

OILFIELD RESEARCH LABORATORIES

700 NORTH MISSION
OKMULGEE, OKLAHOMA
PHONE: 4444

- REGISTERED ENGINEERS -

Chanute, Kansas

536 N. HIGHLAND
CHANUTE, KANSAS
PHONE: HE 1-2650

July 19, 1962

W.H. Jones
3027 Oakland
Wichita, Kansas

Dear Sir:

Attached hereto are the results of tests run on the Cable Tool core taken from the Ashlock Lease, Well No. 1, Greenwood County, Kansas, and submitted to our laboratory on July 16, 1962.

This core was sampled and the samples sealed in cans by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

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Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company W. H. Jones Lease Ashlock Well No. 1

Location SW NE

Section 10 Twp. 25S Rge. 12E County Greenwood State Kansas

Name of Sand	Squirrel
Top of Core	1460.0
Bottom of Core	1472.7
Top of Sand (Reported)	1457.0
Bottom of Sand	1464.2
Total Feet of Permeable Sand	4.2
Total Feet of Floodable Sand	

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 10	1.6	1.6
10 - 20	2.6	4.2

Average Permeability Millidarcys	11.4
Average Percent Porosity	14.0
Average Percent Oil Saturation	21.5
Average Percent Water Saturation	57.3
Average Oil Content, Bbls./A. Ft.	230.
Total Oil Content, Bbls./Acre	966.
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.H. Jones Lease Ashlock Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
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1460.0 - 1464.2	- Grayish light brown sandstone.
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1464.2 - 1472.7	- Sandy shale.
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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company W.H. Jones Lease Ashlock Well No. 1

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	1460.1	15.0	19	56	75	220	19.	0.6	0.6	132	11.40
2	1461.1	14.2	21	57	78	231	13.	1.0	1.6	231	13.00
3	1462.1	14.3	15	58	73	166	13.	1.0	2.6	166	13.00
4	1463.1	14.0	23	58	81	250	9.2	1.0	3.6	250	9.20
5	1464.1	12.2	33	56	89	312	2.4	0.6	4.2	187	1.44