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

May 2, 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 Wilson Lease, Well No. 1, located 480' from the North Line, and 1320' from the East Line, in the Northeast ¼, of Section 31, T-24S, R-16E, in Woodson County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on April 25, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESERACH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Chanute, Kansas

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LOG

Name Blackhawk Oil Co., Inc. Lease Wilson Well No. 1

Depth Interval, Feet	Description
	UPPER SQUIRREL SAND
998.0 - 998.8	Light brown slightly calcareous sandstone.
998.8 - 999.5	Gray calcareous sandstone.
999.5 - 1001.9	Gray and light brown laminated slightly calcareous shale and sandstone.
1001.9 - 1003.6	Brown slightly calcareous slightly carbonaceous sandstone.
1003.6 - 1004.8	Gray and light brown slightly calcareous shale and sandstone.
1004.8 - 1007.0	Brown slightly calcareous slightly carbonaceous sandstone.
	LOWER SQUIRREL SAND
1047.0 - 1047.5	Gray shale.
1047.5 - 1048.2	Light brown slightly calcareous sandstone.
1048.2 - 1050.0	Grayish light brown slightly calcareous shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Blackhawk Oil Co., Inc Lease Wilson Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. /A Ft.	Perm., Mill.
			Oil	Water	Total		
			UPPER SQUIRREL				
1	998.5	16.1	13	33	46	162	10.
2	999.6	4.2	35	53	88	114	Imp.
3	1000.5	17.0	27	38	65	356	7.4
4	1001.5	14.8	25	50	75	287	6.4
5	1002.6	20.7	41	30	71	658	31.
6	1003.5	15.2	23	56	79	271	30.
7	1004.5	8.3	22	70	92	142	Imp.
8	1005.5	18.1	64	3	67	899	195.
9	1006.5	17.3	44	31	75	591	33.
			LOWER SQUIRREL				
10	1047.6	18.3	64	19	83	909	31.
11	1148.5	16.1	27	60	87	337	9.4
12	1049.5	12.8	34	58	92	338	Imp.