Amoco Production Company

Surface Log

Name NORTH SCHWATKA MT. SECTION

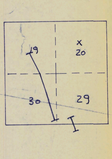
COUNTY Livengood Area STATE Alaska

LOCATION °N °W Sec 19 & 30N 13N RNG 3E

MEASURED BY Taylor, DeKeyser, Furer DATE 8/4/72

INTERVAL Ord (?) - Tolovana

REMARKS



Covered in valley at end of spur

	NS8428FC (float)	ls, med-gry, one piece of ls has intermingled siltstn, ab.
	NS8427L	siltstn, brn, wea. rusty red; sandy, cut by qtz veins, float contains med-dk gry ls., & some dk. cht.
Mid Dev or Frasn	NS9104	ls, stromat. bndstn, w/ crinoids
		ls, stromatop, bndstn
Mid Dev or Frasn	NS9103	ls, stromat bndstn w/tetra corals & favositid colonial corals.
		ls, stromatop, bndstn (bindstn)
Eif or Giv	NS 9102	ls, stromat. bndstn. w/Thamnopora, massive abnd. colonial and tetra corals. (bafflestn)
		ls, amphipora, bndstn.
Eif or Giv. Giv (?)	NS9101	ls, stromat. bndstn w/Favositid corals
	NS9100	ls, amphipora bndstn., tetra corals, fair-good poro., skalmoldic
Eifel	NS 9099	ls, wackstn, lgt gry, crinoidal, "2 holers" sh, purple, wea red, siltstn, w/shear surfaces & slickensides, azurite & malachite in qtz veins in fault zone
	NS 9098	ls, ab w/ crinoids (calcilutite)
Mid Dev	NS 9097L	ls, ab w/Thamnopora, tetra corals (bafflestn)
Indet	NS 9096	ls, ab. w/crinoids. (calcilutite)
Dev	NS9095L	ls, med-dk gry, stromatop bndstn w/ amphipora (framestn)
	NS9094L	rhyolite, lgt. green
Dev	NS9093L	ls, ab w/poss. brachiopods (bindstn)
Dms(pond)	NS9092L	ls, ab w/crinoids, prob. Thamnopora (framestn)
Eifel	NS9091L	ls, ab, w/crinoids, Favositid corals (crinoid calcilutite)
Mid Dev	NS9090L	ls, ab. w/ [illegible] tetra corals, gastropod, colonial corals
	NS9089FL	ls, dk. gry., massive, stromatop. bndstn., w/scott tetracorals & amphipora Crinoid, Alveolites (?)
Eifel	NS9073L	ls, dk. gry, wf-xyall, massive stromatop bndstn w/corals, Thamnopora (framestn) (crinoids, tetra & colon
Mid Dev	NS9074	ls dk gry stromatop (bafflestn) (corals(8" heads) pisolites
	NS9075	ls, dk. gry stromatop bndstn w/amphipora, micrite interbeds (bindstn)
Eifel	NS9076	ls, med gry, v.f. xyall, tetracorals, Thamnopora, Favositid corals
Mid Dev	NS9077	ls, dk. gry, v.f. xyall (framestn)
		ls, lgt gry, cr-xyall, sheared
		ls, dk. gry, stromatop and stromat. bndstn.
Mid Dev	NS9078	ls, dk. gry, amphipora & stromatop bndstn. (bafflestn)
Eifel	NS9079, 9080	ls, stromatop, bndstn, tetracorals, (bindstn)
Dms or Eifel	NS9081	ls stromatop, bndstn. w/colonial corals in growth positions (oriented sample) Bedding Dip 160° @ 75-Coral orientation shows beds to be overturned
		ls., med gry, stromatop bndstn.
Dev	NS9082 (float)	ls., lgt. gry, stromatop, bndstn. (framestn)
		Section offset ¼ mile to the east
Dev	NS9083	ls, stromatop bndstn (framestn)
	NS 9084FL	sh, dk gry, platy to fissile, phyllitic, looks basinal
		exposed in saddle on back slope of high ridge
Eifel	NS9085L	ls, blk., argill, thin lamin, very shaly. crinoids sh, ab. poorly exposed
	NS9086FL	sh., blk.
	NS9087L	Hornfels, siltstn., green, prob. baked by Vol. intrusive or flows.
		Hornfels, aa.
	NS9088L	Andesite, green, v.f. xyall w/plogioclase phenocrysts (134 my - Earliest Cret)
		Top of Hill South of Saddle on the back slope