CF75 0040

(16)

Amoco Production Company

Surface Log

Name LOWER FLAT CREEK

AREA OR QUAD TALKEETNA MTNS (A-1) STATE ALASKA

LOCATION SE NE NW Sec. 18 TWN 23N RNG 12E, SM

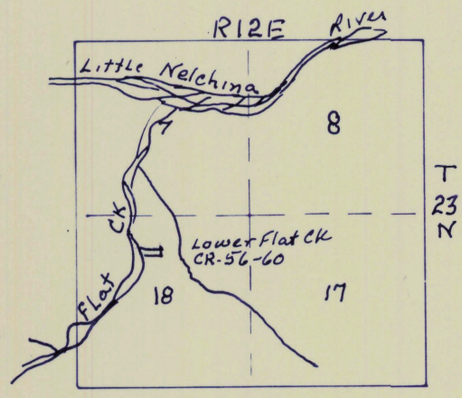
MEASURED BY D. Powell, D. Loney & G. Streeton DATE 7-21-74

INTERVAL Upper Jurassic - Naknek Fm.

REMARKS Measured & spled down section. Believe this unit to be finer clastic facies of the Upper Naknek Cgl.

LOCATION _____ N _____ W

PLOTTED 3-5-75 JDP



PERIODS (SYSTEMS)	EPOCHS (SERIES)	GROUP OR FORMATION	MEMBER	AGES (STAGES)	FOSSILS	CORES SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
JURASSIC	UPPER JURASSIC	NAKNEK FORMATION		KIMMERIDGIAN	Loc. 7776 Buchia rugosa indet. belemnite (Prob. Cylindroteuthis Eocallista		0 25' 10-15' 100			CR-56P CR-57P CR-59F CR-58P CR-60L 11.3% ϕ .85 MDs	Sh, gy, slty w/limy Concs. SS, gy, f-mg s/Loose pebbles & rare pebble Lenses, Fri, F. poro, Tr Carb Matl abunt Scour & Fill w/large sh clast in SS, abund foss. to Coquinas-Pelecypods, Belem, Ammon cast, mollusk ? & Fr. bone. SS bec slty & sdy sh to marly & are not present in OTC 100 yds So. Sh, aa w/10-15' sd Lens at base. SS, gy, wxs bro, VF-Fg, sli Calc w/ fair poro & p-f perm.

Interpret'd as shallow marine - intutidal deposits as evidenced by abund marine life, Lentic sd body w/coquinas, scour and fill features. SS appears to be shoaling deposits (banks or bars) or poss. tidal currents (channels?). Believe deposits are the "farther" off-shore finer clastics equivs of facies of the up. Naknek Cgls & sds noted at the No. Little Nelchina River section.