

OILFIELD RESEARCH LABORATORIES

• REGISTERED ENGINEERS •

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March 15, 1962

Tomaleene Construction Company
P.O. Box 709
Jefferson, Texas

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core samples taken from the Testerman Lease, Well No. 4, Labette County, Kansas, and submitted to our laboratory on March 13, 1962.

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

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Carl L. Pate

CLP:rf

5 c. - Lyle Smith

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GENERAL INFORMATION & SUMMARY

Company Tomaleene Construction Co. Lease Testerman Well No. 4

Location _____

Section 14 Twp. 33S Rge. 17E County Labette State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 680.0

Bottom of Core - - - - - 695.0

Top of ^{Good}Sand - - - - - 681.0

Bottom of Sand - - - - (Received) - - - - - 695.0

Total Feet of Permeable Sand - - - - - 10.0

Total Feet of Floodable Sand - - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 20	2.0	2.0
20 - 75	3.0	5.0
75 - 100	2.0	7.0
100 & above	3.0	10.0

Average Permeability Millidarcys - - - - - 109.3

Average Percent Porosity - - - - - 21.0

Average Percent Oil Saturation - - - - - 25.9

Average Percent Water Saturation - - - - - 47.6

Average Oil Content, Bbls./A. Ft. - - - - - 422.

Total Oil Content, Bbls./Acre - - - - - 4,223.

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

Average Oil Recovery by Laboratory Flooding T lls./A. Ft. - - - - -

Total Oil Recovery by Laboratory Flooding Tes /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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LOG

Company Tomaleene Construction Co. Lease Testerman Well No. 4

Depth Interval, Description
Feet

680.0 - 681.0 - Light brown and gray, slightly shaley sandstone.

681.0 - 683.0 - Light brown sandstone.

683.0 - 686.0 - Core not received.

686.0 - 689.0 - Brown sandstone.

689.0 - 691.0 - Core not received.

691.0 - 692.0 - Brown sandstone.

692.0 - 693.0 - Brown and gray sandstone.

693.0 - 695.0 - Brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Tomaleene Construction Co. Lease Testerman Well No. 4

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	680.5	19.4	18	56	74	271	18.	1.0	1.0	271	18.00
2	681.5	22.4	26	49	75	452	74.	1.0	2.0	452	74.00
3	682.5	20.8	32	44	76	516	94.	1.0	3.0	516	94.00
4	686.5	21.3	21	47	68	347	73.	1.0	4.0	347	73.00
5	687.5	21.9	24	49	73	408	78.	1.0	5.0	408	78.00
6	688.5	21.9	26	48	74	442	63.	1.0	6.0	442	63.00
7	691.5	20.7	21	51	72	337	126.	1.0	7.0	337	126.00
8	692.5	20.4	27	52	79	427	19.	1.0	8.0	427	19.00
9	693.5	20.1	32	40	72	499	265.	1.0	9.0	499	265.00
10	694.5	21.1	32	40	72	524	283.	1.0	10.0	524	283.00
								Total		4,223	