

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from Hyland Oil Corporation's Jack Canyon Unit well No. 7 drilled in  
NW1/4SE1/4NE1/4 of sec. 33, T. 12 S., R. 16 E., Carbon County, Utah

30' of 25 gal  
70' of 15 gal  
✓  
UR 237

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	
SBR63-14448-52	140- 180						c				
SBR63-14453	180- 190	92808	1.3	1.5	96.4	0.8	3.3a	3.6		None	
SBR63-14454	190- 200	92809	1.1	1.5	96.5	.9	2.9a	3.6		None	
SBR63-14455	200- 210	92810	2.4	2.0	94.7	.9	6.2	4.8	0.925	None	
SBR63-14456	220- 230	92811	2.1	2.4	94.4	1.1	5.4	5.8	.925	None	
SBR63-14457	230- 240	92812	1.9	1.8	95.2	1.1	4.8a	4.3		None	
SBR63-14458	240- 270	92813	2.9	1.9	94.0	1.2	7.6	4.6	.915	None	
SBR63-14459	270- 300	92814	2.7	1.8	94.3	1.2	7.1	4.3	.913	Non	
SBR63-14460	300- 330	92815	1.2	1.2	96.3	1.3	3.0a	3.0		None	
SBR63-14461	330- 360	92816	1.4	1.7	96.0	.9	3.8a	4.1		None	
SBR63-14462	360- 390	92817	2.6	1.4	94.6	1.4	6.8	3.3	.924	None	
SBR63-14463	390- 420	92818	2.6	1.2	95.6	.6	6.9	2.8	.916	None	
SBR63-14464	420- 450	92819	.8	1.1	97.3	.8	2.0a	2.6		None	
SBR63-14465	450- 480						c				
SBR63-14466	480- 510	92820	1.0	1.4	97.2	.4	2.5a	3.4		None	
SBR63-14467	510- 540	92821	9.8	1.3	86.7	2.2	25.8	3.1	.909	None	
SBR63-14468	540- 570	92822	3.1	.9	94.5	1.5	8.1	2.2	.910	None	
SBR63-14469	570- 600	92823	2.0	1.6	95.7	.7	5.2a	3.8		None	
SBR63-14470	600- 630	92824	.8	1.5	97.2	.5	2.1a	3.5		None	
SBR63-14471	630- 660	92825	.8	1.3	97.2	.7	2.1a	3.1		None	
SBR63-14472	660- 690	92826	2.4	1.4	95.3	.9	6.3	3.4	.907	None	
SBR63-14473	690- 720	92827	2.5	1.2	95.5	.8	6.7	2.9	.908	None	
SBR63-14474	720- 750	92828	1.1	1.6	96.8	.5	2.8a	4.0		None	
SBR63-14475	750- 780						c				
SBR63-14476	780- 810	92829	1.2	1.5	96.5	.8	3.1a	3.6		None	
SBR63-14477	810- 840	92830	1.1	1.7	96.6	.6	3.0a	4.0		None	
SBR63-14478	840- 870	92831	.8	1.4	96.9	.9	2.0a	3.4		None	
SBR63-14479-97	870-1000						c				

<sup>1/</sup> "a" indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "c"--1 to 3 gal oil/ton.

Drill cutting samples received June 18, 1963; assays made on air-dried samples