR80-1683	458.2-459.2	63510	4.6	0.6	92.7	2.1	12.1	1.4	.907	None	
SBR80-1684	459.2-459.6	63511	8.2	0.7	88.8	2.3	21.7	1.7	.905	None	
SBR80-1685	459.6-460.3	63512	5.1	0.8	92.6	1.5	13.5	1.9	.906	None	
SBR80-1686	460.3-461.1	63513	17.5	1.6	77.2	3.7	46.4	3.8	.907	Slight	
SBR80-1687	461.1-462.3	63514	11.8	1.1	84.5	2.6	31.0	2.6	.908	None	
SBR80-1688	462.3-462.9	63515	17.4	1.4	77.5	3.7	45.8	3.4	.913	Slight	
SBR80-1689	462.9-463.8	63516	10.8	1.0	85.8	2.4	28.6	2.4	.904	None	
SBR80-1690	463.8-464.8	63517	12.1	1.1	84.1	2.7	32.0	2.6	.908	None	
SBR80-1691	464.8-465.7	63518	12.9	0.8	83.1	3.2	34.2	1.9	.903	None	
SBR80-1692	465.7-466.7	63519	20.0	1.5	74.6	3.9	52.3	3.6	.914	None	
SBR80-1693	466.7-467.6	63520	7.1	1.0	89.9	1.9	18.7	2.4	.918	None	
SBR80-1694	467.6-468.6	63521	5.3	0.8	91.9	2.0	13.9	1.9	.919	None	
SBR80-1695	468.6-469.6	63522	5.8	0.4	90.7	3.1	15.3	1.0	.914	None	
SBR80-1696	469.6-470.5	63523	9.6	0.7	87.5	2.2	25.2	1.7	.916	None	
SBR80-1697	470.5-471.5	63524	5.0	0.5	93.1	1.4	13.1	1.2	.917	None	

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Sample number			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	Water				
Laramie	Their	Run No.	Oil	Water	Spent shale	Gas + loss	Oil	Water				
SBR80-1698	471.5-472.4	63525	5.6	0.6	92.4	1.4	14.5	1.4	0.921	None		
SBR80-1699	472.4-473.3	63526	7.2	0.6	90.3	1.9	19.1	1.4	.908	None		
SBR80-1700	473.3-474.3	63527	15.4	1.1	80.6	2.9	41.0	2.6	.899	None		
SBR80-1701	474.3-475.0	63528	17.9	1.1	77.8	3.4	46.9	2.6	.903	None		
SBR80-1702	475.0-476.0	63529	6.0	1.1	91.5	1.4	16.1	2.6	.888	None		
SBR80-1703	476.0-476.8	63530	6.5	1.0	90.9	1.6	17.6	2.4	.883	None		
SBR80-1704	476.8-477.5	63531	14.8	1.6	80.6	3.0	39.4	3.8	.903	None		
SBR80-1705	477.5-478.5	63532	5.3	0.9	92.4	1.4	14.1	2.2	.906	None		
SBR80-1706	478.5-479.5	63533	3.7	1.0	94.1	1.2	9.8	2.4	.912	None		
SBR80-1707	479.5-480.2	63534	8.4	1.1	88.3	2.2	22.0	2.6	.914	None		
SBR80-1708	480.2-480.8	63535	15.1	1.6	80.1	3.2	39.5	3.8	.914	None		
SBR80-1709	480.8-481.7	63536	7.9	1.2	89.1	1.8	20.6	2.9	.914	None		
SBR80-1710	481.7-482.3	63537	4.0	1.2	93.4	1.4	10.4	2.9	.915	None		
SBR80-1711	482.3-483.2	63538	2.2	1.6	95.3	0.9	5.8	3.8	.914	None		
SBR80-1712	483.2-483.9	63539	3.6	0.8	94.7	0.9	9.4	1.9	.917	None		
SBR80-1713	483.9-484.8	63540	2.0	0.4	97.0	0.6	5.3	1.0	.906	None		
SBR80-1714	484.8-485.4	63541	3.2	0.7	95.2	0.9	8.4	1.7	.905	None		
SBR80-1715	485.4-486.5	63542	3.8	0.8	93.2	2.2	10.2	1.9	.908	None		
SBR80-1716	486.5-487.5	63543	11.0	1.5	85.4	2.1	28.9	3.6	.907	None		
SBR80-1717	487.5-488.4	63544	10.3	0.9	86.7	2.1	27.4	2.2	.898	None		
SBR80-1718	488.4-489.2	63545	7.5	0.4	89.6	2.5	19.8	1.0	.901	None		
SBR80-1719	489.2-490.6	63546	7.7	1.3	89.6	1.4	20.4	3.1	.907	None		
SBR80-1721	490.6-491.5	63547	12.8	1.7	83.2	2.3	34.1	4.1	.900	None		
SBR80-1722	491.5-492.8	63548	6.7	1.2	90.8	1.3	18.0	2.9	.897	None		
SBR80-1723	492.8-493.8	63549	5.3	1.8	91.6	1.3	14.0	4.3	.910	None		
SBR80-1724	493.8-494.8	63550	3.7	1.3	93.9	1.1	9.7	3.1	.916	None		
SBR80-1725	494.8-495.2	63551	2.2	0.9	96.3	0.6	5.6	2.2	.923	None		
SBR80-1726	495.2-495.6	63552	2.5	1.0	95.8	0.7	6.5	2.4	.919	None		
SBR80-1727	495.6-496.0	63553	3.7	1.2	94.2	0.9	9.6	2.9	.918	None		
SBR80-1728	496.0-496.6	63554	7.0	1.2	89.4	2.4	18.3	2.9	.913	None		

