

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7, drilled in the NE1/4SE1/4 (587 feet S/C, 615 feet W/E) of sec 2, T 25 N, R 107 W of Sweetwater County, Wyoming

Surface elevation 6,655.5 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				
Laramie	Their		Oil	Water			Spent shale	Gas + loss	Oil ^{1/}	Water
SBR74-14269-300	0.0-160.0						No oil			
SBR74-14301	160.0-165.0						b			
SBR74-14302-5	165.0-185.0						No oil			
SBR74-14306	185.0-190.0						b			
SBR74-14307	190.0-195.0						Trace			
SBR74-14308-9	200.0-210.0						No oil			
SBR74-14310	210.0-215.0						b			
SBR74-14311	215.0-220.0						No oil			
SBR74-14312	220.0-225.0	96553	0.2	2.4	96.9	0.5	0.6a	5.8		None
SBR74-14313	225.0-230.0	96554	1.3	2.5	95.3	.9	3.5a	6.0		None
SBR74-14314	230.0-235.0	96555	.1	2.6	97.0	.3	.3a	6.2		Slight
SBR74-14315-38	235.0-355.0						No oil			
SBR74-14339	355.0-364.0	96556	2.3	2.2	94.3	1.2	6.0	5.3	0.924	None End of drill cuttings
SBR74-14340	364.0-366.0	96557	1.2	2.4	95.6	.8	3.1a	5.8		None Top of core
SBR74-14341	366.0-367.7	96558	.1	2.9	97.0	.0	.2a	7.0		None
SBR74-14342	367.7-368.7	96559	3.4	2.5	92.3	1.8	8.9	6.0	.915	None
SBR74-14343	368.7-370.0	96560	.0	1.9	97.9	.2	.1a	4.6		None
SBR74-14344	370.0-372.0	96561	1.5	4.0	93.8	.7	4.0a	9.6		None Rubble
SBR74-14345	372.0-374.0	96562	.5	3.3	95.8	.4	1.2a	7.9		None
SBR74-14346	374.0-375.9	96563	.0	3.0	96.8	.2	.1a	7.1		None
SBR74-14347	375.9-377.2	96564	6.3	2.6	89.6	1.5	16.7	6.2	.904	None
SBR74-14348	377.2-378.3	96565	6.3	2.5	89.6	1.6	16.8	6.0	.903	None
SBR74-14349	378.3-379.3	96566	6.5	1.8	89.2	2.5	16.8	4.3	.919	None
SBR74-14350	379.3-381.3	96567	1.3	2.3	95.6	.8	3.5a	5.5		None
SBR74-14351	381.3-383.3	96568	1.1	2.5	95.8	.6	2.9a	6.0		None
SBR74-14352	384.0-386.3	96569	1.5	2.0	95.7	.8	4.0a	4.8		None
SBR74-14353	386.3-388.2	96570	3.2	1.6	94.0	1.2	8.3	3.8	.912	None
SBR74-14354	388.2-393.0	96571	.2	2.8	96.8	.2	.5a	6.7		None
SBR74-14355	393.0-398.9	96572	.0	3.0	96.6	.4	Trace	7.1		None
SBR74-14356	398.9-399.3	96573	4.2	1.3	93.5	1.0	11.2	3.1	.906	None

