



OILFIELD RESEARCH LABORATORIES

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

March 12, 1966

Colorado Drilling Company
c/o Mr. Clyde G. Kissenger
2432 South Downing Street
Box 8878
Denver, Colorado

Gentlemen:

Attached hereto are the results of permeability tests run on the Rotary core taken from the Schumisch-Babcock Lease, Well No. W-12, Neosho County, Kansas and submitted to our laboratory on March 9, 1966.

This core was picked up 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:cm

5 c. - Chanute, Kansas

15-28-20E

SCHUMISCH-BABCOCK W-12

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Colorado Drilling Company Lease Schumisch-Babcock Well No. W-12

Location 3290' EWL & 660' NSL

Section 15 Twp. 28S Rge. 20E County Neosho State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 475.0

Bottom of Core - - - - - 484.0

Top of Sand - - - - - 475.0

Bottom of Sand - - - - - 483.0

Total Feet of Permeable Sand - - - - - 8.0

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 1	1.0	1.0
2 - 5	3.0	4.0
5 - 10	2.0	6.0
10 - 37	2.0	8.0

Average Permeability Millidarcys - - - - - 8.9

Average Percent Porosity - - - - -

Average Percent Oil Saturation - - - - -

Average Percent Water Saturation - - - - -

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

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

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-

Company Colorado Drilling Co. Lease Schumisch-Babcock Well No. W-12

Depth Interval, Description
Feet

475.0 - 476.0 - Light brown shaly sandstone.

476.0 - 482.0 - Brown laminated shaly sandstone.

482.0 - 483.0 - Dark carbonaceous shaly sandstone.

483.0 - 484.0 - Shale.

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RESULTS OF PERMEABILITY TESTS
TABLE I

Company Colorado Drilling Company Lease Schumisch-Babcock Well No. W-12

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.
			Ft.	Cum. Ft.	
1	475.5	0.23			
2	476.5	11.			
3	477.5	37.			
4	478.5	5.4			
5	479.5	8.1			
6	480.5	2.2			
7	481.5	4.9			
8	482.5	2.1			