

Released as part of Appendix 6 in
AER/AGS Open File Report 2017-08

Logged by F. J. Hein for CSPG poster display
with D. K. Cotterill; original not available;
scanned from marked copy used for mockup
of poster image.

Well Name: PCI DAPHNE 1-84 OV 5-1-96-11

Ground: 655.4 m; KB: 658.8 m

Core Starts Depth 3.5 m

No logs in LogSleuth.

Well license: 0106322

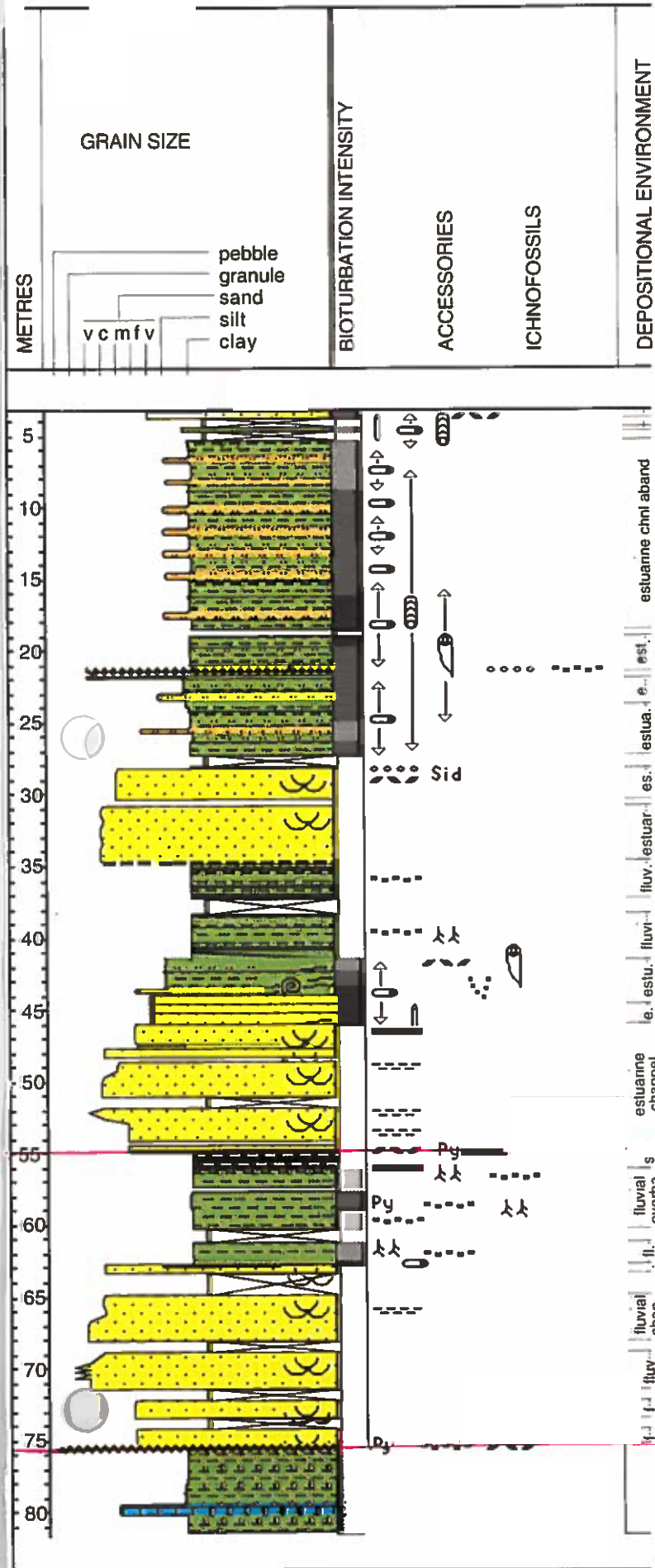
Picks: Top McMurray Chnl Sequence (E10)=
3.5 m; Top Lower McMurray Fluvial/
Continental succession (E05) = 54.7 m; Top
pre-McMurray clastics, marl and/or karast
unit = 59.6 m; sub-Cretaceous unconformity/
Top Paleozoic (Pz) = 75.8 m

Depth 54.7 m

pre-McMurray, based on
palynology = 59.6 m
core sample

Weathered Devonian
and pre-McMurray marl
at 75.8 m

Less altered Devonian at
81.5 m



AppleCore colour legend

LITHOLOGY

	SAND/SANDSTONE		SHALEMUDSTONE		organic shale		LIMESTONE
	silty sand		silty shale		coal		Calcareous shale
	shaly sand		sandy shale		breccia		Lost Core
	sandy silt		clay/claystone				

