

A Mineral Analysis of Two Small Chips of 6299 - 6305 Foot Deep Core  
from the Standard Oil Company of California Nimiuk Point No. 1 Well

14 February 1977

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Geologic Materials Center Data Report 57



## AMERICAN STRATIGRAPHIC COMPANY

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ANCHORAGE, ALASKA 99503

• ANCHORAGE, ALASKA 99501

### MINERAL ANALYSIS

February 14, 1977

Mr. John Levenson  
Division of Oil & Gas  
State of Alaska  
3001 Porcupine Drive  
Anchorage, Alaska 99504

Dear John:

Re: Standard Oil Co. of California  
#1 Nimiuk

I took the liberty of having two small chips of core from the interval 6299-6305 analyzed by Chemical and Geological Laboratories of Alaska, Inc. These chips were a brown translucent mineral which is associated with the dark dolomites of this core.

Test results showed this mineral to be a zinc sulfide containing 56% zinc, 2.1% iron and 20%+ acid insoluble residue which resembled sulfur. Some reactions with HCL was noted and was probably from a dolomite portion although sample was not tested for calcium and magnesium.

It is my opinion from visual examination and laboratory test that this is an impure sphalerite.

Sincerely yours,

  
Ronald Brockway

RB/vg