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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		
Laramie	Their		Oil	Water					Oil ^{1/}	Water
SBR74-14357	400.3-402.5	96574	1.7	2.0	95.9	0.4	4.5a	4.8		None
SBR74-14358	402.5-405.0	96575	2.4	1.0	94.8	1.8	6.3a	2.4		None
SBR74-14359	405.0-406.0	96576	3.1	2.0	93.9	1.0	8.3	4.8	0.891	None
SBR74-14360	406.0-408.0	96577	3.7	1.4	93.7	1.2	9.9	3.4	.896	None
SBR74-14361	408.0-410.0	96578	2.3	1.6	95.3	.8	6.1	3.8	.893	None
SBR74-14362	410.0-413.0	96579	2.5	2.2	94.5	.8	6.6	5.3	.890	None
SBR74-14363	413.0-416.0	96580	2.9	1.5	94.7	.9	7.7	3.6	.892	None
SBR74-14364	416.0-418.5	96581	2.3	1.6	95.1	1.0	6.0	3.8	.897	None
SBR74-14365	418.5-421.0	96582	1.3	3.0	95.2	.5	3.4a	7.2		None
SBR74-14366	421.0-422.6	96583	2.9	1.7	94.1	1.3	7.9	4.1	.892	None
SBR74-14367	422.6-423.8	96584	3.4	1.8	93.5	1.3	9.2	4.3	.894	None
SBR74-14368	423.8-425.7	96585	4.1	1.6	92.8	1.5	11.1	3.7	.892	None
SBR74-14369	425.7-427.2	96586	7.1	1.9	89.1	1.9	19.2	4.6	.891	None
SBR74-14370	427.2-428.3	96587	7.1	1.5	89.0	2.4	19.1	3.6	.890	None
SBR74-14371	428.3-430.0	96589	10.1	1.6	85.8	2.5	27.3	3.8	.891	None
SBR74-14372	430.0-431.2	96590	7.8	1.6	88.3	2.3	20.9	3.8	.899	None
SBR74-14373	431.2-432.8	96591	3.2	1.4	94.3	1.1	8.6	3.4	.901	None
SBR74-14374	432.8-433.8	96592	9.1	1.8	87.2	1.9	24.3	4.3	.900	None
SBR74-14375	433.8-434.9	96593	11.4	2.0	83.8	2.8	30.2	4.8	.903	None
SBR74-14376	434.9-436.0	96594	10.6	1.9	85.1	2.4	28.3	4.6	.899	None
SBR74-14377	436.0-437.0	96595	10.3	1.5	85.4	2.8	27.4	3.7	.900	None
SBR74-14378	437.0-438.0	96596	5.7	1.6	91.0	1.7	15.4	3.8	.890	None
SBR74-14379	438.0-439.2	96597	3.9	1.8	93.0	1.3	10.5	4.3	.896	None
SBR74-14380	439.2-440.7	96598	1.2	2.4	95.8	.6	3.2a	5.8		None
SBR74-14381	440.8-442.0	96599	4.0	1.0	93.3	1.7	10.7	2.4	.904	None
SBR74-14382	442.0-443.0	96600	10.3	1.5	86.1	2.1	27.3	3.6	.903	None
SBR74-14383	443.0-444.7	96601	11.8	.8	84.6	2.8	31.0	1.9	.911	None
SBR74-14384	444.7-445.8	96602	9.7	1.3	86.8	2.2	25.6	3.1	.907	None
SBR74-14385	445.8-446.8	96603	9.1	1.3	87.4	2.2	24.2	3.1	.905	None
SBR74-14386	446.8-447.5	96604	10.0	.7	85.5	3.8	26.3	1.7	.915	None

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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			
SBR74-14387	447.5-448.5	96605	5.4	1.4	91.6	1.6	14.4	3.4	0.904	None		
SBR74-14388	448.5-449.5	96606	2.1	1.3	96.1	.5	5.6	3.1	.900	None		
SBR74-14389	449.5-450.5	96607	2.8	1.3	94.8	1.1	7.5	3.1	.913	None		
SBR74-14390	450.5-451.8	96608	4.9	1.2	92.2	1.2	13.1	4.1	.904	None		
SBR74-14391	451.8-452.9	96609	6.5	1.2	90.7	1.6	17.4	2.9	.891	None		
SBR74-14392	452.9-453.9	96610	8.0	.8	88.5	2.7	21.6	1.9	.890	None		
SBR74-14393	453.9-455.0	96611	6.8	1.6	89.5	2.1	18.3	3.8	.895	None		
SBR74-14394	455.0-456.0	96612	3.3	1.5	94.2	1.0	8.9	3.6	.900	None		
SBR74-14395	456.0-457.7	96613	2.1	1.4	95.2	1.3	5.7	3.4	.907	None		
SBR74-14396	457.7-458.8	96614	6.4	.8	90.3	2.5	16.8	2.0	.906	None		
SBR74-14397	458.8-459.9	96615	9.5	1.2	87.0	2.3	25.3	2.9	.898	None		
SBR74-14398	459.9-461.0	96616	3.8	2.0	93.4	.8	10.2	4.8	.891	None		
SBR74-14399	461.0-462.4	96617	1.4	.8	97.3	.5	3.7a	1.8		None		
SBR74-14400	462.4-463.8	96618	1.2	.8	97.7	.3	3.1a	1.8		None		
SBR74-14401	463.8-464.9	96619	3.3	.8	95.0	.9	8.8	1.8	.911	None		
SBR74-14402	464.9-466.2	96620	11.5	1.1	84.8	2.6	30.4	2.6	.907	None		
SBR74-14403	466.2-467.6	96621	17.5	1.4	77.4	3.7	46.6	3.5	.897	None		
SBR74-14404	467.6-468.7	96622	5.5	.8	92.1	1.6	14.7	1.9	.894	None		
SBR74-14405	468.7-469.7	96623	2.2	.4	96.3	1.1	5.9	.9	.909	None		
SBR74-14406	469.7-470.8	96624	2.5	.2	96.5	.8	6.5	.6	.907	None		
SBR74-14407	470.8-471.8	96625	3.1	.8	95.0	1.1	8.1	1.9	.907	None		
SBR74-14408	471.8-472.9	96626	2.9	.6	95.5	1.0	7.6	1.4	.909	None		
SBR74-14409	472.9-474.2	96627	9.6	1.5	86.6	2.3	25.4	3.6	.902	None		
SBR74-14410	474.2-474.8	96628	16.0	1.5	79.4	3.1	42.7	3.6	.899	None		
SBR74-14411	474.8-475.6	96629	2.5	2.3	93.9	1.3	6.8	5.5	.894	None		
SBR74-14412	475.6-477.1	96630	1.7	.9	96.9	.5	4.4a	2.2		None		
SBR74-14413	477.1-478.9	96631	5.6	.8	90.8	2.8	14.6	2.0	.917	None		
SBR74-14414	478.9-479.9	96632	3.8	.8	94.4	1.0	10.1	1.9	.902	None		
SBR74-14415	479.9-481.5	96633	2.5	.6	95.7	1.2	6.7	1.4	.907	None	(0.5 ft is missing)	
SBR74-14416	481.5-483.0	96634	7.9	1.0	89.0	2.1	20.9	2.4	.906	None		

