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

December 30, 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. 3, located in Section 23, T-28S, R-15E, Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 29, 1982.

Your business is greatly appreicated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B. L.

Sanford A. Michel

SAM/rmc

5 c to Aurora, Colorado

OILFIELD RESEARCH LABORATORIES

LOG

Company Zoandra Petroleum, Inc. Lease Frisbie Well No. 3

Depth Interval, Feet	Description
	SQUIRREL SANDSTONE
943.0 - 944.1	Grayish brown very shaly sandstone.
944.1 - 949.4	Grayish light brown shaly sandstone.
949.4 - 951.2	Grayish brown slightly micaceous shaly sandstone.
951.2 - 952.0	Grayish black shaly sandstone.
952.0 - 953.3	Gray very shaly sandstone.
953.3 - 954.3	Grayish black very shaly sandstone.
954.3 - 955.0	Grayish brown shaly sandstone.
955.0 - 956.5	Grayish black very shaly sandstone.
956.5 - 956.8	Gray shale.
956.8 - 957.5	Brown very shaly sandstone.
957.5 - 959.7	Grayish brown very shaly sandstone.
959.7 - 960.1	Coal.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Zoandra Petroleum, Inc. Lease Frisbie Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	943.5	14.4	34	48	82	380	0.58
2	944.5	15.2	38	40	78	448	1.5
3	945.5	14.8	45	36	81	517	1.4
4	946.4	15.2	47	28	75	554	1.6
5	947.5	13.3	44	42	86	454	4.1
6	948.5	13.4	46	38	84	478	3.8
7	949.6	15.1	60	28	88	703	2.3
8	950.6	14.1	57	34	91	624	1.1
9	951.5	13.9	59	18	77	636	0.74
10	952.5	6.3	13	81	94	64	Imp.
11	953.5	14.0	69	21	90	749	0.47
12	954.6	15.2	58	20	78	684	1.3
13	955.6	14.8	46	28	74	528	0.76
14	956.4	15.5	61	36	97	734	0.37
15	957.5	18.1	36	38	74	506	0.38
16	958.5	17.1	39	29	68	517	0.87
17	959.4	15.9	50	40	90	617	0.54