



# OILFIELD RESEARCH LABORATORIES

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

November 18, 1980

Roy W. Swager  
Rural Route #1  
Cherryvale, Knasas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Swager Lease, Well No. 1, located 165' from the West line and 165' from the South line, in the Southwest  $\frac{1}{4}$  in Section 3, T-32S, R-17E, Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 11, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

  
Sanford A. Michel

SAM/tem

5 c to Cherryvale, Kansas

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Name Roy W. Swager Lease Swager Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
	BARTLESVILLE SAND
747.0 - 752.0	Light brown and gray laminated sandstone and shale.
752.0 - 752.8	Gray laminated sandstone and shale.
752.8 - 753.7	Light brown and gray laminated sandstone and shale.
753.7 - 755.7	Brown sandstone.
755.7 - 757.0	Grayish brown shaly sandstone.
757.0 - 759.6	Brown sandstone.
759.6 - 763.6	Grayish brown very shaly sandstone.

**Oilfield Research Laboratories**

**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Roy W. Swager Lease Swager Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	747.5	15.0	36	45	81	419	1.7
2	748.6	10.3	32	62	94	256	Imp.
3	749.6	12.9	22	60	82	220	Imp.
4	750.5	13.9	17	71	88	183	Imp.
5	751.5	12.6	40	53	93	391	Imp.
6	753.5	17.8	27	45	72	373	3.3
7	754.5	19.6	39	28	67	593	32.
8	755.5	18.6	40	30	70	577	34.
9	756.5	17.3	28	40	68	376	0.35
10	757.5	18.8	33	32	65	481	24.
11	758.5	15.2	45	43	88	531	14.
12	759.5	17.4	47	24	71	634	14.
13	760.5	17.7	36	27	63	494	1.
14	761.5	17.8	25	39	64	345	Imp.
15	762.5	14.7	28	46	74	319	3.6
16	763.5	17.1	36	33	69	478	3.4