



# OILFIELD RESEARCH LABORATORIES

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

August 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 Campbell Lease, Well No. N-11, located 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 August 8, 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

LOGName Blackhawk Oil Company, Inc. Lease Campbell Well No. N-11

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>SQUIRREL SAND</u>	
853.0 - 854.5	Grayish brown shaly sandstone.
854.5 - 856.8	Brown sandstone.
856.8 - 861.5	Gray and brown laminated shale and sandstone.
861.5 - 862.0	Brown slightly carbonaceous sandstone.
862.0 - 862.6	Grayish brown shaly sandstone.
862.6 - 863.0	No core.
<u>BARTLESVILLE SAND</u>	
989.0 - 990.5	Grayish brown slightly carbonaceous shaly sandstone.
990.5 - 991.8	Dark brown sandstone.
991.8 - 992.7	Gray shaly sandstone.
992.7 - 993.8	Brown sandstone.
993.8 - 994.6	Grayish brown shaly sandstone.
994.6 - 996.0	Dark brown sandstone.
996.0 - 997.2	Grayish brown shaly sandstone.
997.2 - 999.8	Gray shale.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Blackhawk Oil Co., Inc Lease Campbell Well No. N-11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
	<u>SQUIRREL SAND</u>						
1	853.5	12.6	30	39	69	293	1.6
2	854.6	14.5	34	16	50	383	18.
3	855.5	18.1	27	35	62	379	29.
4	856.5	20.4	24	54	78	380	20.
5	857.6	13.4	34	61	95	353	Imp.
6	858.6	15.7	42	35	77	512	4.3
7	859.4	13.0	19	77	96	192	Imp.
8	860.5	16.2	36	34	70	452	4.1
9	861.6	15.6	44	27	71	533	19.
10	862.4	16.0	28	62	90	348	3.3
	<u>BARTLESVILLE SAND</u>						
11	989.5	14.6	31	44	75	351	4.6
12	990.6	14.4	27	49	76	302	10.4
13	991.5	16.8	43	29	72	560	14.
14	992.4	11.4	24	65	89	212	Imp.
15	993.5	17.9	38	31	69	528	41.
16	994.5	14.9	27	52	79	312	3.3
17	995.6	16.1	56	28	84	700	21.
18	996.7	13.8	26	66	92	278	1.3