



OILFIELD RESEARCH LABORATORIES

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

August 6, 1980

Jim's Water Service, Inc.
P. O. Box 3076
Inglewood, Colorado 80111

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Gier Lease, Well No. 20-I, located 3474' West, and 2200' North of the Southeast Corner of Section 24, Township 27S, Range 21E, Bourbon County, Kansas and submitted to our laboratory on June 27, 1980.

The core was sampled by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP/ks

4 c to Inglewood, Colorado
1 c to Erie, Kansas

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LOG

Name Jim's Water Service, Inc. Lease Gier Well No. 20-I

<u>Depth Interval, Feet</u>	<u>Description</u>
644.5 - 645.8	Grayish brown very shaly sandstone.
645.8 - 648.9	Light brown slightly shaly sandstone.
648.9 - 649.7	Brown sandstone.
649.7 - 651.7	Grayish brown shaly sandstone.
651.7 - 652.6	Light brown slightly shaly sandstone.
652.6 - 653.5	Grayish brown very shaly sandstone.

Oilfield Research Laboratories
RESULTS OF PERMEABILITY AND POROSITY TESTS
TABLE I A

Company Jim's Water Service, Inc. Lease Gier Well No. 20-I

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.	Percent Porosity
			Ft.	Cum. Ft.		
1	644.7	0.20				14.0
2	645.3	1.9				14.3
3	646.5	11.				18.2
4	647.5	9.4				17.2
5	648.3	12.				18.4
6	649.5	58.				19.7
7	650.5	2.0				13.3
8	651.5	2.1				14.9
9	652.5	8.2				15.5
10	653.2	0.23				9.9