

MAY OR MAY NOT BE #1024021937 "B-3"

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

23 DEC, 1969

Company Jackson Brothers Lease Pixlee "B" Well No. 3

Location SW SW NW

Section 9 Twp. 22S Rge. 10E County Greenwood State Kansas

Name of Sand	- - - - -	Bartlesville
Top of Core	- - - - -	2302.0
Bottom of Core	- - - - -	2327.0
Top of Sand	- - - - - (Cored)	2302.0
Bottom of Sand	- - - - -	2315.9
Total Feet of Permeable Sand	- - - - - Formation	14.2
Total Feet of Floodable Sand	- - - - -	8.1

Distribution of Permeable Sand:	Feet	Cum. Ft.
Permeability Range		
Millidarcys		
0 - 5	5.6	5.6
5 - 10	3.1	8.7
10 - 25	3.3	12.0
25 & above	2.2	14.2

Average Permeability Millidarcys	- - - - -	11.3
Average Percent Porosity	- - - - -	16.8
Average Percent Oil Saturation	- - - - -	17.6
Average Percent Water Saturation	- - - - -	58.3
Average Oil Content, Bbls./A. Ft.	- - - - -	229
Total Oil Content, Bbls./Acre	- - - - -	3,179
Average Percent Oil Recovery by Laboratory Flooding Tests	- - - - -	1.6
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.	- - - - -	22
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre	- - - - -	132
Total Calculated Oil Recovery, Bbls./Acre	- - (Primary & Secondary)	1,773
Packer Setting, Feet	- - - - -	
Viscosity, Centipoises @	- - - - -	
A. P. I. Gravity, degrees @ 60 °F	- - - - -	
Elevation, Feet	- - - - -	1380 1385' K.B.

A fresh water mud was used as a circulating fluid in the coring of the sand in this well. This well was drilled in a virgin area. The core was sampled and sealed in tin cans by a representative of Oilfield Research Laboratories.

FORMATION CORED

The detailed log of the formation cored is as follows:

<u>Depth Interval, Feet</u>	<u>Description</u>
2302.0 - 2305.5	$3\frac{1}{2}'$ Grayish brown fine grained laminated shaly sandstone.
2305.5 - 2306.6	$1\frac{1}{10}'$ Grayish brown conglomeratic sandstone.
2306.6 - 2307.2	$\frac{6}{10}'$ Finely laminated sandstone and shale.
2307.2 - 2312.0	$4\frac{1}{10}''$ Grayish brown fine grained slightly shaly sandstone.
2312.0 - 2312.6	$\frac{1}{2}'$ Gray laminated sandy shale.
2312.6 - 2313.7	$1\frac{1}{10}'$ Grayish brown fine grained shaly sandstone.
2313.7 - 2315.9	$2\frac{2}{10}'$ Grayish brown medium grained slightly laminated carbonaceous sandstone.
2315.9 - 2318.4	Gray sandy conglomerate.
2318.4 - 2318.8	$\frac{4}{16}$ Black shale.
2318.8 - 2319.3	Coal.
2319.3 - 2320.0	Dark gray shale.
2320.0 - 2327.0	Black shale.

Coring was started at a depth of 2302.0 feet in grayish brown fine grained laminated shaly sandstone and completed at 2327.0 feet in black shale. This core shows a total of 12.7 feet of sandstone. For the most part, the pay is made up of grayish brown fine grained slightly laminated carbonaceous and shaly sandstone.