0040

CF75 1101

Amoco Production Company

(52) (53)

Surface Log

Name CHITINA RIVER - EAST TARAL LAKE

AREA OR QUAD Valdez (B-2) (C-1) **STATE** ALASKA

LOCATION SENE, E/2 E/2 SE Sec. 20 4S. 6E CRM. / E/2 SE/4 Sec. 25 TWN 4S RNG 5E CRM.

MEASURED BY D. Powell Composited USGS **DATE** 2-6-75

INTERVAL Lower Cretaceous Nelchina formation

REMARKS Composited and plotted at 1" = 100 Sections C & D of Grantz, etal (1966) U.S.G.S. pp. 350C p. 41 Section C is after Maffit (1914) U.S.G.S. Bull. 576, p. 25-27

LOCATION _____ N _____ W

17	16	15	14	13
20	21	22	23	24
29	28	27	26	25
32	33	34	35	36

Periods (Systems)	Epochs (Series)	Group or formation	Member	Cores Stages	Fossils	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
CRETACEOUS	LOWER CRETACEOUS	NELCHINA FORMATION	HAUTERIVIAN		Simbirskites N. sp.			100				300' Calc. cgl. & s.s. that contain abund. Inoc. Prisms & has s/interbeds of siltstone & of graywacke cgl. & s.s. The Cgl. is dominated by clasts scattered volc. Rx, Ls, Dck chert & argillite & s/granite Rx & rarely quartz.
					Inoceramus N. sp.			400				800. Sltstn. dark, fairly hd, fossilif.; glauconitic; contains layers of thick Inoc. shells & thin interbeds of calc. ss. & coarse siltstone crowded w/ Inoc. prisms.
					Belemnite			500				simbirskites n. sp.
								600				Inoceramus, n. sp.
								700				Belemnite
								800				
								900				
								1000				
								1100				300' "Tuffaceous beds" siltstones, fossil. Composed of drk. f.g. ss.-like rocks; sli. calc. & showing numerous small flakes of mica on the cleavage surfaces" Maffit (1914) U.S.G.S. Bull. 576 called beds tuffaceous slate and tuff. sh. for upper unit; see section D.
								1200				
								1300				
								1400				
								1500				500 Cgl. rd'd pebbles & cobbles of argillite, diorite, grnst, and qtz. set in tuffaceous, matrix; massive.
								1600				
								1700				
								1800				
PERMO - PENNSYLVANIAN		SKOLAI GROUP (STRELNA FM.)						1900				Formerly called Jurassic (Tuxedni Age); now Lower Cretaceous - Kelchina Equiv.
												< UNCONF.
								2000				"Strelna Fm." Mississippian & Carboniferous (?); now Permo-Penn (?) Skolai Group.
								2100				
								2200				
								2300				
								2400				
								100				