OPEN FILE
DOSSIER PUBLIC
2110
GEOLOGICAL SURVEY
COMMISSION GEOLOGIQUE
OTTAWA

Robertson Research

Enclosure 22

CORE DESCRIPTION CHART

WELL

HEBRON I-13

JEANNE D'ARC BASIN, EAST COAST CANADA

SCALE 1 : 50

Authors: D.G. PEGG, C. WYNN

Department of Supply and Services

LIMESTONE: Pale grey, sandy, oolitic and bioclastic packstones, containing horizontal lamination, burrows, bivalve and indeterminate fossil debris and ooids. Calcite cemented throughout.

NON-SCALE GAP OF 46.2 METRES

SANDSTONE: Yellowish brown (oil-stained) to pale grey (calcite cemented), very fine to medium grained, containing weak horizontal lamination, burrows, local concentrations of bivalve and indeterminate shell fossils and calcite concretions (especially where fossiliferous).

NON-SCALE GAP OF 816 METRES

SANDSTONE: Pale grey with patchy yellowish brown oil-stain, fine to medium grained, containing horizontal lamination, discontinuous bedding, burrows, mudclasts, ooids, bivalve and indeterminate fossil debris, and calcite cement; interbedded with

SHALE: Pale grey to medium grey, silty, burrowed, containing bivalve and gastropod debris, interbedded with

SANDSTONE: Pale grey to yellowish brown (oil-stained), very fine to fine grained, horizontally laminated, loaded, burrowed containing bivalve and indeterminate fossil debris.

NON-SCALE GAP OF 204.5 METRES

SANDSTONE: Pale brownish grey to pale grey (calcite cemented), very fine to medium grained, commonly argillaceous and bioturbated, locally clean and horizontally laminated, containing ooids, wood fragments, bivalve and indeterminate shell fossils and calcite concretions interbedded with

LIMESTONE: Thin, pale grey (calcite cemented), bioclastic and oolitic packstones, interbedded with

SHALE: Medium to pale grey, silty.

NON-SCALE GAP OF 1112.52 METRES

SANDSTONE: Pale grey to pale brownish grey, very fine to medium grained, locally argillaceous, horizontally laminated, cross-bedded, slumped, loaded with burrows, concentrations of mudclasts and disseminated dolomite cement.

NON-SCALE GAP OF 313.1 METRES

SANDSTONE: Pale grey (calcite cemented), medium to coarse grained, pebbly, locally conglomeratic, containing sharp bases, horizontal lamination, wood fragments, mudclasts and bedded clasts.

SHALE: Medium grey, silty, slightly calcareous, containing siderite nodule.

This map has been produced from a scanned version of the original map
Reproduction par numérisation d'une carte sur papier