

POST PETROLEUM CORPORATION

CORE ANALYSIS REPORT

KOCH LEASE

WELL NO. CT-2

ANDERSON COUNTY, KANSAS

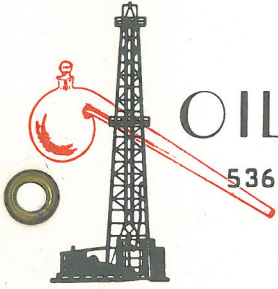
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KGS Wichita Office

OILFIELD RESEARCH LABORATORIES

536 N. HIGHLAND
CHANUTE, KANSAS

700 N. MISSION
OKMULGEE, OKLA.



OILFIELD RESEARCH LABORATORIES

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

700 NORTH MISSION - OKMULGEE, OKLAHOMA - PHONE SK6-4444

Chanute, Kansas

May 10, 1965

Post Petroleum Corporation
Box 526
Chanute, Kansas

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the North Colony Prospect 6510, Koch Lease, Well No. CT-2, Anderson County, Kansas, and submitted to our laboratory on May 7, 1965.

This core was sampled and the samples sealed in plastic bags by a representative of Oilfield Research Laboratories. The well was drilled in a virgin territory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

John L. Pate
John L. Pate

JLP:rf

3 c. - Chanute, Kansas
2 c. - Oklahoma City, Oklahoma

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Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

(North Colony Prospect 6510)

Company Post Petroleum Corporation Lease Koch Well No. CT-2

Location SE¹/₄, 1330' from SE Corner

Section 20 Twp. 22S Rge. 17E 19E County Anderson State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 834.0

Bottom of Core - - - - - 861.0

Top of Sand - - - - - 844.8

Bottom of Sand - - (Analyzed) - - - - - 849.5

Total Feet of Permeable Sand - - - - - 3.8

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 10	0.8	0.8
10 - 100	2.0	2.8
100 & above	1.0	3.8

Average Permeability Millidarcys - - - - - 97.1

Average Percent Porosity - - - - - 19.1

Average Percent Oil Saturation - - - - - 63.4

Average Percent Water Saturation - - - - - 15.5

Average Oil Content, Bbls./A. Ft. - - - - - 940.

Total Oil Content, Bbls./Acre - - - - - 3,569.

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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-LOG-

(North Colony Prospect 6510)

Company Post Petroleum Corporation Lease Koch Well No. CT-2Depth Interval, Description
Feet

834.0 - 838.0 - Sandy shale.
838.0 - 838.9 - Coal.
838.9 - 844.0 - Gray shale.
844.0 - 844.8 - Sandy shale.
844.8 - 845.6 - Brown calcareous sandstone.
845.6 - 846.5 - Gray sandy limestone.
846.5 - 849.5 - Dark brown sandstone.
849.5 - 853.0 - Laminated sandstone and shale.
853.0 - 861.0 - Gray calcareous shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Post Petroleum Corporation Lease (North Colony Prospect 6510) Koch Well No. CT-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	845.0	10.1	65	22	87	509	6.4	0.8	0.8	407	5.12	
2	846.8	20.7	59	19	78	947	47.	0.9	1.7	853	42.30	
3	848.0	21.9	66	12	78	1,122	47.	1.1	2.8	1,234	51.70	
4	849.0	22.0	63	11	74	1,075	270.	1.0	3.8	1,075	270.00	
								Total	-----	3,569		