Amoco Production Company

Surface Log

Name STEAMBOAT MOUNTAIN SECT.

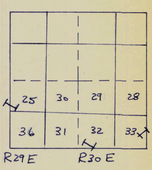
COUNTY Porcupine Rv. Area **STATE** Alaska

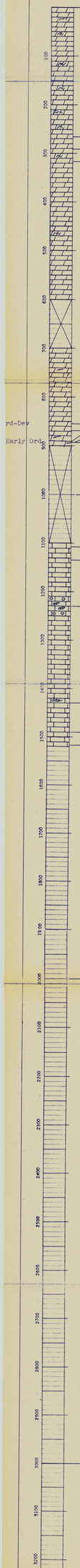
LOCATION ____ °N ____ °W Sec 26 32-33 TWN 16N 16N RNG 29E 30E

MEASURED BY Taylor, Hankinson, DeKeyser **DATE** 7-26-72

INTERVAL U.S.G.S. mapped PG. Possibly Ord. to Dev.(?)

REMARKS Three outcrops separated by covered interval. Structural relations not clear. Approx. 1500 feet section() not inclusive of covered intervals.





Dol. Lgt Gray. V. highly frac. Est. 60° dip west. Est. 600-700 feet section. (not measured) Grab spl. only. (Gross description) (Unit #1)

SB9059CL. Dol. light gray. Coarsely xln. v. badly frac. Fetid odor. Ghost structures and irreg. lamina. Grab spl. Est. 60° dip west.

SB9060CL. Dol. A.A.

SB9061CL. Dol. A.A.

½ Mile covered

Dol. light to dark gray. Sli to heavily rxln. V. good vuggy porosity in coarsely rxln rocks which are bulk of outcrop. Oil stn? Petroliferous odor. Fossils (gastropods) in light. gray sli.vxln. dol. Unit dips NE approx, 30°. (Gross description Unit #2)

SB9066C. Dol.lgt-med gry, sli. rxln. Petroliferous Oil Stn.? V good vuggy porosity. stromatoporoids

SB9065L. Dol. A.A.

SB9064L. Dol. Light gray. Petroliferous. Very vuggy

SB9063F. Dol. Gastropods, ____ ()

SB9062C. Dol. Conodont spl., stromatoporoids (?), dololatite

1 Mile Approx. Covered

Ls. lgt gry. Mostly micrite, f-xln, Unit dips east approx. 20° (Gross des-) (cription) (Unit #3.)

SB9072CL. Ls. Light gray. vfgr micrite

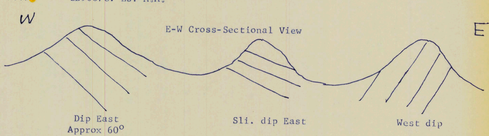
SB9071CL. Ls. A.A.

SB9070FC. Ls. Light gray calcilutite, oolites?.

SB9069LC. Ls. lgt gray, ripple x-lam. "mashed bird's eye texture." vfgr. micrite.

SB9068LC. Ls lgt. gray. C. xln. sli petrol. thickly bdd, thinly lam. w/x-lam. in places.

SB9067C. Ls. A.A.



Structural relations of units unclear.
Units differ significantly in lighologies.
Unit #1 is a highly fractured light gray dolomite, coarsely xln with ghost structures, irreg. lam., and fetid odor.
Unit #2 is a light to dark gray highly rxln dol. with very high ruggy porosity, petroliferous odor, oil stn? and gastropods.
Unit #3 is a light gray finely rxln ls. micrite with ripple-lam., "mashed bird's eye texture," with possible back-reef, bay, or lagoonal origin (supratidal?).