



OILFIELD RESEARCH LABORATORIES

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

July 23, 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 Blackmore Lease, Well No. B1, located in Section 29, T-17S, R-23E, 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 July 20, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Osawatomie, Kansas

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LOGName Emery Energy, Inc. Lease Blackmore Well No. B1

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
319.0 - 321.5	Grayish light brown slightly calcareous shaly sandstone.
321.5 - 322.0	Light brown slightly calcareous sandstone.
322.0 - 323.8	Grayish light brown slightly calcareous shaly sandstone.
323.8 - 326.4	Grayish brown alternate layers slightly calcareous shale and sandstone.
326.4 - 327.0	Grayish light brown slightly calcareous shaly sandstone.
327.0 - 329.7	Brown slightly calcareous sandstone.
329.7 - 331.0	Gray and brown alternate layers slightly calcareous shale and sandstone.
331.0 - 333.0	Gray calcareous shale.
333.0 - 334.0	Grayish light brown slightly calcareous shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Emery Energy, Inc. Lease Blackmore Well No. B1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	319.6	12.3	2	90	92	19	Imp.
2	320.6	11.3	13	83	96	114	Imp.
3	321.6	16.7	31	61	92	402	14.
4	322.5	14.2	27	56	83	297	5.3
5	323.6	13.2	34	53	87	348	4.3
6	324.6	17.9	48	33	81	667	34.
7	325.9	15.9	35	57	92	432	30.
8	326.8	17.4	15	70	85	202	2.7
9	328.5	17.0	35	57	94	488	17.
10	329.5	14.4	52	45	97	581	14.
11	330.8	14.4	24	57	81	268	Imp.
12	333.4	8.3	39	54	93	251	0.60