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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	
SBR74-14447	516.2-517.5	96665	4.3	1.3	92.9	1.5	11.3	3.1	0.907	None	
SBR74-14448	517.5-519.1	96666	1.6	1.2	96.2	1.0	4.3a	2.9		None	
SBR74-14449	519.1-520.5	96667	4.3	2.1	91.9	1.7	11.3	5.0	.911	None	
SBR74-14450	520.5-521.5	96668	.0	.2	99.6	.2	No oil	.4		None	Main tuff
SBR74-14451	521.7-522.7	96669	1.3	.8	97.1	.8	3.4a	1.9		None	
SBR74-14452	522.7-523.8	96670	3.0	1.4	94.2	1.4	7.8	3.4	.907	None	
SBR74-14453	523.8-524.8	96671	2.9	1.3	93.8	2.0	7.5	3.1	.910	None	
SBR74-14454	524.8-526.0	96672	2.8	1.5	94.2	1.5	7.4	3.6	.912	None	
SBR74-14455	526.0-527.3	96673	2.1	.8	95.5	1.6	5.5	2.0	.905	None	
SBR74-14456	527.3-528.4	96674	3.1	1.1	94.5	1.3	8.1	2.6	.915	None	
SBR74-14457	528.4-529.7	96675	2.0	1.1	95.7	1.2	5.3	2.6	.911	None	
SBR74-14458	529.7-531.0	96676	2.1	1.0	95.8	1.1	5.6	2.4	.913	None	
SBR74-14459	531.0-532.3	96677	2.9	1.1	95.0	1.0	7.5	2.6	.910	None	
SBR74-14460	532.3-533.2	96678	4.9	1.1	92.5	1.5	13.2	2.6	.890	None	
SBR74-14461	533.2-534.4	96679	3.5	2.1	92.7	1.7	9.1	5.0	.908	None	
SBR74-14462	534.4-535.4	96680	1.2	1.2	96.8	.8	3.1a	2.9		None	
SBR74-14463	535.4-536.4	96681	1.2	1.2	96.8	.8	3.0a	2.9		None	
SBR74-14464	536.4-537.4	96682	1.5	1.5	96.0	1.0	3.8a	3.6		None	
SBR74-14465	537.4-538.7	96683	2.2	1.1	95.1	1.6	5.7	2.6	.910	None	
SBR74-14466	538.7-539.7	96684	3.1	1.8	93.9	1.2	8.1	4.3	.900	None	
SBR74-14467	541.0-542.2	96685	2.0	1.6	95.4	1.0	5.3	3.8	.907	None	
SBR74-14468	542.2-543.2	96686	2.5	1.9	94.5	1.1	6.7	4.6	.904	None	
SBR74-14469	543.2-544.2	96687	2.5	2.2	93.9	1.4	6.7	5.3	.900	None	
SBR74-14470	544.2-545.2	96688	1.8	2.2	94.9	1.1	4.8a	5.3		None	
SBR74-14471	545.2-546.2	96689	.7	1.5	97.4	.4	1.8a	3.6		None	
SBR74-14472	546.2-547.2	96690	.6	1.6	97.3	.5	1.5a	3.8		None	
SBR74-14473	547.2-548.2	96691	1.0	1.5	96.7	.8	2.5a	3.6		None	
SBR74-14474	548.2-549.2	96692	1.2	1.1	97.1	.6	3.1a	2.6		None	
SBR74-14475	549.2-550.2	96693	1.3	.8	96.9	1.0	3.3a	2.0		None	
SBR74-14476	550.2-551.6	96694	4.1	1.9	92.5	1.5	10.9	4.6	.905	None	

