7-21-72

Amoco Production Company

Surface Log

Name JOHN HERBERT VILLAGE SECTION (= HV)

COUNTY Porcupine Rv. Area **STATE** Alaska

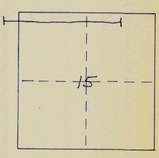
LOCATION ____ °N ____ °W N/2 Sec. 15 TWN 25N RNG 21E

MEASURED BY DeKeyser, Hankinson, Taylor **DATE** 7-21-72

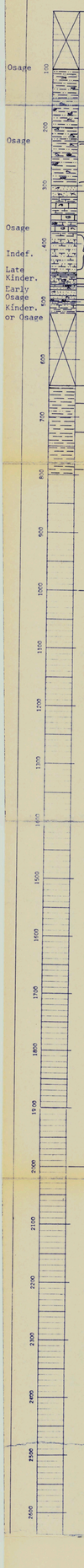
INTERVAL Miss.

REMARKS 1. Section measured about 1,000 yds. W of oil seep, W along N bank of Porcupine River

2. Rocks dip faitly consistently W or NW, hence the section represents estimated rock thicknesses



(Rock Slough section probably overlies this section on paleo. evidence)



Osage — HV8804 — Top of section
muddy siltstn, fossil, ab.
black, thin-bedded, muddy siltstn, with fairly numerous brachiopods, corals

Osage — HV8803 ●,L — interbedded shale & siltstn, blk, thin-bedded, with crinoid columnals, zoophycos(?) brachiopods

ss, very fine-grained, dense, medium-gry, thin-bedded, with brachiopods

HV8802F — interbedded blk, thin-bedded, calcareous sh & thick-bedded, blk ls., with very abundant corals (at least 3 genera), Brachythyris, Zoophycos, crinoid columnal

Osage — 8350 Sr
HV8801 ● — black, very thin-bedded calcisiltite, reddish-brn-weathering; similar to HV8795

Indef. — HV8800 ● — interbedded, blk, silty, calcareous sh. and blk, thick-bedded, crinoidal wk st., both with numerous tetracorals

Late Kinder. — HV8799 ●
HV8798F, ●, L, f — dk gry to blk, silty, argillaceous, crinoidal calcisiltite, bedding planes covered with Zoophycos(?), with tetracorals, (FCH says lithology & trace fossils similar to Schooka of No. Slpe)

Early Osage — HV8797 ●, L
HV8796 ●, L — dk gry-crinoidal pkstn., fetid odor when struck, with tetracorals, brachiopods

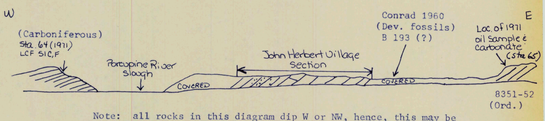
Kinder. or Osage — HV8795 ●, L — thin-bedded, coarse ss., with brachiopods
shale with siltstn, interbeds, grading into dk gry, sandy, calcareous sltstn, poss burrows, brachiopods, marcasite concretions
black shale with 2-3" siltstn interbeds

HV8794 ●, Sr ● — black, silty shale
black, silty, thin-bedded shale

HV8793 ●, ● — brownish-blk, silty shale

HV 8792 ●, ● — brownish black, silty shale
base of section

HV8791 ●, ●



8351-52
(Ord.)

Note: all rocks in this diagram dip W or NW, hence, this may be a good stratigraphic sequence provided no serious faulting in covered areas.