

H. M. Dwight

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L. Johnson

Analysis of gas from test well at Lebanon, Oregon

A one gallon sample of gas from a test well at Lebanon, Oregon was submitted for analysis by Mr. V. C. Newton, Petroleum Engineer with the Oregon State Department of Geology.

The analysis of the sample as received was as follows:

Air	-	63.5%
Methane CH ₄	-	17.5
Ethane C ₂ H ₆	-	0.3
Propane C ₃ H ₈	-	0.1
Carbon Dioxide CO ₂	-	0.2
Nitrogen N ₂	-	18.4

If the air is excluded the analysis would be:

Methane CH ₄	-	48.0%
Ethane C ₂ H ₆	-	0.8
Propane C ₃ H ₈	-	0.3
Carbon Dioxide CO ₂	-	0.5
Nitrogen N ₂	-	50.4

The large percentage of air present as a contaminant in this sample increases considerably the possible error in quantity of the minor constituents.

It is recommended that to obtain an accurate analysis the well be re-sampled after taking all precautions possible to eliminate air contamination.


L. Johnson

J:f
cc: V. C. Newton (2)

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