



# OILFIELD RESEARCH LABORATORIES

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

May 7, 1981

Century Enterprises  
102 S. Washington, Box 116  
Iola, Kansas 66749

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Rourke Lease, Well No. 1, located in Allen 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 29, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Iola, Kansas

T24, R18E, Sec. 29

- REGISTERED ENGINEERS -

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

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LOG

Name Century Enterprises Lease Rourke Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>LOWER SQUIRREL SAND</u>
706.0 - 709.7	Brown slightly calcareous slightly micaceous sandstone.
709.7 - 711.2	Light brown slightly calcareous slightly shaly sandstone.
711.2 - 712.2	Brown slightly calcareous sandstone.
712.2 - 713.2	Brown slightly calcareous slightly shaly sandstone.
713.2 - 714.0	Grayish brown slightly calcareous slightly micaceous sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Century Enterprises Lease Rourke Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	706.5	16.2	43	31	74	540	12.
2	707.6	15.4	41	31	72	490	10.
3	708.5	15.6	39	50	89	472	8.0
4	709.5	15.7	32	49	81	390	10.
5	710.6	14.5	14	56	70	158	4.7
6	711.5	16.2	47	35	82	591	19.
7	712.5	16.1	22	67	89	275	9.2
8	713.4	15.5	44	44	88	529	31.