



OILFIELD RESEARCH LABORATORIES

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

April 24, 1981

Emery Energy, Inc.
P. O. Box 519
Osawatomie, Kansas 66064

Gentlemen:

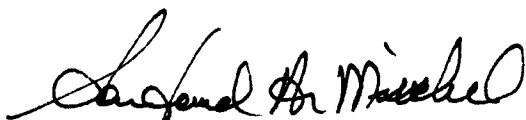
Attached hereto are the results of tests run on the rotary core taken from the Sullivan Lease, Well No. D-12, located in Miami County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on April 15, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Osawatomie, Kansas

T17S, R22E, Sec. 20

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LOGName Emery Energy, Inc. Lease Sullivan Well No. D-12

<u>Depth Interval, Feet</u>	<u>Description</u>
309.0 - 309.8	Grayish light brown calcareous laminated sandstone and shale.
309.8 - 311.1	Grayish light brown calcareous sandstone and shale.
311.1 - 312.0	Grayish light brown calcareous laminated sandstone and shale.
312.0 - 315.0	No core.
315.0 - 318.7	Grayish light brown calcareous laminated sandstone and shale.
318.7 - 319.2	Light brown calcareous sandstone and shale.
319.2 - 320.6	Light gray limestone.
320.6 - 321.9	Light brown calcareous sandstone.
321.9 - 323.0	Grayish light brown calcareous sandstone and shale.
323.0 - 325.2	Gray calcareous shaly sandstone.
325.2 - 326.3	Grayish light brown calcareous sandstone and shale.
326.3 - 326.8	Gray calcareous shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Emery Energy, Inc. Lease Sullivan Well No. D-12

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	319.1	10.2	37	21	58	293	8.7
2	322.5	17.8	7	62	69	97	3.9
3	323.1	14.6	28	65	93	317	Imp.
4	325.6	13.7	31	50	81	329	0.78
5	326.2	14.3	44	45	89	488	0.27