



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

14-28-20E

November 20, 1968

Smith Engineering, Inc.  
15 ~~209~~ South Forest  
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the Blaine Lease, Well No. 1-A, Neosho County, Kansas, and submitted to our laboratory on November 19, 1968.

This core is from a virgin territory and was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:dp

4 c. - Chanute, Kansas

Blaine 1-A



-LOG-Company Smith Engineering, Inc. Lease Blaine Well No. 1-A

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
482.0 - 484.7	Gray sandy shale.
484.7 - 485.5	Brown shaly sandstone.
485.5 - 491.0	Dark brown fine grained micaceous slightly shale sandstone
491.0 - 493.5	Dark brown fine grained micaceous slightly carbonaceous sandstone.
493.5 - 500.0	Gray sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Smith Engineering, Inc. Lease Blaine Well No. 1-A

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	485.7	20.3	37	32	69	583	48.	0.6	0.6	350	28.80
2	486.5	17.7	47	35	82	659	20.	0.9	1.5	593	18.00
3	487.5	19.5	37	36	73	560	28.	1.0	2.5	560	28.00
4	488.5	19.9	45	37	82	695	9.7	1.0	3.5	695	9.70
5	489.5	16.9	42	48	90	550	19.	1.0	4.5	550	19.00
6	490.5	20.9	39	37	76	633	39.	1.0	5.5	633	39.00
7	491.5	20.1	43	42	85	671	55.	1.0	6.5	671	55.00
8	492.5	17.7	42	35	77	577	24.	1.5	8.0	866	36.00