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

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Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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 ^{1/}	Water
SBR74-14477	551.6-552.8	96695	1.4	1.9	95.4	1.3	3.6a	4.6	None	
SBR74-14478	552.8-553.8	96696	1.0	1.9	96.4	.7	2.5a	4.6	None	
SBR74-14479	553.8-554.8	96697	.3	2.4	96.6	.7	.9a	5.8	None	
SBR74-14480	554.8-555.8	96698	.8	2.0	96.7	.5	2.1a	4.8	None	
SBR74-14481	555.8-556.9	96699	2.0	1.9	95.1	1.0	5.2	4.6	0.914	None
SBR74-14482	556.9-558.1	96700	.4	1.5	97.7	.4	1.0a	3.7	None	
SBR74-14483	558.1-559.2	96701	.7	2.1	96.6	.6	1.9a	5.0	None	
SBR74-14484	559.2-560.3	96702	3.9	1.8	93.2	1.1	10.2	4.3	.910	None
SBR74-14485	560.3-561.3	96703	.9	1.4	97.1	.6	2.4a	3.4	None	
SBR74-14486	561.3-562.3	96704	.2	2.2	97.2	.4	.4a	5.3	None	
SBR74-14487	562.3-563.4	96709	.8	1.7	96.8	.7	2.1a	4.1	None	
SBR74-14488	563.4-564.5	96710	5.8	1.8	90.0	2.4	15.3	4.3	.914	None
SBR74-14489	564.5-565.5	96711	2.1	1.6	95.1	1.2	5.4	3.8	.911	None
SBR74-14490	565.5-567.1	96712	1.0	1.5	97.0	.5	2.5a	3.6	None	
SBR74-14491	567.1-568.7	96713	1.3	1.9	96.1	.7	3.4a	4.6	None	
SBR74-14492	568.7-569.9	96714	5.8	2.0	90.5	1.7	15.4	4.8	None	
SBR74-14493	569.9-571.0	96715	1.6	.6	95.8	2.0	4.2a	1.3	None	
SBR74-14494	571.0-572.6	96716	.7	1.3	97.4	.6	1.8a	3.1	None	
SBR74-14495	572.6-573.3	96717	4.9	1.0	92.1	2.0	12.7	2.4	.930	None
SBR74-14496	573.3-574.3	96718	2.6	1.8	94.5	1.1	6.9	4.3	.915	None
SBR74-14497	574.3-575.3	96719	.1	1.0	97.6	1.3	.2	2.4	None	
SBR74-14498	575.3-577.1	96720	.4	1.1	98.0	.5	1.1a	2.6	None	
SBR74-14499	577.1-578.1	96721	3.4	1.3	94.4	.9	8.8	3.1	.919	None
SBR74-14500	578.1-579.1	96722	.2	2.0	97.5	.3	.5a	4.8	None	
SBR74-14501	580.0-581.3	96723	2.7	1.9	94.2	1.2	7.2	4.6	.909	None
SBR74-14502	581.3-582.5	96724	3.2	1.9	93.8	1.1	8.4	4.6	.909	None
SBR74-14503	582.5-583.5	96725	2.4	1.9	94.9	.8	6.2	4.6	.905	None
SBR74-14504	583.5-584.5	96726	1.8	1.6	95.9	.7	4.7a	3.8	None	
SBR74-14505	584.5-585.7	96727	2.1	1.7	95.4	.8	5.4	4.1	.916	None
SBR74-14506	585.7-587.1	96728	.4	3.0	96.1	.5	1.0a	7.2	None	

