

DATA SUMMARY CHART

Enclosure 13

WELL

SOUTH MARA C-13

JEANNE D'ARC BASIN, EAST COAST CANADA

SCALE 1:240

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NO WIRELINE LOG AVAILABLE	DRILLERS DEPTH IN METRES	CORES	GRAIN SIZE AND SEDIMENTARY STRUCTURES SILT CLAY CLAY	LITHOLOGY	COARSENING AND FINING UPWARD SEQUENCES	CORE DESCRIPTION	CORE INTERPRETATION	PETROGRAPHY AND RESERVOIR GEOLOGY
	_ 2920 		rubble7loose sand			Light grey and light brownish grey, fine to very coarse grained, locally argillaceous, sandstone, containing horizontal lamination, cross-bedding, burrows and local concentrations of carbonaceous wood debris, intraformational mudclasts, cobbles, pebbles, and bivalve, gastropod and indeterminate fossil debris. Concretionary calcite cemented at top.	ESTUARINE CHANNEI	PETROGRAPHY No analyses performed. GEOMETRY
	- 2940 2950 2950		rubble			Pale grey and brownish grey, fine to very coarse grained, pebbly sandstones and thin pebble conglomerates containing horizontal lamination, cross-bedding, bivalve debris, carbonaceous wood fragments, intraformational mudclasts and predominantly quartzose pebbles, interbedded with	SANDSTONES AND SHALES Stacked fining upwards channel fill sequence with lags of mudclasts, pebbles and macrofossil debris, interbedded with minor abandonment shales.	Sheet, composed of internally coalescing ribbons, thinning to North and West. Ø AND K Good to very good porosity an permeability retained in clean sandstones, locally reduced by detrital clay and calcite concre
	- 2960		000000000000000000000000000000000000000			Pale yellowish brown to pale grey (calcite cemented) and medium grey, very fine to coarse grained sandstones, predominantly burrowed, bioturbated, containing carbonaceous wood debris, slump structures, and bivalve, gastropod, echinoderm and foraminifera debris, locally clean, horizontally laminated, containing intraformational	SHALLOW ESTUARINE CHANNEL AND TIDAL FLAT SANDSTONES Bioturbated muddy sandstones, containing macrofossil debris, interbedded with laminated sandstones containing mudclasts.	PETROGRAPHY No analyses performed. GEOMETRY Sheet. Ø AND K Locally good porosity and permeability largely reduced liderital clay and concretionar
NON-SCALE	2970)F 1	416.22 ME	TRES		mudclasts.		calcite.
	- 4392.32 - 4400 - 4402.32		Tubble to the state of the stat			Interbedded, pale grey, very fine to fine grained, argillaceous sandstones and pale to medium grey silty shales containing horizontal lamination, horizontal and vertical burrows, rootlets and carbonaceous wood debris.	INTERDISTRIBUTARY BAY SANDSTONES AND SHALES Fluvially supplied, burrowed and rootleted, interdistributary bay sequence.	PETROGRAPHY No analyses performed. GEOMETRY Sheet. O/ AND K Moderate to poorly porous an permeable argillaceous sandst and impermeable shales.
NON-SCAL		OF	179.08 ME	TRES				
	- 4581.4 					Pale grey to medium grey, predominantly very fine grained, argillaceous and bioturbated, locally fine grained and laminated sandstones containing carbonaceous wood debris and mudclasts. Medium dark grey, bioturbated and carbonaceous silty shales containing medium grey, very fine grained, bioturbated, argillaceous and	DELTA FRONT SANDSTONES AND SHALES Coarsening upwards, bioturbated marine prodelta sequence.	PETROGRAPHY No analyses performed. GEOMETRY Sheet. Ø AND K Poorly porous and permeable argillaceous sandstones over impermeable shales.