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 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											
SBR80-1729	496.6-496.9	63555	6.5	1.2	91.0	1.3	17.0	2.9	0.920		None	
SBR80-1730	496.9-497.8	64556	3.2	1.4	94.5	0.9	8.4	3.4	.919		None	
SBR80-1731	497.8-498.8	63557	1.6	0.8	97.2	0.4	4.1a	1.9			None	
SBR80-1732	498.8-499.8	63558	1.0	0.4	97.6	1.0	2.7a	1.0			None	
SBR80-1733	499.8-500.7	63559	1.1	0.5	97.8	0.6	2.8a	1.2			None	
SBR80-1734	500.7-501.7	63560	1.0	0.5	97.9	0.6	2.6a	1.2			None	
SBR80-1735	501.7-502.6	63561	1.0	0.5	98.1	0.4	2.5a	1.2			None	
SBR80-1736	502.6-503.7	63562	1.4	0.7	97.3	0.6	3.7a	1.7			None	
SBR80-1737	503.7-504.1	63563	2.6	0.7	96.0	0.7	6.9	1.7	.893		None	
SBR80-1738	504.1-504.6	63564	4.5	1.0	93.6	0.9	12.2	2.4	.891		None	
SBR80-1739	504.6-505.2	63565	9.0	1.4	87.8	1.8	24.0	3.4	.902		None	
SBR80-1740	505.2-505.9	63566	4.0	3.2	91.7	1.1	10.8	7.7	.893		None	
SBR80-1741	505.9-507.0	63567	1.4	1.4	96.7	0.5	3.6a	3.4			None	
SBR80-1742	507.0-508.0	63568	3.0	1.1	95.2	0.7	7.9	2.6	.902		None	
SBR80-1743	508.0-509.0	63569	14.0	1.1	82.5	2.4	36.6	2.6	.918		None	
SBR80-1744	509.0-509.3	63570	6.9	0.9	89.0	3.2	17.8	2.2	.921		None	
SBR80-1745	509.3-510.3	63571	2.5	1.1	95.3	1.1	6.5	2.6	.913		None	
SBR80-1746	510.3-510.9	63572	1.6	1.1	96.5	0.8	4.3a	2.6			None	
SBR80-1747	510.9-511.6	63573	1.8	1.2	96.2	0.8	4.7a	2.9			None	
SBR80-1748	511.6-512.6	63574	1.2	1.4	96.7	0.7	3.1a	3.4			None	
SBR80-1749	512.6-513.6	63575	1.6	1.2	96.6	0.6	4.1a	2.9			None	
SBR80-1750	513.6-514.6	63576	1.7	1.2	96.2	0.9	4.5a	2.9			None	
SBR80-1751	514.6-515.3	63577	1.8	1.1	96.5	0.6	4.7a	2.6			None	
SBR80-1752	515.3-516.5	63578	1.4	1.2	96.6	0.8	3.8a	2.9			None	
SBR80-1753	516.5-517.3	63579	4.8	1.5	92.4	1.3	12.7	3.6	.910		None	
SBR80-1754	517.3-517.9	63580	13.6	1.3	82.7	2.4	35.6	3.1	.916		None	
SBR80-1755	517.9-518.4	63581	1.7	1.1	96.8	0.4	4.3a	2.6			None	
SBR80-1756	518.4-519.2	63582	0.4	0.3	98.6	0.7	1.0a	0.7			None	
SBR80-1757	519.2-519.6	63583	3.7	1.5	93.9	0.9	9.6	3.6	.921		None	
SBR80-1758	519.6-520.1	63584	1.8	1.2	96.6	0.4	4.7a	2.9			None	

