TRIATHLON PROJ. NO. 9237-A61-1E LINE NO. AH-3-97 PART NO. 1 OF 1 R.R. 8X

9237-A61-1E

PROVINCE N.W.T.

COMPANY AEC (West)

NO AH-3-97

FIELD OR AREA CARCAJOU RIDGE WEST along north bank of Mackenzie R.

LSD SEC TWP RGE. W LOC. G.P.S

LAT LONG 65° 36' 49"N 128° 25' 27"W

ELEV RT SF TD COMM COMP

GRID NO NTS 106H/9

LOGS: DILL, IES, SGR, ML, MLL, VEL, CDM; DENSITY, DIRECTIONAL, CALIPER, CORE PHOTO, MACROPALEO, MICROPALEO, PALYNOLOGY

FMS PENETRATED (AND TOPS) CANOL "Upper & Mid Kee Scarp Shale out EQUIVALENTS U. THIN OPEN MARINE LOWER KEE SCARP ~~KEESCARP PLATFORM CARCAJOU MARINE~~

PRODUCTION DATA NOTE: OFFREEF-OPEN MARINE Upper-Mid KEESCARP Fm with Fish Bone Beds & Debris. SECTION DEFINES EMBAYMENT DESCRIPTION BY, ADAM HEDINGER MEASURED BY C.T. SHERRY

REMARKS Situation along north Bank of Mackenzie R., a series of outcrops exposed at river level 1 to 5.5 miles west of Carcajou Ridge Photo/Slides AH 97-035-038 Panoramic View AH-3-97 AH-036, 037 actual Section

LOGGED BY ADAM HEDINGER DATE JULY 16, 1997

PLOTTED BY G.D. MANDRAWS DATE SCALE 1:120

DRWG NO ENCLOSURE NO. (1 inch = 10 feet)

TO ACCOMPANY

CRYSTAL - PARTICLE SIZE: SAND-SILT X CRYSTALS; COFRAGMENT (CARBONATE)

STRATIFICATION - SED. STRUCTURES

POROSITY: CARBONATE PORE TYPE & AMOUNT; A PORES - MATRIX POROSITY, B PORES - INTERCRYSTALLINE, C & D PORES - VUGS; 5% 10% 15%

COLOUR: FRESH, WEATHERED

FOSSILS & ACCESSORIES

ARCHIE SYMBOL

DESCRIPTION

LITHOLOGY

Photo Composite C.S. -4-12+13+14 Section overview

SOURCE ROCK OPEN MARINE

OPEN MARINE

OPEN MARINE-FOREREEF

OPEN MARINE

FOREREEF PLATFORM

Thickness Units

Photo C3-3 S-3 Recess; C3-2-3 S-2 Front; S-1 Recess; Covered 2m

30m; 29m Photo C3-3-4 S-8 Front; 27m; 26.5 Sample AH-3-97 S-6; Photo/Slides AH97-057-061

15m Photo C3-3-16 AH-3-97 S-4

6.8m FORE REEF 5.2m S-3

Dej 1.5m "CARCAJOU MARKER" 0m Photo C3-3-26 AH-3-97 S-1 Photo/Slides AH97-038-040

KNOTES: ENTIRE FIELD PARTY VISITED & DISCUSSED THE OBSERVATIONS & INTERPRETATION OF the SECTION (Critical Facies)

Upper Canol SHALE Jet BLK sl. calc platy Fissile

Mid Canol Fm CLT sl. calc. LST ms w/ Tentaculitids

Lower Canol Fm platy Fissile Recessive

Canol lies ~2m above to KEESCARP

LST ms/ws Strom Alveolite platy, Thom

LST ms Abund Fish Remains (platy)

LST ms/ws (Rare) crinoid-brachiopod FISH plates

nodular, sl argill

LST ms/ws thin-med bedded at base in part argill upper 3m nodular

sl. Recessive

rare PK crinoids & Brachs; Photo/Slides (AH97-057-061) also contains fossils

Robust-Gastropods

LST, in part argill blk weather dull BRY predominantly PCo crinoids WS/PS rare Thom papers matrix calcite fossils suggest Recessive well bedded L half Photo/Slides AH97-062-069 Argill WS/ms Shale

LST ms-ws w. Abund. fine crinoids, d-strius Brach. (Atrypa) minor platycelia Shale

nodular LST Art size Strom good Platy with Amount debris flow. Bar fragments Photo/Slides AH97-044-050 Sample AH-3-97-4

LST WS-PS Stricks/Hashes AH97-041-43 cylindrical Stromm Strom Rich. & Thom.

Globular Strom WS LST mass breaks wavy bands Recessive Crinoid-rich Amals Basal. Thomnopore

"Carcajou marker" SHALE calc. "OPEN MARINE" thin bedded

Recessive w. nodules, LST at top, replete with Thomnopora, crinoids, platy Alveolites finger-size Thamnopora Breaks frayed rare Tolbiites

BASE OF SECTION

(See: Detailed Slide Index SECTION AH-3-97) Photo/Slides AH-97-032 (basal) to AH97-064 (unit 9)