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

June 11, 1981

Blackhawk Oil Company, Inc.
15 North Highland
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Bowers Lease, Well No. 2, located in Section 24, T-21S, R-15E, in Woodson County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and were submitted to our laboratory on June 10, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

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Name Blackhawk Oil Company Lease Bowers Well No. 2

Depth Interval, Feet	Description
	UPPER SQUIRREL SAND
1084.0 - 1086.2	Brown shaly sandstone.
1086.2 - 1088.0	Brown and gray laminated sandstone and shale.
1088.0 - 1090.0	Grayish light brown very shaly sandstone.
	LOWER SQUIRREL SAND
1130.0 - 1131.1	Grayish light brown very shaly sandstone.
1131.1 - 1133.0	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Blackhawk Oil Co., Inc Lease Bowers Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			UPPER SQUIRREL SAND				
1	1084.4	14.1	45	37	82	492	1.0
2	1085.5	13.1	30	48	78	305	0.76
3	1086.5	13.9	43	42	85	464	0.98
4	1087.6	13.7	39	54	93	415	0.89
5	1088.5	10.2	20	75	95	158	Imp.
6	1089.4	10.2	19	77	96	150	Imp.
			LOWER SQUIRREL SAND				
7	1130.8	13.1	12	76	88	122	2.2
8	1131.8	14.8	50	46	96	574	4.2
9	1132.5	13.5	51	28	79	534	0.23