TRIATHLON 2990 Walkley Road Ottawa, ON K1B 3P9 (613) 731-0571 PROJ. NO. 9237-A61-1E LINE NO. BW-5-97 PART NO. 1 OF 2 R.R. 8X

9237-A61-1E

PROVINCE N.W.T. | COMPANY AEC West

NO. BW-5-97 | FIELD OR AREA WEST MOUNTAIN

LSD. SEC. TWP. RGE. W. | LAT. LONG.

LOC. map co-ordinates only | 65°38'N, 128°54'W

ELEV. RT / GR / TD | COMM. / COMP. | GRID NO.

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

FMS PENETRATED (AND TOPS): KEE SCARP to HARE INDIAN with Covered INTERVAL

PRODUCTION DATA: Measured by BOB WORKUM & C. Sherry. See Photos BW8-3,4

REMARKS: Map Coordinates only (NO GPS reading taken) SW outcrop-WEST Mtn. Scale 1 unit = 0.5m (~1 inch = 10 feet)

LOGGED BY R.H. (Bob) WORKUM | DATE JULY 18, 1997

PLOTTED BY G.D. Andrews | DATE | SCALE 1:100

DRWG. NO. | ENCLOSURE NO.

TO ACCOMPANY

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

STRATIFICATION - SED. STRUCTURES

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

COLOUR: FRESH, WEATHERED

FOSSILS & ACCESSORIES | ARCHIE SYMBOL | DESCRIPTION

LITHOLOGY

Photo BW-8-3 Overview Section AER

Upper part of KEE SCARP top NOT EXPOSED Tree Cover

Unit Thickness | Unit # | Photos | Samples

10 — 25m — 5.10 — C3-5531-F2-F35

LST MS-WS few Amphipora & other cylindrical stroms, one sample contains few crinoid columnals & brach frags, one sample contains intergranular bitumen & bitumen in calcite filled fractures tight

Open bank or lagoon

SHC intergranular bitumen

Bitumen intergranular

25m — 25.8m — BW-8-2 — 5.59

LST RECEPT. MASS oily stain liquid oil

BACKREEF — 6.5m — 5.8

RECEPTIVE LST Amphipora floodstone bituminous & argillaceous partings, live oil liberated by acid, oily film on acid, thin bedded cylindrical stroms

22m — 10.5m — 5.7

STROMATOPOROID — 5.7

Stroms Biostrom top 1m 70% "REEF" LST generally massive faint bedding 10cm-1m thick Amph. & other cylindrical stroms floodstone interbedded w/ Thicker Beds of sub spherical & cylindrized stroms & coral. Bad strm. 57 contains source rock?

42.5m — 30m — 5.6

LST MASSIVE RESISTANT CLIFFY, 50% Large subspherical & cylindrical Stroms. Thamnopora in lime PS matrix, massive strom REEF, DENSE/TIGHT

TOP 10m have gradual upsection decrease in % of large stroms becomes mostly cylindrized stroms. 56 15-30m cylindrical stroms in lime MS matrix. 10% clear spar inclusions. 55 0-15m massive & cylindrical stroms ostracods, Renalcis. Acid liberates bitumen & live oil from dark portions, colours ranges from medium to dark brown/gray. Lower 15m (55) the matrix is partly altered 10-30% to micro & VF crystalline Dolomite

72.5m — 73.3m — 5.3 — 5.3

Brecciated LST Tabular Stroms Floodstone Stroms Fenestral

Thamnopora in dark bituminous lime. Solitary Rugosa. Contains 10% gray limy shale. 53 Source rock. Covered recessive minor outcrop overall bitumen source rock?

Covered

73.3 — 73.3 — 5.2 — 5.2 — Photo Drop Above — BW-8-0

LST Large Stroms in thin bedded MS-WS matrix tabular cylindrical Stroms. In bituminous recess Thamnoporids bituminous on fracture surfaces. Tight Source Rock (53)

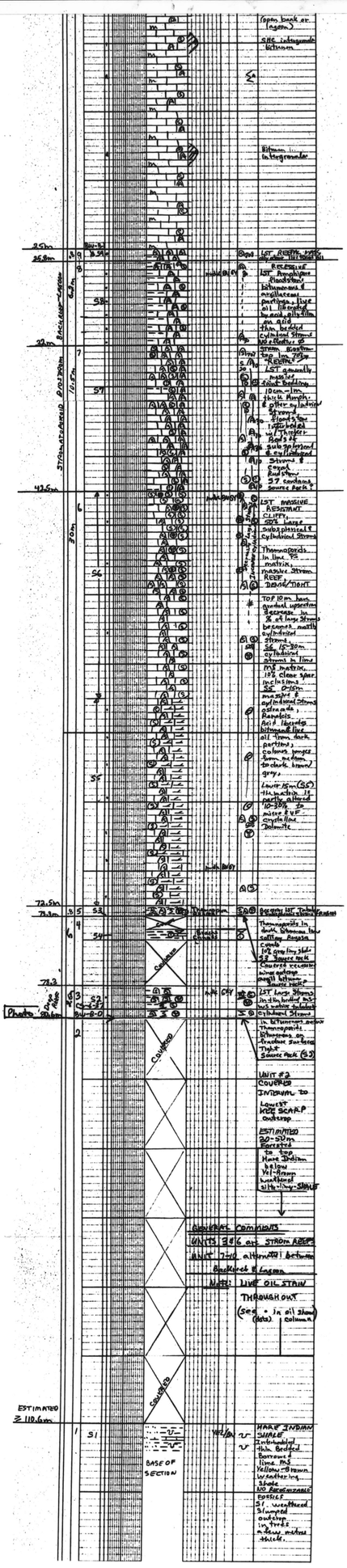
Covered

UNIT #2 COVERED INTERVAL to Lowest KEE SCARP outcrop. ESTIMATED 20-50m Forested to top Hare Indian below Vel-Brown weathered silty-limy-SHALE

GENERAL COMMENTS

UNITS 3 & 6 are STROM REEFS

UNIT 7-10 alternate between Backreef & Lagoon

Note: LIVE OIL STAIN THROUGHOUT (see • in oil show (dots) column)

TRIATHLON 3004 Mahoney Road Antioch, CA 94509 (925) 757-0571 | **PROJ. NO.** 9237-A61-1E | **LINE NO.** BW-S-97 | **PART NO.** 2 **OF** 2 **R.R.** 8X