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

April 9, 1982

C & W Oil Producers
P. O. Box 8539
Shawnee Mission, Kansas 66208

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Simmons Lease, Well No. 3, located 1362.55' South of the North Line and 563.6' West of the East Line in Section 22, T-18S, R-22E, in Miami County, Kansas.

The core was sampled and sealed in plastic by a representative of the client and was submitted to our laboratory on April 7, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Shawnee Mission, Kansas

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LOG

Name C & W Oil Producers Lease Simmons Well No. 3

Depth Interval, Feet	Description
	UPPER SQUIRREL SAND
301.0 - 302.0	Gray shaly sandstone (ground up).
302.0 - 303.0	Light brown sandstone.
303.0 - 303.7	Gray and brown laminated shale and sandstone.
303.7 - 304.5	Gray limestone.
304.5 - 306.2	Alternate layers gray shale and slightly calcareous brown sandstone.
306.2 - 306.5	Brown slightly calcareous sandstone.
306.5 - 307.0	Gray limestone.
307.0 - 309.0	Gray and brown laminated slightly calcareous shale and sandstone.
309.0 - 310.0	Brown slightly calcareous sandstone.
310.0 - 310.6	Dark brown slightly calcareous slightly shaly sandstone
310.6 - 312.1	Brown slightly calcareous slightly shaly sandstone.
312.1 - 314.5	Gray and brown slightly calcareous laminated shale and sandstone.
314.5 - 314.8	Gray limestone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company C & W Oil Producers Lease Simmons Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	302.4	19.8	24	67	91	369	38.
2	303.5	18.7	35	55	90	508	1.9
3	304.7	15.2	37	55	92	436	1.8
4	306.3	14.9	37	50	87	428	13.
5	307.2	15.8	38	49	87	466	6.5
6	308.5	16.2	44	50	94	553	7.9
7	309.5	16.1	56	27	83	699	3.1
8	310.5	18.6	63	22	85	909	145.
9	311.4	17.1	38	46	84	504	35.
10	312.3	19.8	43	39	82	661	101.
11	313.4	17.5	30	65	95	407	29.
12	314.4	17.5	28	57	85	380	41.