



OILFIELD RESEARCH LABORATORIES

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

November 23, 1982

Zoandra Petroleum, Inc.
11000 East Yale Avenue, Suite 106
Aurora, Colorado 80014

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Orth Lease, Well No. 2, located in Section 11, T-26S, R-17E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 20, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Aurora, Colorado

- REGISTERED ENGINEERS -

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

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LOGCompany Zoandra Petroleum, Inc. Lease Orth Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SANDSTONE</u>
744.0 - 747.4	Grayish brown shaly sandstone.
747.4 - 747.7	Brown sandstone.
747.7 - 748.8	Grayish brown very shaly sandstone.
748.8 - 749.0	Brown sandstone.
749.0 - 749.2	Gray shale.
749.2 - 749.6	Brown sandstone.
749.6 - 749.8	Gray shale.
749.8 - 752.0	Brown sandstone.
752.0 - 753.0	Grayish brown very shaly sandstone.
753.0 - 756.0	No core.
756.0 - 757.0	Brown shaly sandstone.
757.0 - 758.2	Grayish brown very shaly sandstone.
758.2 - 759.0	Grayish dark brown very shaly slightly carbonaceous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Zoandra Petroleum, Inc. Lease Orth Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	745.5	17.6	26	49	75	355	5.0
2	747.5	19.9	36	37	73	556	58.
3	749.4	19.1	30	45	75	445	82.
4	750.5	19.7	43	33	76	657	62.
5	751.6	19.6	39	29	68	593	61.
6	756.7	17.1	43	23	66	570	3.8
7	758.5	18.1	49	21	70	688	0.30