



OILFIELD RESEARCH LABORATORIES

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

August 19, 1981

Roy Ellis
Piqua, Kansas 66761

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Willis (Ellis) Lease, Well No. 8, located 200' from the West Line and 650' from the South Line of the East $\frac{1}{2}$ of the Southeast $\frac{1}{4}$ in Section 23, T-25S, R-17E, 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 August 15, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B. L.

Sanford A. Michel

SAM/kas

5 c to Piqua, Kansas

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LOG

Name Roy Ellis Lease Willis (Ellis) Well No. 8

Depth Interval,
Feet

Description

PERU SAND

625.0 - 634.7

Brown sandstone.

634.7 - 636.0

Grayish light brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Roy Ellis Lease Willis (Ellis) Well No. 8

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	625.5	18.7	25	53	78	363	9.9
2	626.5	19.2	16	60	76	238	25.
3	627.4	21.5	27	46	73	450	42.
4	628.5	18.3	23	58	81	327	15.
5	629.5	16.8	26	56	82	339	26.
6	630.6	18.1	43	45	88	604	12.
7	631.4	17.6	31	57	88	423	35.
8	632.5	19.5	34	49	83	514	45.
9	633.4	20.8	30	60	90	484	84.
10	634.4	16.8	31	54	85	404	30.
11	635.5	10.6	24	71	95	197	5.0