

## OIL-SHALE ASSAYS BY MODIFIED FISCHER RETORT METHOD

Samples from S and P Corporation's Corehole AC-1 drilled in NE1/4NW1/4NW1/4 (645 feet S/N 820 feet E/W) of sec 10, T 11 S, R 12 E, Duchesne County, Utah

Surface elevation 7,060 feet

Sample number		Run No.	Yield of product				Gal per ton		Specific gravity of oil at 60°/60°F	Properties of spent shale		Remarks
			Weight percent		Spent shale	Gas + loss				Tendency to coke		
			Laramie	Their			Oil	Water			Oil <sup>1/</sup>	
SBR66-4057	236.0-237.8						No oil					
SBR66-4058	237.8-238.6	13640	0.7	2.4	96.1	0.8	1.7a	5.8		None		
SBR66-4059	238.6-240.8	13641	.2	2.9	96.1	.8	.5a	7.0		None		
SBR66-4060-61	240.8-245.3						No oil					
SBR66-4062-66	246.0-260.8						No oil					
SBR66-4067	260.8-263.5	13642	1.0	2.0	96.1	.9	2.6a	4.8		None		
SBR66-4068	263.5-265.0	13643	.5	.5	98.2	.8	1.2a	1.2		None		
SBR66-4069	266.0-268.9						No oil					
SBR66-4070	268.9-270.1						Trace					
SBR66-4071	270.1-271.3	13644	.5	1.5	97.4	.6	1.4a	3.6		None		
SBR66-4072-73	271.3-276.3						No oil					
SBR66-4074-77	277.0-286.4						No oil					
SBR66-4078	287.0-288.7	13645	.7	2.4	96.1	.8	1.7a	5.8		None		
SBR66-4079	288.7-290.3	13646	.6	2.4	96.2	.8	1.5a	5.8		None		
SBR66-4080-82	290.3-296.6						No oil					
SBR66-4083	297.0-299.2	13647	1.1	2.4	95.4	1.1	2.8a	5.8		None		
SBR66-4084	299.2-302.3	13648	.3	.6	98.9	.2	.6a	1.4		None		
SBR66-4085	302.3-304.3						b					
	23.0-236.0										2/	
	304.3-407.0										2/	

<sup>1/</sup> "a"--indicates specific gravity estimated as 0.92. Oil yields were estimated by a rapid test-tube method: "No oil", "Trace", "b"--less than 1 gal oil/ton. <sup>2/</sup> Sections of barren rock not sampled.

Core samples received October 5, 1965; assays made on air-dried samples