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

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Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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		Gal per ton						
Laramie	Their	Oil	Water	Spent shale	Gas + loss	Oil ^{1/}	Water			
SBR74-14507	587.1-588.1	96729	0.0	1.7	98.0	0.3	0.1a	4.1	None	
SBR74-14508	588.1-589.2	96730	.0	3.5	96.4	.1	Trace	8.3	None	
SBR74-14509	589.2-590.3	96731	.0	2.5	97.0	.5	Trace	6.1	None	
SBR74-14510	590.3-591.3	96732	1.0	1.8	96.7	.5	2.7a	4.3	None	
SBR74-14511	591.3-592.4	96733	3.3	1.7	94.1	.9	8.7	4.1	0.896	None
SBR74-14512	592.4-593.5	96734	3.6	1.9	93.0	1.5	9.6	4.6	.903	None
SBR74-14513	593.5-594.6	96735	1.7	1.6	95.7	1.0	4.5a	3.8		None
SBR74-14514	594.6-595.7	96736	1.4	1.5	96.4	.7	3.5a	3.6		None
SBR74-14515	595.7-596.8	96737	2.4	1.5	95.0	1.1	6.5	3.6	.904	None
SBR74-14516	596.8-597.8	96738	1.3	1.5	95.3	1.9	3.4a	3.6		None
SBR74-14517	597.8-598.9	96739	.0	.2	99.3	.5	No oil	.4		None
SBR74-14518	598.9-599.6	96740	2.5	1.5	94.5	1.5	6.7	3.6	.908	None
SBR74-14519	600.0-601.0	96741	2.8	1.7	94.1	1.4	7.4	4.2	.903	None
SBR74-14520	601.0-602.2	96742	2.8	2.0	93.9	1.3	7.5	4.8	.905	None
SBR74-14521	602.2-602.8	96743	.6	1.3	97.4	.7	1.5a	3.1		None
SBR74-14522	602.8-603.5	96744	8.7	1.6	87.7	2.0	22.8	3.8	.915	None
SBR74-14523	603.5-604.6	96745	.0	.5	99.3	.2	No oil	1.2		None
SBR74-14524	604.6-605.7	96746	.0	1.1	98.7	.2	No oil	2.7		None
SBR74-14525	605.7-606.8	96747	.0	1.3	98.3	.4	No oil	3.0		None
SBR74-14526	606.8-607.9	96748	.0	1.3	98.4	.3	No oil	3.1		None
SBR74-14527	607.9-609.0	96749	.0	1.1	98.7	.2	No oil	2.5		None
SBR74-14528	609.0-610.3	96750	.0	1.1	98.6	.3	No oil	2.6		None
SBR74-14529	610.3-611.0	96751	8.4	1.6	87.9	2.1	21.9	3.8	.921	None
SBR74-14530	611.0-612.0	96752	.0	.6	99.4	.0	No oil	1.4		None
SBR74-14531	612.0-614.0	96753	.0	.8	99.1	.1	No oil	1.9		None
SBR74-14532	614.0-616.1	96754	.0	.9	98.8	.3	No oil	2.1		None
SBR74-14533	619.6-621.0	96755	.0	1.7	98.2	.1	No oil	4.0		None
SBR74-14534	621.0-623.0	96756	.0	2.3	97.6	.1	No oil	5.4		None
SBR74-14535	623.0-626.0	96757	.0	1.2	98.3	.5	No oil	2.9		None
SBR74-14536	626.0-629.0	96758	.0	2.2	97.4	.4	No oil	5.4		None

See footnote at end of table.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples

OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from U. S. Bureau of Mines' Wyoming Corehole No. 7 (con.)

Surface elevation 6,655.5 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 ^{1/}
SBR74-14537	629.0-632.0	96759	0.0	1.3	98.0	0.7	No oil	3.1	None
SBR74-14538	632.0-636.0	96760	.0	1.5	98.0	.5	No oil	3.7	None
SBR74-14539	636.0-640.0	96761	.0	1.2	98.4	.4	No oil	2.9	None
SBR74-14540	640.0-643.0	96768	.0	2.0	97.5	.5	No oil	4.7	None
SBR74-14541	643.0-645.5	96769	.0	2.7	96.8	.5	No oil	6.5	None
SBR74-14542	645.5-646.5	96770	.0	3.2	96.6	.2	No oil	7.6	None
SBR74-14543	646.5-647.6	96771	.0	1.1	98.7	.2	No oil	2.6	None
SBR74-14544	647.6-649.5	96772	1.3	1.7	96.2	.8	3.3a	4.1	None
SBR74-14545	649.5-651.2	96773	.0	1.0	98.6	.4	No oil	2.4	None
SBR74-14546	651.2-651.9	96774	.3	2.4	96.5	.8	.8a	5.8	None
SBR74-14547	651.9-653.0	96775	.1	2.4	97.4	.1	.2a	5.8	None
SBR74-14548	653.0-655.0	96776	.0	1.0	98.7	.3	.1a	2.4	None
SBR74-14549	655.0-657.0	96777	.0	1.7	98.1	.2	.1a	4.0	None
SBR74-14550	657.0-660.0	96778	.0	1.3	98.6	.1	.0a	3.0	None
	660.0-688.6		Barren rock, not assayed						

^{1/} "a"--indicates specific gravaty 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.

Core and drill cutting samples received September 15 and 18, 1972; assays made on air-dried samples