

OILFIELD RESEARCH LABORATORIES

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

December 27, 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 Frisbie Lease, Well No. 1, located in Section 23, T-28S, R-15E, Wilson County, Kansas.

The core was sampled by a representative of the client and received unbagged in our laboratory on December 21, 1982. The client reported that the core had been out approximately 36 hours before submitted to the laboratory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.R.

Sanford A. Michel

SAM/rmc

5 c to Aurora, Colorado

OILFIELD RESEARCH LABORATORIES

LOGCompany Zoandra Petroleum, Inc. Lease Frisbie Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SANDSTONE</u>
950.0 - 951.0	Grayish brown very shaly sandstone.
951.0 - 952.0	Grayish brown shaly sandstone.
952.0 - 953.0	Grayish brown very shaly sandstone.
953.0 - 954.0	Grayish brown shaly sandstone.
954.0 - 957.0	Grayish brown very shaly sandstone.
957.0 - 958.0	Grayish brown shaly sandstone.
958.0 - 961.0	Grayish brown very shaly slightly micaceous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Zoandra Petroleum, Inc. Lease Frisbie Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	950.5	12.2	68	27	95	644	Imp.
2	951.5	15.2	61	22	83	719	5.8
3	952.5	11.1	65	30	95	560	Imp.
4	953.5	14.2	50	27	77	551	1.8
5	954.5	11.4	51	31	82	451	Imp.
6	955.5	13.7	49	19	68	521	0.34
7	956.5	12.7	58	20	78	572	Imp.
8	957.6	15.2	46	25	71	542	1.0
9	958.5	10.7	33	56	89	274	Imp.
10	959.5	13.5	42	41	83	440	Imp.
11	960.5	12.6	13	57	70	127	Imp.