

OILFIELD RESEARCH LABORATORIES

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

March 31, 1981

Roy Swager
R R 1
Cherryvale, Kansas 67335

Gentlemen:

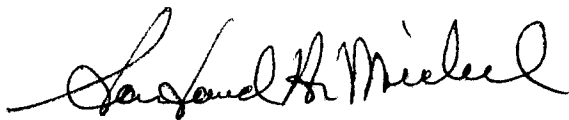
Attached hereto are the results of tests run on the rotary core taken from the Roy Swager Lease, Well No. 5, located in Section 3, T-32S, R-17E, in Montgomery County, Kansas.

The core was sampled and sealed in plastic by a representative of the client and was submitted to our laboratory on March 26, 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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LOGName Roy Swager Lease Roy Swager Well No. 5Depth Interval,
FeetDescriptionBARTLESVILLE SAND

758.0 - 772.3	Grayish light brown slightly calcareous shaly sandstone.
772.3 - 773.4	Light brown slightly calcareous sandstone.
773.4 - 776.3	Grayish light brown slightly calcareous shaly sandstone.
776.3 - 777.0	Light brown slightly calcareous sandstone.
777.0 - 777.5	Shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Roy Swager Lease Roy Swager Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	758.5	17.9	19	56	75	264	5.9
2	759.5	18.5	29	44	73	416	4.9
3	760.5	18.0	27	37	64	377	6.9
4	761.5	15.8	38	44	82	466	2.2
5	762.5	15.1	37	50	87	433	2.6
6	763.5	4.8	16	70	86	60	Imp.
7	764.6	5.0	10	81	91	39	Imp.
8	765.6	3.7	11	80	91	32	Imp.
9	766.5	4.5	21	60	81	73	Imp.
10	767.5	4.1	15	71	86	48	Imp.
11	768.4	16.1	26	44	70	325	5.2
12	769.5	15.5	27	42	69	325	Imp.
13	770.5	10.1	47	44	91	368	Imp.
14	771.7	17.5	13	58	71	177	6.6
15	772.6	17.0	26	50	76	343	11.
16	773.6	17.4	31	48	79	419	6.9
17	774.6	18.1	29	36	65	407	9.6
18	775.5	15.4	31	53	84	370	0.43
19	776.5	18.1	38	36	74	534	13.