



OILFIELD RESEARCH LABORATORIES

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

July 3, 1981

4-C Company
R R # 3
Parsons, Kansas 67357

Gentlemen:

Attached hereto are the results of tests run on the rotary core and rotary core samples taken from the Schmidt Lease, Well No. 2, located in Section 28, T-31S, R-17E, in Montgomery County, Kansas.

The core and the Cattleman sand core samples were sealed in plastic bags by a representative of the client and were submitted to our laboratory on June 30, 1981.

It is assumed that each core sample represents one foot of core.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Parsons, Kansas

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LOGName 4-C Company Lease Schmidt Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>PERU SAND</u>
497.0 - 499.0	Grayish light brown slightly calcareous shaly sandstone.
499.0 - 500.0	Grayish light brown slightly calcareous sandstone.
500.0 - 501.0	Grayish light brown slightly calcareous shaly sandstone.
501.0 - 604.2	Grayish light brown slightly calcareous sandstone.
	<u>CATTLEMAN SAND</u>
678.0 - 680.7	Grayish light brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company 4-C Company Lease Schmidt Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
		<u>PERU SAND</u>					
1	497.5	16.0	34	61	95	422	2.6
2	498.4	17.5	7	67	74	95	7.7
3	499.7	20.4	13	58	71	206	46.
4	500.5	15.3	27	67	94	321	2.8
5	501.4	19.1	19	52	71	282	52.
6	502.6	18.9	31	46	77	455	47.
7	503.4	19.5	19	59	78	287	127.
		<u>CATTLEMAN SAND</u>					
8	678.5						Imp.
9	679.5						0.54
10	680.5	6.1	54	31	85	256	Imp.