

Date: April 24, 1979

OFFICE CORRESPONDENCE

To: H. J. Meyer

RLR 0075-79

From: W. T. Amies

Subject: Non-Routine Gas Analysis

Sample Source: Mobil well in Section 36, T24S, R5W, near Oakland, Oregon
 (sampled from 2,998 to 3,010 ft. depth)

Sample Type: Suspected Leak() Well Gas(XX) LPG() Other (Describe)()

Analytical Results

Gas	Formula	Volume Percent	
		As-Received	"Upgraded"
Methane	CH ₄	0.548	95.97
Ethane	C ₂ H ₆	0.016	2.80
Propane	C ₃ H ₈	0.003	0.53
i-Butane	C ₄ H ₁₀	0.004	0.70
n-Butane	C ₄ H ₁₀	-----	----
i-Pentane	C ₅ H ₁₂	-----	----
n-Pentane	C ₅ H ₁₂	-----	----
Hexanes	C ₆ H ₁₄	-----	----
Carbon Dioxide	CO ₂	0.302	----
Nitrogen	N ₂	99.127	----
Other	--	-----	----

Comments: The "upgraded" composition presumes all the inert gases are due to ambient air in the borehole, and includes only the combustible portion of the gas.

As-received BTU/cf = 5.9: "Upgraded" BTU/cf = 1,060.3

W. T. Amies
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WTA:jt

cc: D. L. Foley

W. F. Covert

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