CF75 0040 R101

(40)

# Amoco Production Company

## Surface Log

Name CHETASLINA RIVER

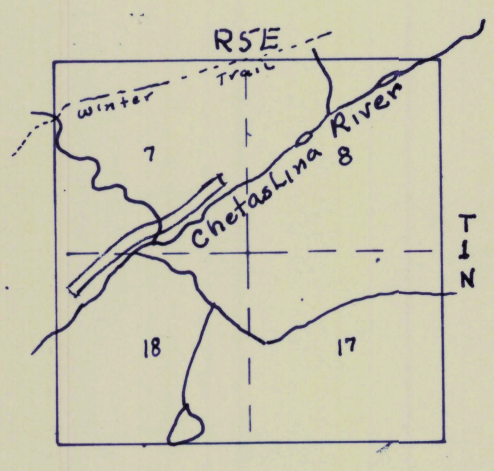
AREA OR QUAD VALDEZ (D-2) STATE ALASKA

LOCATION SE, SESW SEC7, N/2NW Sec. 18 TWN 1N RNG 5E, CRM

MEASURED BY D. Powell, D. Loney & G. Streeton DATE 8-13-74

INTERVAL Lower Cretaceous Nelchina Fm.

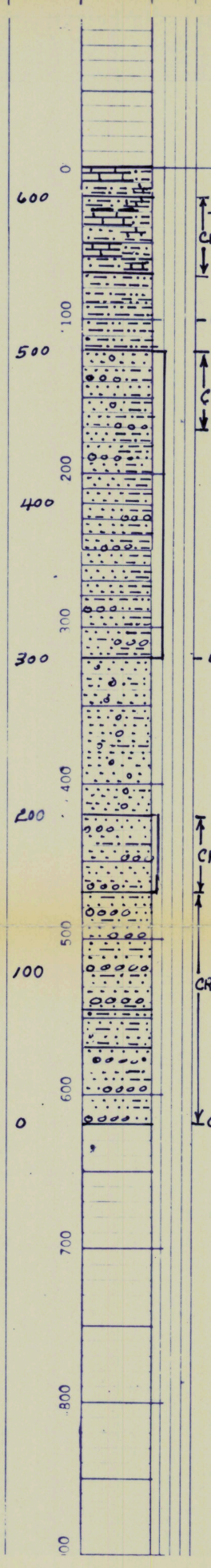
REMARKS Measured & Spled up section (downstream). Base & Top CVD. Difficult to work because of swollen glacial stream in steep walled canyon with few landing spots.




LOCATION _____ N _____ W

PLOTTED JDP DATE 3-16-75

| PERIODS (SYSTEMS) | EPOCHS (SERIES) | GROUP OR FORMATION | MEMBER | AGES (STAGES) | FOSSILS | CORES | SHOWS | DEPTH | LITHOLOGY | POROSITY | SAMPLES | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CRETACEOUS | LOWER CRETACEOUS | NELCHINA FORMATION | | NEOCOMIAN | | | | | | | | |




CVD

Ls, gy, slty, hd to limy sltst. Many calc veins & ? Inoc. prisms. Poss. Abund crushed shells (Pelecypods).

Sltst, grn-gy, shly, limy to slty Ls, s/r shly stringers wx'd in pt to muddy soil. Many calc veins in fracs, s/carb & slickensides mat'ls. Large coaly zone (carbonized tree trunk) at 30'.

Sltst, grey, sdy, clayey and w/ oxidized bro-red slty zs

SS, gy-grn, fg & sltst-ss zones, w/ pebble-cobble cgl., non calc, matrix is slty sh to shly sltst-ss, sli calc, hard w/ pebbles. poor porosity

SS, gy-grn, fg, s/pebbles non-calc, hd & tight. w/ occ'l pieces of carb. mat'l (one large ?/branch), s/slty zones

SS, grn, fg s/cg to pebble cgl'ic zone w/ occ'l cobble, wxs bro (Fe stn), s/shly sltst lenses thru unit. sampled for paly. Tite to poor poro.

SS & sltst, grn, wxs bro, vf-fg bec. cgl'ic, pebble-cobbles, matrix slty & sdy, non calc, H&T. Paly spl'd from sltst & cgl matrix

Sltst-ss, grn wxs bro, contains clay clasts (1/4-1/2" size) spled carb. wood, carb sltst & ss. Abund plant frags woody stems & or branches imprints

Cgl'ic ss, green, f-mg w/ pebble-cobbles throughout, H&T, Traces of carb frags & fossil wood. matrix is shly sltst-ss. Beds strike N.70°W & dip 24° SW (ave of several readings)

CVD