



OILFIELD RESEARCH LABORATORIES

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

October 8, 1980

Cherryvale Well Service
119 West Main Street
Cherryvale, Kansas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Kaufman-Bast Lease, Well No. 1, located in Section 3, T-32S, R-17E, Montgomery County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on September 26, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Cherryvale, Kansas

LOGName Cherryvale Well Service Lease Kaufman-Bast Well No. 1

<u>Depth Interval</u> <u>Feet</u>	<u>Description</u>
	STREY SAND
675.0 - 676.1	Light brown shaly sandstone.
676.1 - 679.6	Brown slightly calcareous shaly sandstone.
	BARTLESVILLE SAND
707.0 - 708.9	Grayish light brown shaly sandstone.
708.9 - 723.0	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Cherryvale Well Service Lease Kaufman-Bast Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			<u>STREY SAND</u>				
1	675.5	14.4	19	52	71	212	3.6
2	676.5	14.8	34	41	75	390	2.8
3	677.5	13.6	27	52	79	285	2.4
4	678.5	9.7	33	60	93	248	0.41
5	679.5	13.2	21	69	90	215	0.44
			<u>BARTLESVILLE SAND</u>				
6	707.5	7.5	5	73	78	29	Imp.
7	708.5	7.7	28	70	98	167	Imp.
8	709.5	14.5	27	48	75	304	0.54
9	710.5	14.5	30	45	75	338	0.39
10	711.5	12.7	20	57	77	197	0.38
11	712.5	9.4	47	50	97	343	Imp.
12	713.5	6.4	47	51	98	233	0.21
13	714.5	13.2	30	45	75	307	0.71
14	715.5	13.4	42	32	74	437	0.56
15	716.5	14.0	39	36	75	424	0.80
16	717.5	14.6	49	35	84	555	1.4
17	718.5	14.1	40	35	75	438	1.4
18	719.5	13.7	46	37	83	489	Imp.
19	720.5	14.8	53	29	82	609	Imp.
20	721.5	15.1	31	49	80	363	0.57
21	722.5	14.8	48	39	87	551	1.3