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Surface elevation: 6,427 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											
SBR80-1759	520.1-520.7	63585	5.5	1.9	91.3	1.3	14.3	4.6	0.916	None		
SBR80-1760	520.7-521.9	63586	1.5	1.7	96.4	0.4	4.0a	4.1		None		
SBR80-1761	521.9-522.8	63587	5.1	2.1	91.8	1.0	13.3	5.0	.914	None		
SBR80-1762	522.8-523.7	63588	0.3	0.7	98.7	0.3	0.7a	1.7		None		
SBR80-1763	523.7-523.8	63589	0.7	1.0	97.9	0.4	1.7a	2.4		None		
SBR80-1764	524.8-525.0	63590	0.0	0.1	98.8	1.1	Trace	0.3		None		
SBR80-1765	525.0-526.2	63591	0.7	0.9	98.0	0.4	1.8a	2.2		None		
SBR80-1766	526.2-527.0	63592	0.3	0.6	98.6	0.5	0.9a	1.4		None		
SBR80-1767	527.0-528.0	63593	0.4	0.7	97.2	0.7	1.2a	1.7		None		
SBR80-1768	528.0-529.0	63594	0.3	0.6	98.5	0.6	0.7a	1.4		None		
SBR80-1769	529.0-529.9	63595	0.6	0.5	98.4	0.5	1.5a	1.2		None		
SBR80-1770	529.9-530.5	63596	1.7	0.3	97.4	0.6	4.5a	0.7		None		
SBR80-1771	530.5-531.5	63597	0.2	0.3	99.0	0.5	0.6a	0.7		None		
SBR80-1772	531.5-532.6	63598	0.04	0.4	98.9	0.7	0.1a	1.0		None		
SBR80-1773	532.6-533.7	63599	2.9	0.3	96.2	0.6	7.5	0.7	.921	None		
SBR80-1774	533.7-534.7	63600	1.5	0.3	97.6	0.6	4.0a	0.7		None		
SBR80-1775	534.7-535.5	63601	3.9	0.7	94.4	1.0	10.0	1.7	.920	None		
SBR80-1776	535.5-535.9	63602	4.9	0.6	91.8	2.7	12.8	1.4	.912	None		
SBR80-1777	535.9-537.3	63603	2.4	1.1	95.6	0.9	6.4	2.6	.902	None		
SBR80-1778	537.3-538.3	63606	7.6	0.9	88.7	2.8	20.4	2.2	.895	None		
SBR80-1779	538.3-539.5	63607	4.3	1.3	92.8	1.6	11.6	3.1	.892	None		
SBR80-1780	539.5-540.8	63608	2.1	0.9	95.8	1.2	5.6	2.2	.901	None		
SBR80-1781	540.8-541.6	63609	1.9	1.0	95.7	1.4	5.0a	2.4		None		
SBR80-1782	541.6-542.3	63610	3.7	1.5	93.4	1.4	9.6	3.6	.904	None		
SBR80-1783	542.3-543.4	63611	0.7	1.3	97.3	0.5	1.7a	3.1		None		
SBR80-1784	543.4-544.1	63612	1.8	0.9	96.2	1.1	4.6a	2.2		None		
SBR80-1785	544.1-545.1	63613	1.4	0.6	96.2	1.8	3.7a	1.4		None		
SBR80-1786	545.1-546.2	63614	2.8	1.4	94.1	1.7	7.4	3.4	.910	None		
SBR80-1787	546.2-547.0	63615	1.7	1.5	95.7	1.1	4.5a	3.6		None		
SBR80-1788	547.0-547.7	63616	1.9	1.6	95.4	1.1	4.9a	3.8		None		