CONTACTS

	Sharp		Erosional
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PHYSICAL STRUCTURES

	Current Ripples		Trough Cross-strat.		Oscillatory Ripples		Planar Tabular Bedding
	High Angle Tabular Bedding		Low Angle Tabular Bedding		Wavy Parallel Bedding		Synaeresis Cracks

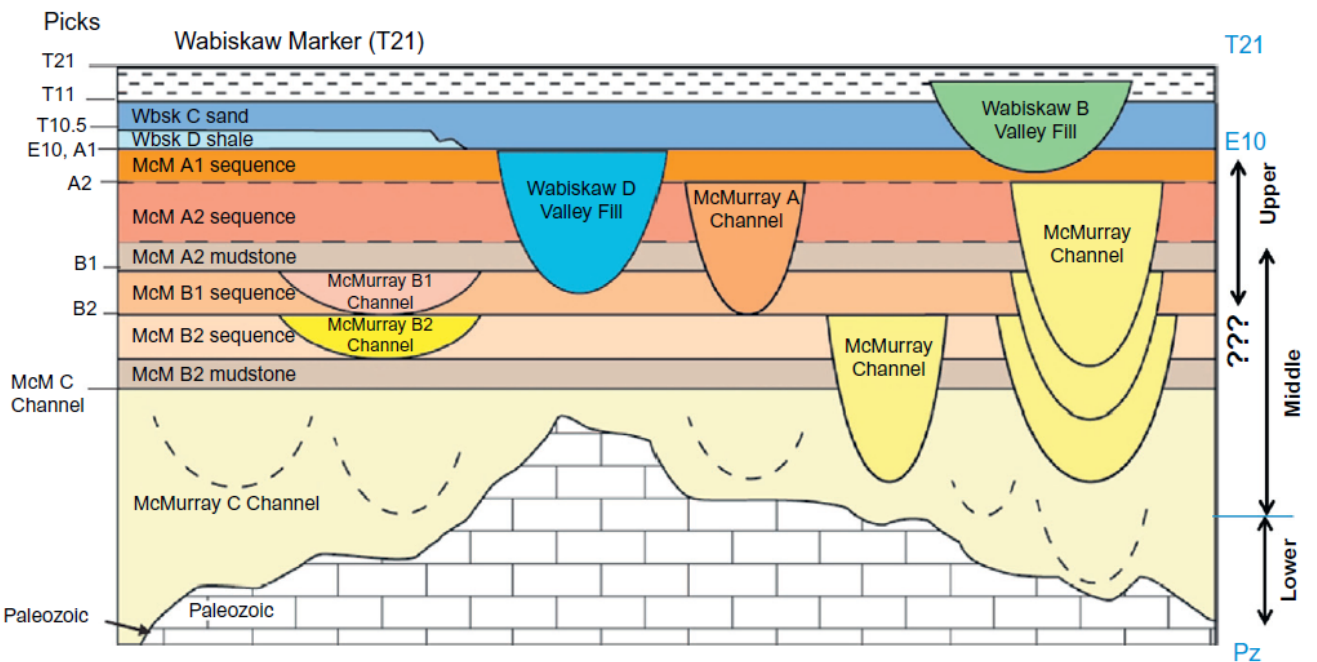
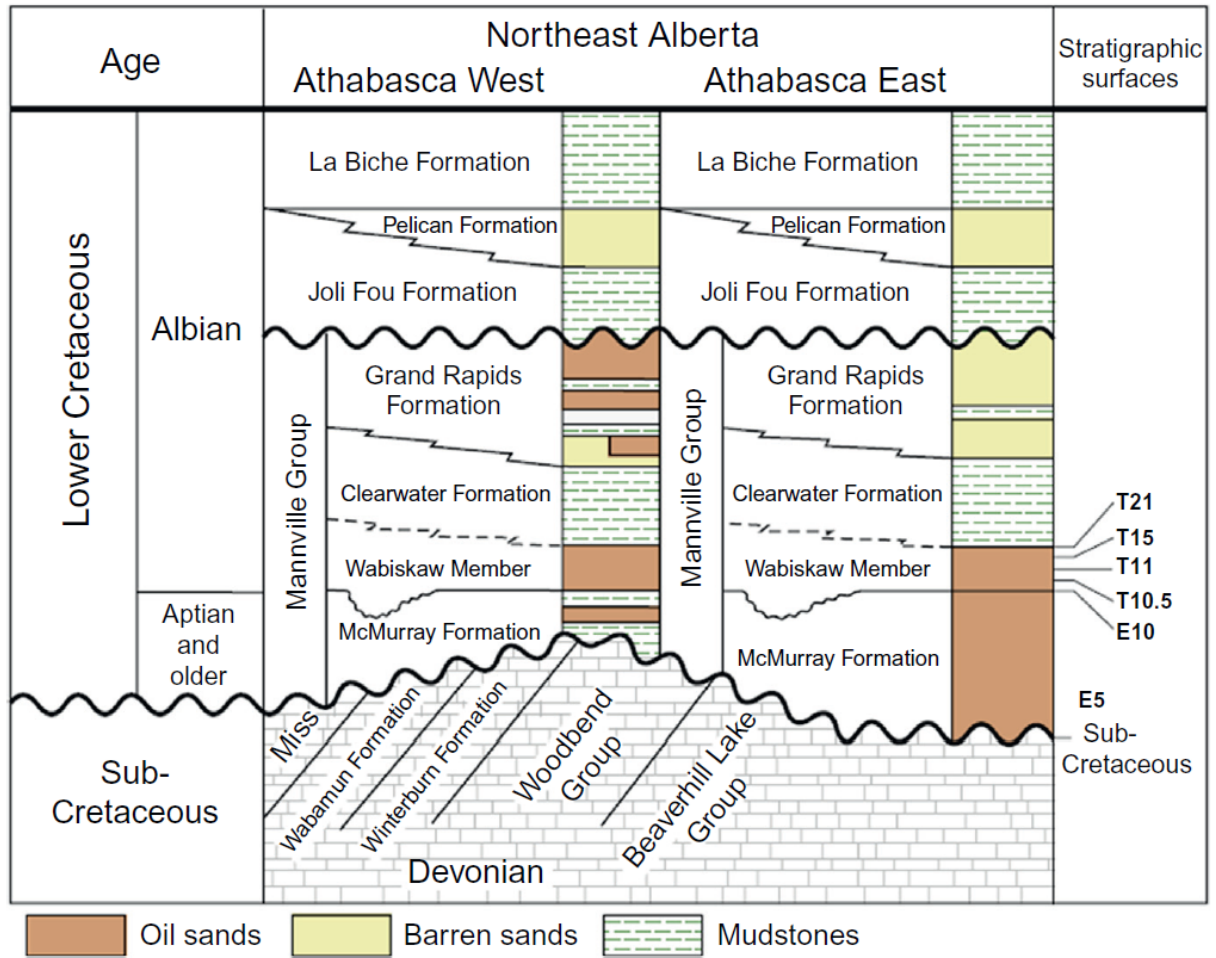
LITHOLOGIC ACCESSORIES

