

Amoco Production Company

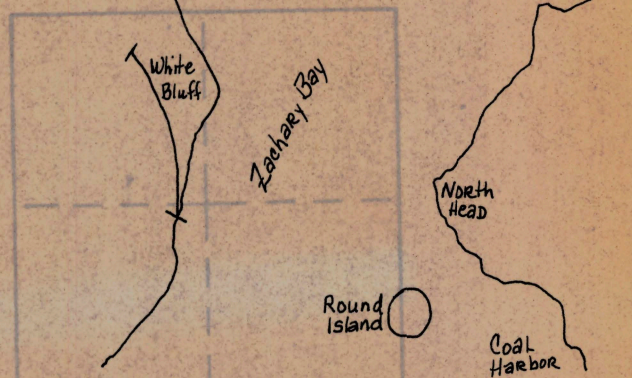
Surface Log

Name Zachary Bay Section
 AREA OR QUAD Port Moller STATE Alaska
 LOCATION Zachary Bay Sec. 5 TWR 56S RNS 74W
 MEASURED BY L. Smiznov, C. Pierce DATE June 77
G. Brown

INTERVAL Unga Conglomerates
 REMARKS This section exactly at the
place Burk's section 16^a
at the Zachary Bay's west
beach. Separation of this section based on strong
lithological change Unga Congl. to the south
(see North Unga I. section).

LOCATION

PLOTTED BY L. Smiznov DATE June 27/77



PERIODS	EPOCHS	GROUP or FM.	MEMBER	AGES (Stages)	main paleocurrent trend	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
								0'	Unit 1			Ss-yellow-tan, poorly sorted, f-m-g, grades laterally to congl. ss, arkosic
								12'	Unit 2		AP 3039 PP	Ss as above
									Unit 3-4			Cross-bedding sets up to 4' thick. Trend S60W
									Unit 5			conglomerate and congl. ss. Matrix-ss as above. Cross-bedding sets up to 6' thick. Trend N50E
								76'	Unit 6		AP 3040 PP	Interbedded: ss as above; tuff, tan to brown; conglomeratic ss with pumice clasts and andesitic clasts
								123'	Unit 7		AP 3041 PF	Siltstone, gray, micaceous, weather to small blocky fractures
								138'	Unit 8		AP 3042 PF	Interbedded siltstones and ss as above. Cross-bed. sets up to 1' thick. Trend N70W.
									Unit 9			Interbedded: ss, conglomeratic ss and small pebble conglomerate as above. Cross-bed. sets up to 10" thick. Trend S65W.
									Unit 10			Conglomerate, clasts up to 2', mostly andesitic, matrix-ss as above
								253'	Unit 11		AP 3043 PF	Interbedded: siltstones, claystones and m-fg ss as above. Cross-bed. sets up to 1' thick. Trend N70E. At the base of Unit calcareous ss concretions up to 2' thick. Lignitic zone 10' thick.
								320'	Unit 12		AP 3044 PF	Ss as above with big concretions up to 3' thick. Cross-bedding sets in upper part of the unit up to 3' thick. Trend S20E and N80E. Thin lignitic layer.
								395'	Unit 13		AP 3045 PF	Interbedded: siltstones and claystones, very carbonaceous
								435'	Unit 14		AP 3046 PF	Ss, gray, m-f-g, volcanic clasts; ss, white, m-f-g, tuffaceous.
								450'				
								500'				

End of the section placed on the beach.

andesitic