Amoco Production Company

Surface Log

Name JULY NINTH = JN

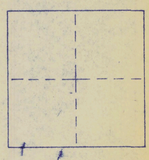
COUNTY East Brooks Range **STATE** Alaska

LOCATION 680 50'N 143°24'W **Sec.** ___ **TWN** ___ **RNG** ___

MEASURED BY Ormiston, Henderson, DeKeyser **DATE** 7/9/72

INTERVAL Lisburne

REMARKS 1. Measured down from top
2. Much of section covered w/float. Most exposures were sampled.



Thick siltstone above

Early Perm. Penn. (Morrow)

JN 8626 ● Siltstone, gray w/crinoids, brachs = Marine plus siltstone- orange-brown
JN 8625 L,●,● Top Lisburne contact covered

Indet.

JN 8627 ● Spl. #8627 crinoid in float

JN 8628 ● ● Wackestone, gray and chert, nodular & bedded, gray-white "first chert unit"

Late Mera or Chest.

JN 8629 ●,L,P Packstone & chert "second chert unit" Dip south @11°
JN 8630 ●,L,● Dip south @12°
JN 8631 ●,L,● Wackestone, dark gray w/brachs

JN 8632 L,● Lime mudstone - Wackestone & chert
JN 8633 L,●,f Grainstone-packstone w/brachs, bryozoa

Increasing number, thickness of grainstones-packstones below #8633

Late Mera or Chest.

JN 8634 L,●,f Packstone, gray, fossiliferous w/brachs.
JN 8635 L,f,● Packstone; med gray
Wackestone

JN 8636 L,f,● Packstone, coarse gr., dark gray

Interval 8636-37 predominately
Wackestones-mudstones

JN 8637 L,f,● Packstone

JN 8638 F Wackestone w/chonetid brach.

Mera(?)

JN 8639 ●,f,L,● Packstone
JN 8640 L,f,● Grainstone-Packstone w/crinoids

JN 8641 L,f,● Packstone

JN 8642 L,●,f Grainstone-packstone-crinoidal
JN 8643 L,●,f

Late Merg. Chester

JN 8644 ●,● Wackestone-packstone, crinoidal
JN 8645 ●,●,L Bryozoa, crinoids, corals in Wackestone

JN 8646 L,● Wackestone, "stromatolites in float"
JN 8647 ●,● Gigantoproductus bed = wackestone-packstone = L. Meramec/Chester

Late Mera or Chest.

JN 8648 L,●,● Wackestone Lithostrotionella
JN 8649 L Stromatolites? or laminated mudstone & chert + dolomite? in place
JN 8650 L,● Arg. lime mudstone & black nodular cannonball chert
Fennestella bryozoa

JN 8651 L,f,●

JN 8652 L Lime mudstone, black; & mudstone, red-tan, dolomitic?

JN 8653 L,●,f Lime mudstone, black w/large gastropods

Base of Lisburne?? Based on numerous long covered intervals below, few lime beds

First red shale in float
JN 8654 ● Numerous Lithostrotionella in float
JN 8655 ●,●,L Echino conchus brachiopods

Late Mera

JN 8656 L,●

Meramec

JN 8657 ●,L,● Packstone-wackestone, few corals in place
Stream valley