

File:YGS CHR 15 APPE TAB 02.jpg

From Earthwise

[Jump to navigation](#) [Jump to search](#)

- [File](#)
- [File history](#)
- [File usage](#)
- [Metadata](#)

| Informal names | UKOOA formation/ member names | | Proposed modifications | Comments | |
|----------------|-------------------------------|--------------|------------------------|--|---|
| Barren Flod | Schooner | Upper | Boulton | Sand-poor succession; redbeds with local development of grey coal-bearing facies; non-marine limestones and caliche soils; distinctive micaceous sandstones with high GR response; distinctive illite-rich clay mineralogy with undegraded kaolinite; locally yields Westphalian D palynomorphs. Southerly derivation from Variscan Rheno-Hercynian zone (cf. UK onshore Halesowen Formation). Non-reservoir or waste zone. | |
| | | Lower | Ketch | Upper | Sand-rich succession; redbeds; generally biostratigraphically barren, but in a few cases yield Westphalian C palynomorphs; distinctive gley and ferruginous palaeosols; distinctive degraded kaolinite component in clay mineralogy. Divisible into 6 correlatable chemostratigraphic zones; lower/upper Ketch boundary taken at base of chemostratigraphic zone 4, corresponding to regional change in position of sand fairway. Northern derivation from Rinkøbing–Fyn High. Significant reservoir unit. |
| | | | | Lower | |
| Coal Measures | Un-named | Upper | Cleaver | Grey coal-bearing succession giving good and complete late Westphalian B to late Westphalian C palynomorph zonation. Separated from Ketch Formation by unconformity with local significant stratigraphical hiatus. Contains regular high GR peaks which are interpreted in terms of marine flooding surfaces of regional stratigraphical significance (cf. UK onshore section). Boundary between Lower and Upper Cleaver taken at presumed horizon of Aegiranum Marine Band (Westphalian B/C boundary). Mixed northern (Rinkøbing–Fyn High) and southeastern (Variscan Saxo-Thuringian Zone) provenance. | |
| | | | | Lower | Unlike underlying Westoe Formation, contains significant sandstone bodies that locally form viable reservoirs (e.g. Ketch 44/28-2). |
| | | Westoe Coal | Westoe | Coal-dominated sand-poor succession between top of Caister–Murdoch Sands (lower Westphalian B) and base of mid-/upper Westphalian B sand-bearing succession. Sand-poor nature results from distal position in prevailing westerly sourced depositional systems. Non-reservoir. ??Local intra-formational seal. | |
| | | Caister Coal | Caister | As existing. Northern provenance (cf. Pennine Basin Namurian). | |

Size of this preview: [645 × 599 pixels](#). Other resolutions: [258 × 240 pixels](#) | [2,880 × 2,676 pixels](#).

[Original file](#) (2,880 × 2,676 pixels, file size: 994 KB, MIME type: image/jpeg)

Summary

| | |
|--------------------|--|
| description | <p>English: Table 2 Proposed modifications to stratigraphical nomenclature, SNS Westphalian; with principal geological features of main units.</p> <p>From: Carboniferous hydrocarbon resources: the southern North Sea and surrounding onshore areas, edited by J. D. Collinson, D. J. Evans, D. W. Holliday, N. S. Jones. Published as volume 7 in the Occasional Publications series of the Yorkshire Geological Society, Copyright Yorkshire Geological Society 2005.</p> |
| source | Yorkshire Geological Society |
| author | Bernard Besly |

Licencing

{{subst:Custom license marker added by UW}}

Copyright for images in Yorkshire Geological Society publications on Earthwise is as follows:

Images may be reproduced free of charge for any non-commercial use in any format or medium provided it is reproduced accurately and not used in a misleading or derogatory context. Where any images on this site are being republished or copied to others, the source of the material must be identified and the copyright status acknowledged with the relevant attribution.

For all other uses of the images including commercial use please contact the Yorkshire Geological Society

Further copyright information for images from specific books and attribution statements: Yorkshire rocks and landscape

Images are Copyright Yorkshire Geological Society.

Attribution statement: Image from 'Yorkshire rocks and landscape: a field guide.' Yorkshire Geological Society 2006. www.yorksgeolsoc.org.uk

Northumbrian rocks and landscape

Images are Copyright Karen Atkinson and Colin Scrutton.

Attribution statement: Image from 'Northumbrian rocks and landscape: a field guide.' Yorkshire Geological Society 2004. www.yorksgeolsoc.org.uk


Carboniferous hydrocarbon resources: the southern North Sea and surrounding onshore areas

Images are Copyright Yorkshire Geological Society.

Attribution statement: Image from 'Carboniferous hydrocarbon geology.' Yorkshire Geological Society 2005. www.yorksgeolsoc.org.uk

File history

Click on a date/time to view the file as it appeared at that time.

| Date/Time | Thumbnail | Dimensions | User | Comment |
|---|---|------------------------|---|-------------------------------------|
| current 16:20, 16 August 2019 |  | 2,880 × 2,676 (994 KB) | Scotfot (talk contribs) | User created page with UploadWizard |

- You cannot overwrite this file.

File usage

The following page links to this file:

- [Late Carboniferous redbeds of the UK southern North Sea, viewed in a regional context](#)

Metadata

This file contains additional information, probably added from the digital camera or scanner used to create or digitise it.

If the file has been modified from its original state, some details may not fully reflect the modified file.

| | |
|--|----------------------------------|
| Unique ID of original document | 3887768AB4C97B52A1DE4FC17D5EB8E3 |
| Date and time of digitising | 17:49, 7 August 2019 |
| File change date and time | 12:32, 13 August 2019 |
| Date metadata was last modified | 12:32, 13 August 2019 |
| IIM version | 13,152 |

Retrieved from

http://earthwise.bgs.ac.uk/index.php?title=File:YGS_CHR_15_APPE_TAB_02.jpg&oldid=42210

Categories:

- [License tags](#)
- [Uploaded with UploadWizard](#)

Navigation menu

Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

Namespaces

- [File](#)
- [Discussion](#)

Variants

Views

- [Read](#)
- [Edit](#)
- [View history](#)
- [PDF Export](#)

More

Search

Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Browse properties](#)

• This page was last modified on 16 August 2019, at 16:20.

- [Privacy policy](#)
- [About Earthwise](#)
- [Disclaimers](#)