	Silt Lamina		Shale Lamina		Pebbles/Granules		Glauconitic
	Feldspathic		Lithic		Rip Up Clasts		Coal Fragments
	Wood Fragments		Salt & Pepper				

ICHTNOFOSSILS

	Rootlets		Skolithos		Planolites		Gyrolithes
	Diplocraterion		Arenicolites		Escape Trace		Cylindrichnus
	Bergaueria		Asterosoma		Thalassinoides		Chondrites
	Teichichnus		Anconichnus				

Stratigraphic Nomenclature for Picks



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Definition of stratigraphic markers ('picks') with quality codes
(modified from Wynne et al., 1994 and Hein et al., 2000).*

Pick	Type of Surface	Description	Quality Code**
T21	Transgressive	Wabiskaw Marker Top Wabiskaw Mbr. 'A'	Good - Very Good
T15	Transgressive	Top Wabiskaw Mbr. 'B'	Good - Very Good
E14	Major Erosion	Wabiskaw Internal Incision	Good - Very Good
T11	Transgressive	Base First Regional Marine Shale in the Clearwater Fm. Top Wabiskaw Mbr. 'C'	Very Good-Excellent
T10.5	Transgressive	Top Wabiskaw Mbr. 'D' Incised Valley-Fill Deposit	Excellent-Very Good
E10	Disconformity/ Unconformity	Top Upper McMurray Fm Major Erosion Surface	Excellent -Very Good
E5	Disconformity/ Unconformity	Top Lower McMurray Fm. Major Erosion Surface	Variable Very Poor -Fair
Sub-Cret. (Pal.)	Unconformity	Base of McMurray Fm Major Erosion Surface	Variable Very Good-Excellent (However this is sometimes difficult to pick in areas of significant clastic karst-infill, or where marl is above the sub- Cretaceous unconformity)

* Abbreviations: Group, Grp.; Formation, Fm.; Member, Mbr.

** Quality Codes are relative: Excellent to Very Good, can be picked on all wire-line logs and seismic; Poor to Very Poor, need to be confirmed by outcrops or core, difficult to pick on wire-line logs, somewhat easier to pick on seismic.

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