

OILFIELD RESEARCH LABORATORIES

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

March 3, 1981

Jayhawk Production Company
113 South Kansas
Olathe, Kansas 66061
c/o Gerald Williams

Gentlemen:

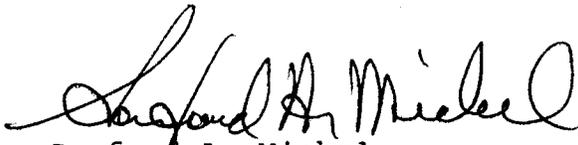
Attached hereto are the results of tests run on the rotary core taken from the Cooper Lease, Well No. 1, located in Franklin County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on February 23, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas

5 c to Olathe, Kansas

T185, R20E, Sec. 34

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LOG

Name Jayhawk Production Co. Lease Cooper Well No. 1

Depth Interval,
Feet

Description

CATTLEMAN SAND

782.0 - 784.4	Dark brown and gray laminated sandstone and shale.
784.4 - 785.1	Light brown and gray laminated sandstone and shale.
785.1 - 786.0	Brown and gray laminated sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Jayhawk Production Co. Lease Cooper Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	782.6	18.6	76	20	96	1097	65.
2	783.5	20.8	63	19	82	1017	127.
3	785.3	19.6	61	23	84	928	9.6