An examination and interpretation of megafossil fragments and microfossils from cuttings of the Chevron U.S.A. Kavearak Point 32-25 well
INTRODUCTION

Composite 90' samples from 500-7,970' were analyzed.

RESULTS

Depth  
500'-1,760'

Age: Indeterminate.
Paleoenvironment: Possibly transitional, but not conclusive.
Remarks: This interval is barren of microfossils.

1,760'-2,210'

Age: Indeterminate.
Paleoenvironment: Transition to possibly inner neritic.
Remarks: Bathysiphon spp. is the only microfossil seen in this interval.

2,210'-4,190'

Age: Indeterminate.
Paleoenvironment: Probably transitional.
Remarks: This interval contains abundant peat and plant fragments. It is barren of microfossil.

4,190'-5,990'

Age: Late Cretaceous.
Paleoenvironment: Possibly inner to middle neritic.

It is of interest that the abundance of specimens and species diversity is greatly reduced in the interval 5,360'-5,990'. Coal fragments are observed in sample 5,360'-5,450' and pyrite in samples 5,720' to 5,990'.
Age: Campanian/Turonian.

Paleoenvironment: Probably bathyal.

Remarks: The faunal assemblage consists of radiolarians and rare to common Inoceramus prisms. The Inoceramus prisms are probably transported down slope.

Age: Indeterminate

Paleoenvironment: Indeterminate

Remarks: Abundant Inoceramus prisms are seen in this interval.

Age: Possibly late Early Cretaceous.

Paleoenvironment: Possibly inner neritic to bathyal.

Remarks: The faunal assemblage consists of Lithocampe spp. and abundant fish remains.

Age: Probably Aptian/Barremian.

Paleoenvironment: Possibly inner to middle neritic.


Age: Early Cretaceous.

Paleoenvironment: Marine, probably shelf.

Remarks: The faunal assemblage consists of Glomospira 3131, Haplophragmoides topagorumensis, H. spp., H. inflatigrandis, Vaginulina texilis, Globulina topagorumensis, Reoapha spp., and Trochammina sablei. This assemblage requires further study.

Age: Valanginian.

Paleoenvironment: Possibly inner to outer neritic.

Remarks: The faunal assemblage consists of Gaudryina milleri, Lenticulina muensteri, Saracenaria spp, Ammobaculites spp., and Haplophragmoides inflatigrandis.
7,640'-70'

**Age:** Possibly Late Jurassic.

**Paleoenvironment:** Marine.

**Remarks:** Time has not permitted a detailed analysis of the remainder of this well.

K. Lehen

Jan. 20/69