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

December 3, 1981

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

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Nelson Lease, Well No. 2, located 1470' East of the West Line and 150' North of the South Line in Section 24, T-27S, R-16E, in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 2, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.L.

Sanford A. Michel

SAM/mkf

5 c to Chanute, Ks.

OILFIELD RESEARCH LABORATORIES

LOG

Name Blackhawk Oil Co., Inc. Lease Nelson Well No. 2

Depth Interval, Feet	Description	Squirrel Sand
865.0 - 869.0	Grayish brown shaly sandstone.	
869.0 - 870.2	Gray slightly sandy shale.	

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

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

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			SQUIRREL SAND				
1	865.5	11.5	16	78	94	143	0.20
2	866.7	13.8	50	39	89	535	0.78
3	867.4	13.2	43	54	97	440	4.2
4	868.5	10.3	4	93	97	32	Imp.
5	869.5	10.2	18	78	96	142	Imp.