

Date: November 2, 1978

OFFICE CORRESPONDENCE

RLR0136-78

To: W. F. Covert

From: W. T. Amies

Subject: Non-Routine Gas Analysis

Sample Source: Coast Oil Company Well #1 (NE ¼ of SE ¼ of Sec. 10, T28S, R13W Coos County) Well was drilled in 1930.

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

Sampled On: 10-23-78 By: V. Newton Run On: 10-31-78 By: W. T. Amies

## Analytical Results

<u>Gas</u>	<u>Formula</u>	<u>Sample #1</u>	<u>Sample #2</u>	<u>Mean</u>
Methane	CH <sub>4</sub>	24.36	8.22	16.29
Ethane	C <sub>2</sub> H <sub>6</sub>	0.05	0.01	0.03
Propane	C <sub>3</sub> H <sub>8</sub>	-----	----	
i-Butane	C <sub>4</sub> H <sub>10</sub>	-----	----	
n-Butane	C <sub>4</sub> H <sub>10</sub>	-----	----	
i-Pentane	C <sub>5</sub> H <sub>12</sub>	-----	----	
n-Pentane	C <sub>5</sub> H <sub>12</sub>	-----	----	
Hexanes	C <sub>6</sub> H <sub>14</sub>	-----	----	
Carbon Dioxide	CO <sub>2</sub>	0.21	0.16	0.19
Nitrogen	N <sub>2</sub>	75.38	91.61	83.49
Other	--	-----	----	-----
BTU/cf		247.9	83.5	165.7
Sp. Grav		0.868	0.934	0.901
Mol. Wt.		25.132	27.055	26.094

*W. J. Amies*  
W. T. Amies

WTA:jt

cc: D. L. Foley

Vern Newton - OSDGAMI