



OILFIELD RESEARCH LABORATORIES

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

July 21, 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 Campbell (North) Lease, Well No. 9, located 1140' East of the West Line and 150' South of the North Line in the Northwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ in Section 36, T-27S, R-16E, in Wilson County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and were submitted to our laboratory on July 20, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

OILFIELD RESEARCH LABORATORIES

LOG

Name Blackhawk Oil Company, Inc. Lease Campbell (North)

Well No. 9

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
852.0 - 853.4	Black slightly calcareous slightly carbonaceous sandstone.
853.4 - 854.0	Grayish brown slightly calcareous shaly sandstone.
854.0 - 855.6	Brown slightly calcareous sandstone.
855.6 - 860.2	Grayish brown slightly calcareous shaly sandstone.
860.2 - 863.0	Gray slightly sandy shale.
	<u>BARTLESVILLE SAND</u>
985.0 - 986.0	Light brown slightly calcareous sandstone.
986.0 - 989.1	Grayish brown slightly calcareous shaly sandstone.
989.1 - 993.0	Dark brown slightly calcareous sandstone.
993.0 - 995.0	Grayish brown slightly calcareous shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Blackhawk Oil Co., Inc Lease Campbell (North) Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
	<u>SQUIRREL SAND</u>						
1	852.5	19.5	38	27	65	575	54.
2	853.6	17.3	37	38	75	497	1.1
3	854.6	17.1	40	32	72	531	18.
4	855.4	16.8	53	27	80	691	24.
5	856.5	15.5	57	27	84	685	3.7
6	857.4	15.2	43	37	80	507	2.8
7	858.5	9.9	25	67	92	192	Imp.
8	859.6	14.4	30	50	80	335	2.4
9	860.6	11.6	26	67	93	234	Imp.
10	861.4	10.5	24	69	93	196	Imp.
11	862.6	10.8	10	85	95	84	Imp.
	<u>BARTLESVILLE SAND</u>						
12	985.5	15.3	38	33	71	451	17.
13	986.5	13.9	31	41	72	334	9.4
14	978.6	11.3	40	32	72	351	2.5
15	988.4	15.2	30	36	66	354	6.3
16	989.4	18.8	52	14	66	758	60.
17	990.6	17.5	46	18	64	625	101.
18	991.3	17.1	51	18	69	677	23.
19	992.6	15.2	39	31	70	460	13.
20	993.5	12.9	26	46	72	260	2.8
21	994.4	10.9	41	27	68	347	Imp.