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GEOCHEMICAL INVESTIGATION OF A GAS SAMPLE FROM
WELL NOOKS FARM-1A, UNITED KINGDOM

by

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Investigation 95.4600

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1. Results and Conclusions

A geochemical investigation has been carried out on a gas sample from well Nooks Farm-1A, United Kingdom. The composition of the gas is as follows

(mol %):

C ₁	82.60
C ₂	3.49
C ₃	0.94
iC ₄	0.10
nC ₄	0.19
iC ₅	0.04
nC ₅	0.04
C ₆ ⁺	0.06
CO ₂	0.19
N ₂	12.40
H ₂ S	-
CO	-

This composition and the carbon isotope value of -45.0 ‰ indicate that the gas is a gas of thermal origin generated from a kerogenous source rock, rather than a bacterial gas or gas from a humic source.

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