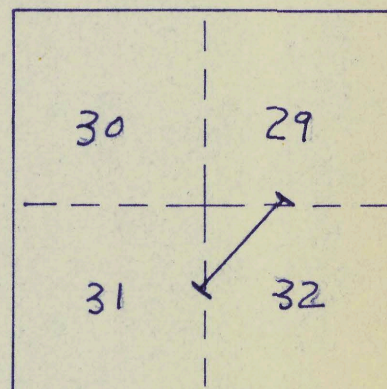


Amoco Production Company

Surface Log

Name Biederman Bluff Section (BB)
COUNTY Yukon River Area STATE Alaska
LOCATION °N °W NW Sec. 32 TWN 7N RNG 25E
MEASURED BY Hankinson, Taylor, DeKeyser DATE 7/25/72
INTERVAL _____
REMARKS Purpose of this section is to determine
carbonization of palynomorphs and source rock
quality of indurated shale near faulting and
away from faulting.



9024 (siltstn) see below
9025 66r (sh)
9026 66r sh w/flame struct. & convolute bedding, poss. x-lam.
9027 66r sh
9028 66r sh
9029 66r sh
9030 66r sh, lam. in part
9031 66r sh, evenly lam. w/occ. thin siltstn; occ. clay pebbles
9032 66r sh, aa w/occ. mg-casite conc.

DETAILED STRATIGRAPHY OF BIEDERMAN ARGILLITE

9024 21" slst, dk gy, hd, ripple laminae, sharp bottom contact, top contact is rippled. Very pronounced penecontemporaneous deformation in all slst. bds. Convolute bdg. Slst is sli calc & dolomitic. Deposits are apparently of more deeper marine origin. Whole section is obviously cyclic.
18" Sh, bl to dk gy, hd. phyllitic
6" Note: A core in the slst will be able to yield top & bottom and probable attitude of stratigraphy.
20" This stratigraphy repeats itself and some units contain thicker or more numerous shale interbeds than others.
10" Slightly graded slst.
3"
3"
902 2"
15"

100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000