



OILFIELD RESEARCH LABORATORIES

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

October 2, 1968

Mr. W. H. Pitts
413 Parkview
Jonesboro, Arkansas 72401

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core taken from the Sells Lease, Well No. 6, Bourbon County, Kansas, and submitted to our laboratory on September 28, 1968.

This core is from a virgin territory and was sampled and submitted to our laboratory by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:dp

6 c. - Jonesboro, Arkansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company W. H. Pitts Lease Sells Well No. 6

Location SW NE SE

Section 33 Twp. 23S Rge. 25E County Bourbon State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 214.0

Bottom of Core - - - - - 230.5

Oil
Top of Sand - - - - - 215.0

Bottom of Sand - - - - - 217.6

Total Feet of Permeable Sand - - - - - 2.6

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 10

0.6

0.6

10 & above

2.0

2.6

Average Permeability Millidarcys - - - - - 33.2

Average Percent Porosity - - - - - 18.0

Average Percent Oil Saturation - - - - - 27.6

Average Percent Water Saturation - - - - - 59.4

Average Oil Content, Bbls./A. Ft. - - - - - 409.

Total Oil Content, Bbls./Acre - - - - - 1,471.

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 - - - - -

-LOG-

Company W. H. Pitts Lease Sells Well No. 6

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
214.0 - 215.0	Light brown shaly sandstone.
215.0 - 217.6	Brown slightly shaly sandstone.
217.6 - 220.0	Gray sandy shale.
220.0 - 230.5	Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company W. H. Pitts Lease Sells Well No. 6

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	214.5	14.7	7	87	94	80	Imp.	1.0	1.0	80	0.00
2	215.5	21.2	36	42	78	592	22.	1.0	2.0	592	22.00
3	216.5	20.2	36	48	84	564	61.	1.0	3.0	564	61.00
4	217.5	14.8	34	59	93	391	5.4	0.6	3.6	235	3.24