Amoco Production Company

Surface Log

Name CABIN SECTION

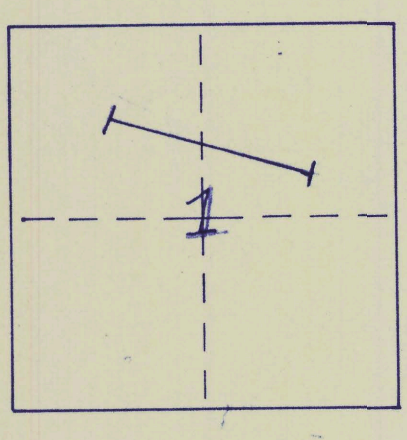
COUNTY _____ **STATE** ALASKA

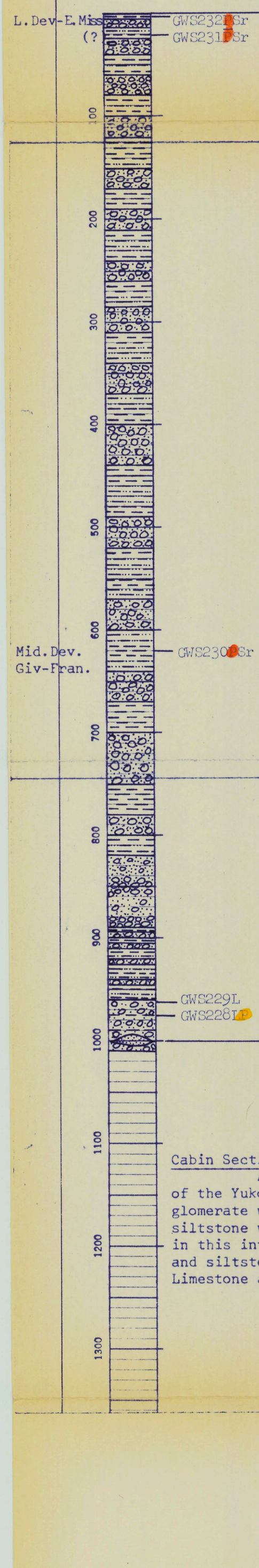
LOCATION ____ °N ____ °W N½ **Sec.** 1 **TWN** 4N **RNG** 29E

MEASURED BY A. Ormiston, G. Self
L.Furer, B.Fehlmann, C.Harrison **DATE** 8/04/71

INTERVAL Nation River Conglomerate

REMARKS Measured along NE side of Yukon River





COVERED

L. Dev-E. Miss (?) — GWS232P Sr, GWS231P Sr

Shale & siltstone interbedded w/conglomeratic sandstone & sandy conglomerate

Thickness estimated

Cong. not this massive in upper part of section

Mid. Dev. Giv-Fran. — GWS230P Sr

Massive, interbedded sandy conglomerate & conglomeratic SS.

Several resistant conglomerate beds (poorly exposed) interbedded w/nonresistant shale & siltstone (Float)

GWS229L

GWS228LP

Conglomerate, pebbles consist of black ch.(10%), cream, light, med. & dk gry chert (70%), apple green ch (10%), qtz (5%), and rock fragments composed of congl., SS, siltstone, and shale. Thin-bedded-massive, avg. pebble=1"
Plant fragments and lenticular sand bodies interbedded w/congl. SS has load casts & ripple marks. Plant frags occur in very thin layers of shale & siltstn.
Dip = N30°W @ 48°

COVERED BELOW SECTION.

Cabin Section

A partial section of the Nation River Formation is well exposed on the north bank of the Yukon River at this locality. The basal portion of this section is massive conglomerate with thin siltstone and shale interbeds. The upper 600' is mostly shale and siltstone with thin conglomerate and conglomeratic sandstone interbeds. The conglomerate in this interval has been highly overlogged on the measured section. This 600' of shale and siltstone is most likely equivalent to the covered interval at the base of the Tahkandit Limestone across the river at its type section.