OILFIELD RESEARCH LABORATORIES

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

January 19, 1981

Roy Swager
R R # 1
Cherryvale, Kansas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Roy Swager Lease, Well No. 3, located 165' from the South Line and 825' from the West Line in the Southwest ¼ in Section 3, T-32S, R-17E, in Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on January 14, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Cherryvale, Kansas

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LOG

Name Roy Swager Lease Roy Swager Well No. 3

Depth Interval, Feet	Description
	BARTLESVILLE SAND
763.0 - 763.3	Brown shaly sandstone.
763.3 - 764.0	Gray sandy shale.
764.0 - 765.1	Brown sandstone.
765.1 - 766.3	Brown slightly shaly sandstone.
766.3 - 767.0	Brown shaly sandstone.
767.0 - 767.4	Gray sandy shale.
767.4 - 770.9	Light brown and gray laminated sandstone and shale.
770.9 - 772.0	Light brown shaly sandstone.
772.0 - 775.4	Brown and gray laminated sandstone and shale.
775.4 - 776.6	Brown sandstone.
776.6 - 778.7	Brown shaly sandstone.
778.7 - 780.0	Gray sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Roy Swager Lease Roy Swager Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	764.5	19.4	35	38	73	527	20.
2	765.5	18.7	42	30	72	609	8.7
3	766.5	19.0	47	29	76	693	1.0
4	767.6	9.3	23	71	94	166	Imp.
5	769.5	13.8	12	82	94	129	0.22
6	770.7	16.2	13	76	89	163	1.5
7	771.5	17.4	28	47	75	378	3.3
8	772.5	16.0	20	62	82	248	1.1
9	773.5	14.7	24	65	89	274	0.28
10	774.8	18.5	36	39	75	517	2.7
11	775.6	16.5	36	48	84	461	13.
12	776.4	18.4	38	40	78	542	12.
13	777.5	18.6	29	32	61	419	6.9
14	778.5	16.7	19	41	60	246	5.9