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

October 28, 1982

Patrick Development Corporation
c/o Kerry Patrick
10009 Howe Drive
Leawood, Kansas 66206

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the W. J. Pringle Lease, Well No. PDC-3, located 1046' from the North Line and 165' from the West Line in the Northwest ¼ of Section 17, T-26S, R-17E, Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 27, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Leawood, Kansas

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LOG

Company Patrick Development Corporation Lease W. J. Pringle Well No. PDC-3

Depth Interval, Feet	Description
	LOWER SQUIRREL SANDSTONE
843.0 - 843.8	Dark brown sandstone.
843.8 - 845.0	Alternate layers gray shale and brown sandstone.
845.0 - 845.4	Gray slightly sandy shale.
845.4 - 846.0	Grayish brown shaly sandstone.
846.0 - 847.0	Brown shaly sandstone with gray shale partings.
847.0 - 848.4	Grayish brown very shaly sandstone.
848.4 - 848.7	Brown slightly shaly sandstone.
848.7 - 849.0	Grayish brown very shaly sandstone.
849.0 - 851.0	Grayish brown shaly sandstone.
851.0 - 851.5	Brown shaly sandstone.
851.5 - 852.0	Grayish brown very shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Patrick Development Corporation Lease W. J. Pringle Well No. PDC-3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	843.5	23.6	56	22	78	1,025	153.
2	844.6	17.8	48	21	69	663	6.0
3	845.6	16.2	34	39	73	427	2.0
4	846.5	18.2	36	30	66	508	3.3
5	847.6	12.1	22	73	95	207	Imp.
6	848.5	18.2	35	32	67	494	6.0
7	849.5	18.1	59	21	80	829	2.3
8	850.5	15.0	35	46	81	407	2.1
9	851.6	13.8	61	34	95	653	Imp.