Amoco Production Company

Surface Log

Zachary Bay Section

Port Wells State Alaska

Zachary Bay Sec. 5 TWM 56S Rng. 74W

White Bluff

Brown

Unga Conglomerates

L. Smirnov

June 77

This section exactly at the place Buss's section 16 at the Zachary Bay's west beach. Separation of this section based on strong lithological change Unga Congl to the south (see North Unga 9 section).

L. Smirnov

June 27/77

Top of the section placed at the top of the White Bluff, just below remarkable terrace (Unit 4 North Unga 9 section), which is a correlative horizon for North Unga Island.

0' 5'-yellow-ton, poorly sorted, f.m. To cong. ss, arro

12' 6'-cross-bedding sets up to 4' thick. Trend 560

76' 36'-interbedded ss as above; buff, tan to brown; cong. up to 2' thick. Trend N 50 E

183' 34'-interbedded silstones, gray, microfossils, weathered to small pieces. Cong. up to 2' thick. Trend 565 W.

235' 9'-interbedded: ss, conglomeratic ss and small pebbles conglomerate as above. Cross-bed sets up to 10' thick.

355' 9'-At the base of Unit calcareous ss conglomerate up to 2' thick. Lignitic zone 10' thick.

385' 36'-interbedded: silstones, claystones and m-tss as above. Cross-bed sets up to 3' thick. Trend N 50 E. Clayey zone 2' thick.

550' 156'-interbedded: silstones and claystones, very carbonaceous. Lignitic zone 156' thick, 3' thick. Trend S 20 E and N 50 E. Lignitic zone.

End of the section placed on the beach.

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