



# OILFIELD RESEARCH LABORATORIES

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

July 23, 1981

Prairie Oil Exploration Corporation  
c/o John Siddall  
R R # 3, Box 13  
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Nelson I Lease, Well No. 6, located in Section 30, T-26S, R-17E, 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 July 21, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Sanford A. Michel*  
by *B. L.*

Sanford A. Michel

SAM/kas

4 c to Chanute, Kansas  
1 c to Topeka, Kansas

- REGISTERED ENGINEERS -

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

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LOG

Name Prairie Oil Exp. Corp. Lease Nelson I Well No. 6

Depth Interval,  
Feet

Description

SQUIRREL SAND

851.0 - 863.5

Grayish dark brown slightly calcareous shaly  
sandstone.

863.5 - 868.2

Gray shale.

868.2 - 869.1

Grayish light brown shaly sandstone.

869.1 - 871.0

Black slightly carbonaceous sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Prairie Oil Exp. Corp. Lease Nelson I Well No. 6

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	851.6	10.9	39	46	85	329	0.66
2	852.5	12.2	31	56	87	293	1.8
3	853.5	13.5	24	67	91	251	Imp.
4	854.5	13.0	34	50	84	343	Imp.
5	855.5	14.2	21	55	76	231	Imp.
6	856.6	14.7	26	43	69	297	7.1
7	857.4	13.4	42	38	80	437	0.26
8	858.4	15.2	37	39	76	436	2.1
9	859.5	13.5	16	57	73	168	Imp.
10	860.5	12.7	33	56	89	325	Imp.
11	861.5	11.6	26	62	88	234	1.4
12	862.4	11.7	17	80	97	154	Imp.
13	863.4	10.6	25	67	92	206	Imp.
14	868.6	14.5	38	37	75	427	7.0
15	869.5	19.9	57	8	65	880	39.
16	870.4	18.7	53	13	66	769	9.4