0040

CF75 U101

Amoco Production Company

Surface Log

△ Indicates sample cut for Source Rock Analysis

(50)

Name CHOKOSNA River SECTION.

AREA OR QUAD McCarthy (C-7) STATE Alaska

LOCATION SE, NE, NE SE, SW SE Sec. 34 Twn. 3 S. RNG 10E, CRM. NW, NW NE & thru CE2/W/2 Sec. 3 TWN 4S RNG 10E CRM.

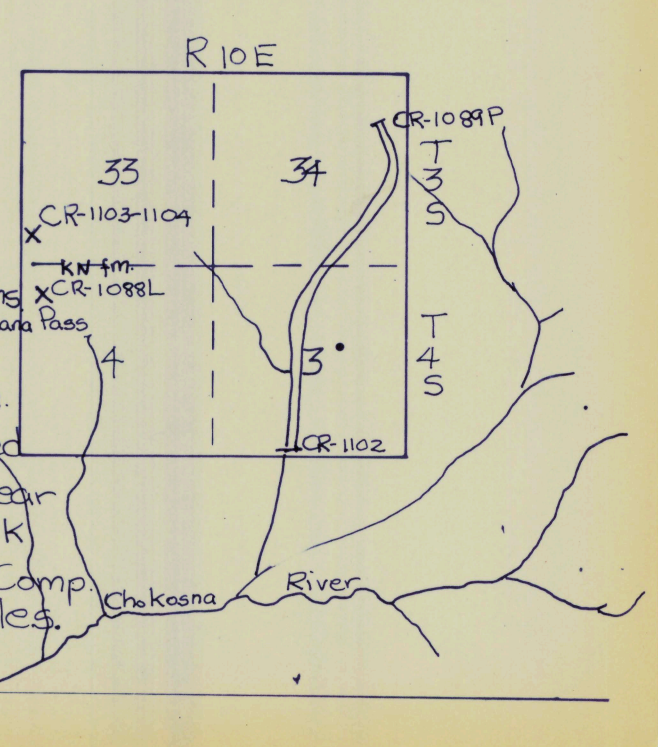
MEASURED BY D. Powell, G. Streeton, D. Loney DATE 8-24-74

INTERVAL U. & L. K. - Chititu - Schulze, Kennicott & Nelchina fms

REMARKS Windy & cold (32°F) Measured and Spled U & L. Cret. Rocks downsection along North Trib. of Chokosna River. These rocks mapped as L. Cret. "Nelchina fm" by U.S.G.S. They appear to be upper Cret. Chititu fm. & v/? Albian-KK

LOCATION _____ N _____ W Kuskulana Pass. Comp. will include Grab sples. CR-1088L, CR-1103-1104

Plotted Patty A.



Periods (Systems)	Epochs or (Series)	Group or Formation	member	Ages (Stages)	Fossil.	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
TERTIARY	MIOCENE	FREDERIKA FM.										Basaltic lava black, coal, blck & silty carb. sh. siltstone ~~blck, sli calc, carb. firm poor exposed & wxd shale~~ slope, poorly exposed prob. silty'aa
								100			CR1090P	Cgl. gy to grn, pebble-cobble rd,-subrd w/a matrix s/ blck siltstone near base, cgl wxs smooth slopes. Must be sh, intrbd, or v. shly, soft matrix. Unable to sple due to deep soil cover.
											CR1091P	Silstone, gy, dense v. sli calc. much of interval has purplish to reddish color. May be concretionary but v/ poor exp. appears to have cgl interbds as ab and below indicates ang unconf.
								200			CR1092P	Sh, drk gy, Firm-non calc. silty to silstone.
CRETACEOUS	UPPER CRETACEOUS	CHITITU FM.						300			CR1093P	Sh, dark gy, hd, & shly siltstone at 350' fracs in bed are deep. & all frags. cvd w soil fresh breaks appeared unwxd.
								400			CR1094P △	Shale dark gray, black head.
				CENOMANIAN				500			CR1095P	
								600			CR1096P	
								700			CR1097P	Sh, aa Non calc. few calc. concretions.
								800			CR1098P	Conc. zones inc. at 850' w/ s'elong & disont. conc. beds w/a few cannon ball type.
								900			CR1099P	SS 1' thick silty calc. H&T at 880' strike N 28° w, Dip 3 NE. Numerous bedded concs. to calc. sltstn. zones
								1000			CR1100P △	
CRETACEOUS	LOWER CRETACEOUS	KENNICOTT FM.?		ALBIAN				1100			CR1101P	Sh, blck, w/ calc. concs, aa
								1200				Dip steepened to strike N60°w, dip 20° sw. Traversed up section to lith log similar to starting point consistin of grey silic. sh. to silstn. wich weathers yello-bro. thin-bd (few inches to 1'w) occ'l large conc. bds. Looks like schutze fm. type beds. CR-1102 sple should be about 100' above Cret. sec starting point.
								1300				
								1400				
								1500				