

OILFIELD RESEARCH LABORATORIES

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

May 22, 1980

John P. Jennings & Plains State Corp.
200 East First Street
Suite 309
Wichita, Kansas 67200

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Schaake Lease, Well No. 2, located in the Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{4}$, Southeast of Section 32, T-12, R-20E, Douglas County, Kansas.

The core was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories, and submitted to our laboratory on May 15, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Wichita, Kansas

OILFIELD RESEARCH LABORATORIES

LOGName John P. Jennings & Plains State CorporationLease Schaake Well No. 2Depth Interval,
FeetDescriptionPERU SAND

698.0 - 699.3	Gray laminated sandstone and shale.
699.3 - 700.0	Gray sandstone.
700.0 - 708.8	Gray laminated sandstone and shale.
708.8 - 710.0	Gray shaly sandstone.
710.0 - 712.3	Gray laminated sandstone and shale.
712.3 - 712.9	Gray shaly sandstone.
712.9 - 714.3	Gray sandstone.
714.3 - 716.0	Gray shaly slightly calcareous sandstone.
716.0 - 717.1	Gray sandstone.
717.1 - 718.5	Gray conglomeratic sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company John P. Jennings & Plains State Corp. Lease Schaake Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	699.5	15.8	16	80	96	196	34.
2	709.5	22.1	7	78	85	120	2.7
3	712.5	15.8	4	90	94	49	Imp.
4	713.5	23.2	2	92	94	36	90.
5	716.4	18.4	13	64	77	186	17.
6	717.5	16.4	17	71	88	216	26.
7	718.2	15.6	29	65	94	351	27.