

State of Alaska
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
Manuscript Review Form

Report Title Subsurface relationships of Albian–Cenomanian shallow marine to nonmarine topsets of the Nanushuk Formation, northwestern NPRA, northern Alaska

Author(s) Paul L. Decker

Editor Paula Davis paula.davis@alaska.gov 907-451-5053

Recommendation

- | | | |
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| <input type="checkbox"/> Accept as submitted | Revisions needed for: | <input type="checkbox"/> Do not accept. Major revisions required. Return to author. |
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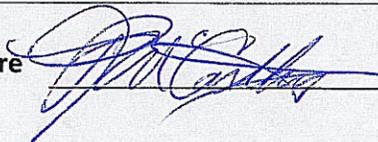
Reviewer's General Comments:

This paper is in excellent shape. I made a few very minor changes for clarity on the attached file using track changes.

- I wish to be acknowledged in the final product.
- I wish to remain anonymous in the final product

Name of Reviewer, Organization, Address

Reviewer Professor Paul McCarthy, Ph.D. UAF Department of Geosciences PO Box 757320, Fairbanks, AK 99775-7320	email/phone 907-474-6894 pjmccarthy@alaska.edu
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Reviewer Signature 

Date 12-16-15

State of Alaska
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
Manuscript Review Form

Report Title Lithofacies analysis of the Wainwright #1 continuous core, western Arctic Slope, Alaska:
 Transition from lower to upper delta plain environments in the Nanushuk Formation

Author(s) David L. LePain and Paul Decker

Editor Paula Davis paula.davis@alaska.gov 907-451-5053

Recommendation

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Return to author. |
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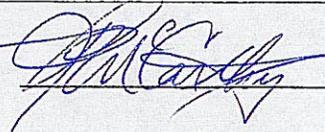
Reviewer's General Comments:

This is an interesting and well-written paper that should be published with only minor changes. I made some comments and changes in the text using track changes. The facies analysis is comprehensive and detailed and should be of use to anyone interested in regional sedimentology of the Nanushuk Fm. I made a large number of comments on the figure captions. I think the arrow types should be made consistent (i.e. some of the white arrows are different sizes and shapes in different figures), and the red "arrows" should be arrows – most are currently triangles. I also found it distracting that the sizes of small features in the text were given in inches and then the photos accompanying them have cm scales. I suspect the text is in inches since the core was measured in feet but could the small scale structures be documented in cm instead? Alternatively, can you doctor the photos so that I don't have to constantly switch scales? I know this is a relatively minor point but it was driving me mad as I read through this. Apart from minor points mentioned here and in the text, this is a really nice paper!

- I wish to be acknowledged in the final product.
 I wish to remain anonymous in the final product

Name of Reviewer, Organization, Address

Reviewer Professor Paul McCarthy, Ph.D. UAF Department of Geosciences PO Box 757320, Fairbanks, AK 99775-7320	email/phone 907-474-6894 pjmccarthy@alaska.edu
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Reviewer Signature  _____ **Date** 12-16-15

State of Alaska
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
Manuscript Review Form

Report Title Sedimentary petrology and reservoir quality of Lower Cretaceous Nanushuk sandstones, USGS Wainwright #1 test well, western North Slope, Alaska

Author(s) Kenneth P. Helmold

paula.davis@alaska.gov

Recommendation

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|---|---|---|
| <input type="checkbox"/> Accept as submitted | Revisions needed for: | <input type="checkbox"/> Do not accept. Major revisions required. Return to author. |
| <input checked="" type="checkbox"/> Accept with minor revisions | <input checked="" type="checkbox"/> manuscript | <input type="checkbox"/> Do not accept. Material not suitable for a Report of Investigations. Return to author. |
| <input type="checkbox"/> Accept with major revisions | <input type="checkbox"/> tables | |
| | <input checked="" type="checkbox"/> figures (<i>captions</i>) | |
| | <input type="checkbox"/> map(s) | |

Reviewer's General Comments:

This is a clear, well-written paper. I don't have any substantive comments to make and it should be published as pretty much as is. I have made a few minor comments in the text, primarily in the figure captions.

- I wish to be acknowledged in the final product.
 I wish to remain anonymous in the final product

Name of Reviewer, Organization, Address

Reviewer

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Reviewer Signature



Date

12-16-15