

SAMPLE NO. 631.

Oil from a well at Flesherton, Grey county.

The oil was light yellow in colour, somewhat turbid and possessed no pronounced odour.

DISTILLATION TEST: Continuous method.

First drop at 150° C.

Temperature.	Per cent by volume.
150°—240° C.	58.5
240°—300° C.	35.2
Residue.....	6.0
Loss.....	0.3

Sample submitted by Dr. Sproule in October, 1915.

SAMPLE NO. 714.

Natural gas from a shallow well on lot 24, concession VIII, north of Plantagenet township, Prescott county.

<i>Analysis—</i>	
Methane.....	85.0%
Nitrogen.....	15.0%
Density.....	0.610
Calorific value, gross: 865 B. Th. U. per cubic foot, of moisture free gas at 60° F. and 30 inches mercury pressure.	

The gas is practically insoluble in alcohol, and is therefore a dry gas.

Sample submitted by E. D. Ingall, Geological Survey, Ottawa, in April, 1916.

SAMPLE NO. 1318.

Natural gas from a well near Vankleek Hill, Prescott county.

<i>Analysis—</i>	
Carbon dioxide.....	0.8%
Oxygen.....	0.4%
Methane.....	66.2%
Nitrogen.....	32.6%

Sample taken by private individual during April, 1918.