

Assessing the Technology Needs of Sub-economic Resources

***Phase I: Greater Green River
and Wind River Basins
-Fall 2002-***












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or scroll through to preview the cd contents.***

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Geologic Analyses

Greater Green River Basin

Type Log

Lines of Section **Reference Map**

• **Net Sandstone** **Isopach Maps**

-  Lewis 3
-  Lewis 4
-  Lewis 5
-  Lewis 6
-  Lewis 7
-  Lewis 8
-  Almond A
-  Almond B1
-  Almond B2
-  Almond B3
-  Almond B4
-  Almond C
-  Frontier 0
-  Frontier 1
-  Frontier 2A
-  Frontier 2B
-  Frontier 3,4
-  Frontier 5
-  Muddy
-  Dakota
-  Morrison



• **Net Sandstone Isolith Maps**

-  Lance UOA
-  Lewis UOA
-  Almond UOA
-  Ericson UOA
-  L. Mesaverde UOA
-  Frontier UOA
-  Dakota UOA

• **Stratigraphic Cross Sections**

-  N-S Lewis UOA: A-A'
-  W-E Lewis/Almond UOA: B-B'
-  W-E Lewis/Almond/Ericson UOAs: C-C'
-  N-S Lewis/Almond/Ericson UOAs: D-D'
-  W-E L. Mesaverde UOA: E-E'
-  N-S L. Mesaverde UOA: F-F'
-  N-S L. Mesaverde UOA: G-G'
-  N-S Frontier/Dakota UOA: H-H'
-  N-S Frontier/Dakota UOA: I-I'
-  N-S Frontier/Dakota UOA: J-J'
-  W-E Frontier/Dakota UOA: K-K'
-  W-E Frontier/Dakota UOA: L-L'















• **Structural Cross Sections**

-  W-E Lance UOA: M-M'
-  GGRB Basin Cross Section N-N'



Model Inputs and Analyses

Greater Green River Basin

-  **UOA Area Map**
-  **Federal Land Access Map**
- **Drilling Mid-Point Maps**
 -  Lance UOA
 -  Lewis UOA
 -  L. Mesaverde UOA
 -  Frontier/Dakota UOA
- **Pressure Maps**
 -  Lewis UOA
 -  Almond UOA
 -  Frontier UOA
- **Structural Complexity Maps**
 -  Lewis UOA
 -  Almond UOA
 -  Frontier UOA
- **Model Inputs**
 -  Tabular Data by Depth
 -  Histograms



Geologic Analyses

Wind River Basin

- **Type Log**
- **Lines of Section**
- **Reference Map**
- **Stratigraphic Cross Sections**
 - E-W U. Cretaceous UOA: A-A'
 - N-S U. Cretaceous UOA: B-B'
 - N-S U. Cretaceous UOA: C-C'
 - W-E Frontier-Muddy: D-D'
 - N-S Frontier to Tensleep: E-E'
- **Structural Cross Sections**
 - WRB Basin Cross Section F-F'
- **Net Sandstone Isopach Maps**
 - Frontier 1,2
 - Frontier 3
 - Frontier 4
 - Frontier 5
 - Muddy
 - Lakota-Morrison
- **Net Sandstone Isolith Maps**
 - Lower Fort Union UOA
 - Lance UOA
 - Meeteetsee-Mesaverde UOA
 - Frontier UOA
 - Muddy UOA
 - Nugget UOA
 - Tensleep





Model Inputs and Analyses


Wind River Basin

UOA Area Map

- **Drilling Mid-Point Maps**


-  Fort Union UOA


-  Lance UOA


-  Meeteetsee-Mesaverde UOA


-  Frontier UOA

- **Pressure Maps**


-  Fort Union UOA


-  Lance UOA


-  Meeteetsee-Mesaverde UOA


-  Frontier UOA

- **Structural Complexity Maps**

-  Fort Union UOA


-  Lance UOA

-  Meeteetsee-Mesaverde UOA

-  Frontier UOA

- **Model Inputs**

-  Tabular Data by Depth

-  Histograms