See footnote at end of table.

Core samples received October 5, 1977; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from ERDA/LERC Southern Uinta Basin Corehole 11

Surface elevation: 6,427 feet

Surface elevation: 6,427 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											
SBR80-1789	547.6-548.5	63617	1.6	1.1	96.6	0.7	4.1a	2.6			None	
SBR80-1790	548.5-549.3	63618	1.2	0.4	97.2	1.2	3.0a	1.0			None	
SBR80-1791	549.3-549.9	63619	2.0	1.6	95.5	0.9	5.3	3.8	.895		None	
SBR80-1792	549.9-550.4	63620	0.4	1.0	98.1	0.5	1.1a	2.4			None	
SBR80-1793	550.4-551.2	63621	2.6	0.9	95.5	1.0	7.0	2.2	.904		None	
SBR80-1794	551.2-551.8	63622	0.7	0.4	98.4	0.5	1.7a	1.0			None	
SBR80-1795	551.8-552.5	63623	4.3	0.7	93.8	1.2	11.5	1.7	.900		None	
SBR80-1796	552.5-553.3	63624	4.6	1.4	92.8	1.2	12.2	3.4	.897		None	
SBR80-1797	553.3-554.1	63625	6.3	2.4	89.8	1.5	16.5	5.8	.913		None	
SBR80-1798	554.1-555.0	63626	0.1	1.0	98.5	0.3	0.2a	2.6			None	
SBR80-1799	555.0-556.0	63627	0.3	0.3	99.2	0.2	0.8a	0.7			None	
SBR80-1800	556.0-556.5	63628	0.5	1.1	97.9	0.5	1.4a	2.6			None	
SBR80-1801	556.5-557.0	63629	7.6	0.9	89.4	2.1	19.6	2.2	.931		None	
SBR80-1802	557.0-557.7	63630	1.3	0.6	97.1	1.0	3.3a	1.4			None	
SBR80-1803	557.7-558.1	63631	8.6	2.0	87.1	2.3	22.5	4.8	.911		None	
SBR80-1804	558.1-558.8	63632	0.5	2.0	96.5	1.0	1.4a	4.8			None	
SBR80-1805	558.8-559.3	63633	11.8	1.0	84.5	2.7	30.5	2.4	.929		None	
SBR80-1806	559.3-560.2	63634	2.9	0.3	95.8	1.0	7.5	0.7	.921		None	560.2-562.9 Tar sand
SBR80-1807	560.9-563.9	63635	0.3	0.3	99.1	0.3	0.7a	0.7			None	
SBR80-1808	563.9-565.2	63636	0.0	0.8	98.8	0.4	Trace	1.9			None	565.2-566.7 Tar sand
SBR80-1809	566.7-567.1	63637	0.0	0.7	98.8	0.5	Trace	1.6			None	567.1-568.1 Tar sand
SBR80-1810	568.1-569.3	63638	0.4	0.1	98.6	0.9	1.0a	0.2			None	
SBR80-1811	569.3-570.1	63639	0.2	0.4	98.8	0.6	0.5a	1.0			None	570.1-580.2 Tar sand
SBR80-1812	580.2-580.5	63640	0.1	0.8	98.3	0.8	0.4a	1.9			None	580.5-580.6 Tar sand

^{1/} "a"--indicates specific gravity estimated as 0.920.

Core samples received October 5, 1977; assays made on air-dried samples