



OILFIELD RESEARCH LABORATORIES

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

March 7, 1966

23-28-20E

Stan Cannan
701 South Highland
Chanute, Kansas

Dear Sir:

Attached hereto are the results of tests run on the Rotary core taken from the Blaine Lease, Well No. 2, Neosho County, Kansas, and submitted to our laboratory on March 6, 1966.

This core was sampled after being received in the laboratory. The well was drilled in semi-virgin territory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

5 c.

BLAINE 2

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Stan Cannan Lease Blaine Well No. 2

Location _____

Section 23 Twp. 28S Rge. 20E County Neosho State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 465.0

Bottom of Core - - - - - 474.0

Top of Sand - - - - - (Tested) 465.0

Bottom of Sand - - - - - 471.3

Total Feet of Permeable Sand - - - - - 6.4

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

7 - 11
26 - 37

1.8
4.6

1.8
6.4

Average Permeability Millidarcys - - - - - 26.0

Average Percent Porosity - - - - - 17.9

Average Percent Oil Saturation - - - - - 50.9

Average Percent Water Saturation - - - - - 29.1

Average Oil Content, Bbls./A. Ft. - - - - - 710.

Total Oil Content, Bbls./Acre - - - - - 4,548.

Average Percent Oil Recovery by Laboratory Flooding Tests - - - - -

Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft. - - - - -

Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre - - - - -

Total Calculated Oil Recovery, Bbls./Acre - - - - -

Packer Setting, Feet - - - - -

Viscosity, Centipoises @ - - - - -

A. P. I. Gravity, degrees @ 60 °F - - - - -

Elevation, Feet - - - - -

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Company Stan Cannan Lease Blaine Well No. 2

Depth Interval, Description
Feet

465.0 - 471.3 - Brown, laminated, slightly shaly sandstone.

471.3 - 472.6 - Light brown, sandy shale.

472.6 - 474.0 - Shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Stan Cannan Lease Blaine Well No. 2

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	465.1	19.0	48	25	73	709	35.	0.6	0.6	425	21.00	
2	466.1	17.3	51	32	83	685	7.2	1.0	1.6	685	7.20	
3	467.1	16.1	49	37	86	612	30.	1.0	2.6	612	30.00	
4	468.1	18.2	47	29	76	665	37.	1.0	3.6	665	37.00	
5	469.1	18.9	49	23	72	720	36.	1.0	4.6	720	36.00	
6	470.1	18.4	57	26	83	815	26.	1.0	5.6	815	26.00	
7	471.1	18.3	55	30	85	783	11.	0.8	6.4	<u>626</u>	8.80	
								Total	-----	4,548		