

20 21 21E ✓
Kline 6

OILFIELD RESEARCH LABORATORIES

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

March 28, 1966

W. M. Dary
Box 389
San Bernardino, California

Dear Sir:

Attached hereto are the results of tests run on the Cable-tool core taken from the Kline Lease, Well No. 6, Anderson County, Kansas, and submitted to our laboratory on March 26, 1966.

This core was sampled and the samples sealed in jars by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

2 c. - San Bernardino, California
3 c. - Garnett, Kansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company W. M. Dary Lease Kline Well No. 6

Location _____

Section 20 Twp. 21S Rge. 21E County Anderson State Kansas

Name of Sand - - - - - Squirrel

Top of Core - - - - - 596.8

Bottom of Core - - - - - 605.3

Top of Sand - - - (Tested) - - - 596.8

Bottom of Sand - - - - - 603.3

Total Feet of Permeable Sand - - - - - 6.5

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

1 - 3

1.5

1.5

3 - 7

5.0

6.5

Average Permeability Millidarcys - - - - - 3.7

Average Percent Porosity - - - - - 17.9

Average Percent Oil Saturation - - - - - 22.9

Average Percent Water Saturation - - - - - 64.9

Average Oil Content, Bbls./A. Ft. - - - - - 330.

Total Oil Content, Bbls./Acre - - - - - 2,818.

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 W. M. Dary Lease Kline Well No. 6

Depth Interval, Description
Feet

596.8 - 603.3 - Light brown, shaly sandstone.

603.3 - 605.3 - Grayish sandy shale.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

[illegible]

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Lease		Well No.	
W. M. Dary		Kline		6	
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
596.8 - 603.3	6.5	3.66	23.80		
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
596.8 - 603.3	6.5	18.9	28.1	411	2,672
603.3 - 605.3	2.0	15.1	6.0	73	146
596.8 - 605.3	8.5	17.9	22.9	330	2,818