

Mobil N. Petitot D-097-C 094-P-13

Date Logged: May 1999
 Logged by: PETREL ROBERTSON CONSULTING LTD.
 Remarks: Core #1: 309.00-327.00m; Cut 18.00m; Rec'd: 17.15m
 Core #2: 327.00-345.00m; Cut 18.00m; Rec'd: 18.00m
 Core #3: 345.00-363.00m; Cut 18.00m; Rec'd: 18.00m
 Core #4: 363.00-381.00m; Cut 18.00m; Rec'd: 18.00m
 Core #5: 381.00-385.80m; Cut 4.80m; Rec'd: 4.80m

3.375 inch core; slabbed; excellent shape.

FORMATION		METRES		POROSITY		PERMEABILITY		LITHOLOGY		PHYSICAL STRUCTURES		ACCESSORIES		FOSSILS		STAIN		COLOUR		REMARKS	
		3000 0.1 1000																			
MIDDLE RUNDEL 2																				Light - medium brown skeletal wackestone/packstone, mainly fine-grained; carries single Syringopora sp. No visible porosity.	
																				Interbedded: (1) LIMESTONE, mudstone/wackestone to wackestone/packstone, former in fairly distinct beds, latter can be interbedded with SHALE, laminated to thin-bedded, slightly calcareous. Argillaceous bands give the whole a bedded appearance. Bedded nodular texture, with (rare) nodular interbeds. Occasional thin to medium homogeneous packstone units. Tight appearance.	
MIDDLE RUNDEL 1																				Coarse-grained packstone band.	
																				Calcareous laminated black mudstone with spiriferid brachiopods	
MIDDLE RUNDEL 2																				Coarsening upward; fine- to coarse-grained, well sorted packstone. Tight.	
																				Interbedded pure mudstone; nodular mudstone, with 1 - 2cm thick stringers of coarse, poorly sorted crinoidal packstone. Tight.	
MIDDLE RUNDEL 1																				Light brown, very fine- to fine-grained skeletal packstone, well-sorted; minor shaley lamina give hint of bedding.	
																				Fine- to medium-grained crinoidal packstone; near base with thin interbeds of calcareous SHALE.	
MIDDLE RUNDEL 2																				Basal two-thirds is fine-grained, well-sorted packstone; upper third poorly sorted wackestone/packstone, tight; purer mudstone (interbeds).	
																				Interbedded (80:20): Medium brown lime mudstone to wackestone in thick beds or intercalated with shale; some muddy packstone also present; and SHALE, finely laminated to thin bedded, calcareous, black. Tight. Arbitrary basal contact.	
MIDDLE RUNDEL 1																				Similar to above, but less fossiliferous; banded appearance.	
																				Argillaceous band.	
MIDDLE RUNDEL 2																				Single bed of coarse-grained, muddy packstone/wackestone. Tight.	
																				Laminated, fissile calcareous shale.	
MIDDLE RUNDEL 1																				Well sorted, fine-grained skeletal packstone, few argillaceous stringers, few interbeds of muddy wackestone/packstone. No sedimentary structures or bioturbation. Heavily sampled and disarranged. Heavily oil stained.	
																				Interbedded (60:40): LIMESTONE, mudstone/wackestone, generally in distinct 5 - 30cm bands; and SHALE, finely laminated. Distinctive banded appearance.	
MIDDLE RUNDEL 2																				Very well sorted calcsiltite to fine calcarenite (packstone); light brown, lightly oil stained.	
																				Interbedded dark grey mudstone, fine- to coarse-grained wackestone/packstone with shaley stringers; basal portion mudstone, passing to wackestone/packstone and mudstone units.	
MIDDLE RUNDEL 1																				Finely laminated, fissile, black.	
																				As above.	
MIDDLE RUNDEL 2																				Coarse- to very coarse-grained crinoidal packstone; heavily oil-stained.	
																				Interbedded (90:10): Mudstone, minor wackestone and SHALE, fissile. Banded appearance.	
MIDDLE RUNDEL 1																				Very coarse-grained, well-sorted packstone; abrupt contacts; tight; and distinctly interbedded mudstone (calcsiltite) and various types of well-sorted packstone to ?grainstone ranging from fine-grained to grits. Hints of planar bedding in some units. Few argillaceous stringers and interbeds.	
																				Interbedded (90:10): In 5 - 30cm thick bands; mudstone/wackestone at base passing to wackestone/packstone at top; and SHALE in stringers and wispy laminae.	
MIDDLE RUNDEL 2																				Banded nodular texture, pure mudstone, to calcsiltite in basal metre, 15 - 20cm bands separated by argillaceous laminae.	
																				Interbedded (90:10) with a distinct banded look: Medium brown mudstone to rare wackestone and SHALE; stringers and laminae. Dense and tight. Trace vertical fractures.	
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