



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

August 28, 1981

ShoMor Gas & Oil Corporation  
10600 Mastin  
Overland Park, Kansas 66212

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Owens Lease, Well No. 5-B, located 495' East of the West Line and 1910' South of the North Line of the Northeast  $\frac{1}{4}$  in Section 8, T-18S, R-22E, in Miami County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on August 24, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Sanford A. Michel*  
by B. L.

Sanford A. Michel

SAM/kas

5 c to Overland Park, Kansas

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LOGName ShoMor Gas & Oil Corporation Lease Owens Well No. 5-B

<u>Depth Interval, Feet</u>	<u>Description</u>
583.0 - 583.7	Brown sandstone.
583.7 - 584.4	Gray shale.
584.4 - 584.8	Brown sandstone.
584.8 - 585.8	Gray shale with brown sandstone partings.
585.8 - 587.4	Gray shale.
587.4 - 587.7	Brown sandstone.
587.7 - 591.5	Gray silty shale with light brown sandstone partings

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## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company ShoMor Gas & Oil Corp. Lease Owens Well No. 5-B

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	583.4	20.6	51	17	68	815	95.
2	584.7	18.4	55	23	78	785	28.
3	585.6	8.6	17	48	65	113	Imp.
4	587.5	17.8	42	12	54	580	11.
5	588.6	13.5	10	69	79	105	0.84
6	590.4	6.1	18	70	88	85	Imp.