



OILFIELD RESEARCH LABORATORIES

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

May 6, 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 Goebel Lease, Well No. 1, located in Section 30, T-24S, R-16E, in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on April 28, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOG

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

Depth Interval,
Feet

Description

UPPER SQUIRREL SAND

999.0 - 1002.7

Gray and light brown slightly calcareous laminated shale and sandstone.

1002.7 - 1006.0

Light brown slightly calcareous sandstone.

1006.0 - 1006.7

Gray shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

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

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	999.6	15.2	27	50	77	318	1.5
2	1000.5	12.1	21	69	90	197	3.5
3	1001.5	13.9	29	53	82	313	4.1
4	1002.4	11.4	37	42	79	371	0.33
5	1003.6	18.5	45	35	80	646	12.
6	1004.7	18.5	39	25	64	560	127.
7	1005.5	18.8	40	24	64	583	26.
8	1006.4	13.2	64	19	83	655	0.89