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

January 19, 1982

Steinberger Oil Company
400 E. Locust Street
Independence, Kansas 67301

Gentlemen;

Attached hereto are the results of tests run on the rotary cores taken from the Steinberger Lease, Well No. 4, located 1267' from the North Line, and 165' from the West Line, in the Northwest ¼, of Section 10, T-31S, R-15E, Montgomery County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on January 17, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/pdc

5 c to Independence, Kansas

OILFIELD RESEARCH LABORATORIES

LOG

Name Steinberger Oil Company Lease Steinberger Well No. 4

Depth Interval, Feet	Description
	PERU SAND
672.0 - 675.4	Grayish brown sandstone.
675.4 - 688.0	Grayish brown slightly shaly sandstone.
	CATTLEMAN SAND
890.0 - 890.6	Grayish brown slightly shaly sandstone.
890.6 - 897.0	Gray shaly sandstone.
	BURGESS SAND
1085.0 - 1086.0	Grayish brown sandstone.
1086.0 - 1089.8	Grayish brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Steinberger Oil Company Lease Steinberger Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			PERU SAND				
1	673.0	15.9	43	33	76	530	19.
2	675.0	16.4	27	46	73	344	23.
3	681.0	14.3	21	54	75	233	5.0
4	687.0	14.5	25	43	68	281	5.4
			CATTLEMAN SAND				
5	890.5	13.6	34	22	56	359	8.3
6	891.5	13.4	45	23	68	468	1.4
7	893.5	14.3	31	31	62	344	0.87
8	895.5	7.4	22	72	94	126	Imp.
9	896.5	12.4	19	67	86	183	Imp.
			BURGESS SAND				
10	1085.5	17.4	32	32	64	432	17.
11	1086.5	15.8	30	48	78	368	3.8
12	1087.5	14.0	23	60	83	250	2.0
13	1088.5	16.8	14	57	71	183	5.2
14	1089.5	14.2	14	77	91	154	0.50