

Reference Code: NRO 3410

# Papers of the North of England Institute of Mining and Mechanical Engineers

## Forster Collection

### NRO 3410/For/1

#### **Creator(s):**

Forster, Thomas Emmerson, fl 1830-1870, engineer

Forster, George Baker, fl 1830-1870, engineer

#### **Scope and Content**

The Forster collection consists of three distinct sections. Section one comprises a collection of report books relating to various eighteenth and nineteenth century viewers, collected by Thomas Emmerson Forster but not relating to the Forster family. Sections two and three comprise working papers of Thomas Emmerson Forster and his son George Baker Forster.

**Reference:** [NRO 3410/For/3/10](#)

Shincliffe Hall, Chopwell Woods, Hamsterley, Smalls Estate, Findon Hill Colliery.

**Creation dates:** 1832-1872

**Extent and Form:** 196 pp

### **Scope and Content**

Volume of colliery reports, correspondence and plans, 1832 - 1872

Pages 3-13 relate to Shincliffe Hall 1867

Pages 27-41 relate to Chopwell Woods Royalty 1867-1868

Pages 64-71 relate to Hamsterley Royalty 1867

Page 103 relates to Smales Estate 1864

Pages 141-272 relate to Findon Hill Colliery 1832 - 1872

Pages 251-271 are blank

**Reference:** [NRO 3410/For/3/10/3](#)

**Creation dates:** nd

**Physical characteristics:** 75 x 40cm.

### **Scope and Content**

Plan of workings under [the Shincliffe Hall Estate], scale 4ch: 1"

**Reference:** [NRO 3410/For/3/10/4](#)

**Creation dates:** 1866-1867

**Extent and Form:** 2 letters

### **Scope and Content**

From W.E. Wooler to Thomas E. Forster re an application by Mr Story for the purchase of coal under Shincliffe Hall Estate, 21 April 1866, 2 March 1867

**Reference:** [NRO 3410/For/3/10/6](#)

**Creation dates:** 7 March 1867

### **Scope and Content**

Letters from Joseph Love to T.E. Forster enclosing a statement of the amount and value of Mr Prince's coal

**Reference:** NRO 3410/For/3/10/8  
**Creation dates:** 13 March - 3 May 1867  
**Extent and Form:** 3 letters

**Scope and Content**

To T.E. Forster, 2 from W.E. Wooler and 1 from Joseph Love re the valuation of the coal

**Reference:** NRO 3410/For/3/10/9  
**Creation dates:** 1 May 1867

**Scope and Content**

Letter from A. Story to W.E. Wooler Esq re the valuation of Mr Prince's coal at Shincliffe

**Reference:** NRO 3410/For/3/10/10  
**Creation dates:** 20 April 1867

**Scope and Content**

Letter from Thomas E. Forster to W.E. Wooler Esq containing a report including valuation of Mr Prince's Royalty

**Reference:** NRO 3410/For/3/10/13  
**Creation dates:** 11, 21 April 1867

**Scope and Content**

Sections of seams made by G.B. Forster

**Reference:** NRO 3410/For/3/10/27  
**Creation dates:** 11 April 1868

### **Scope and Content**

Report by Thomas E. Forster and Thomas G. Hurst including details of the lease, sections of seams, quantity of coal available, estimated profit and valuation of coal

**Reference:** [NRO 3410/For/3/10/32](#)

**Creation dates:** 24 Feb 1868

### **Scope and Content**

Minutes including details of leases, synopsis of seams, estimated costs of a railway and wayleaves required

**Reference:** [NRO 3410/For/3/10/36](#)

**Creation dates:** 1867

### **Scope and Content**

Account of borings

**Reference:** [NRO 3410/For/3/10/41](#)

**Creation dates:** nd. [1868]

**Physical characteristics:** 125 x 132cm.

### **Scope and Content**

Plan of Chopwell Woods Estate and Plantations marking boreholes and the outcrop of the Brockwell three quarter and five quarter seams, scale 3ch: 1"

**Reference:** [NRO 3410/For/3/10/64](#)

**Creation dates:** nd

**Physical characteristics:** 32 x 32cm.

### **Scope and Content**

Plan of the Hamsterley Estate, belonging to the trustees of R.S. Surtees, coloured to show area of surface operations, marking North Eastern

Railway, Blaydon Branch, no scale

**Reference:** [NRO 3410/For/3/10/65](#)

**Creation dates:** 19 Nov 1867

### **Scope and Content**

Minutes for a report re the Hamsterley Estate including details of the lease, sections of seams, boring reports, current workings at Top Busty, railway links, selling prices and duration and valuation of coal

**Reference:** [NRO 3410/For/3/10/71](#)

**Creation dates:** 23 Nov 1867

### **Scope and Content**

Report containing information as 65 above, by Thomas E. Forster and Thomas G. Hurst

**Reference:** [NRO 3410/For/3/10/103](#)

**Creation dates:** 1864

**Physical characteristics:** Printed.

### **Scope and Content**

Sale particulars and plans for the sale of the estate of the late Henry Smales Esq at Bickerton, Caistron, parish of Rothbury, Wheelbirks and Kipper Lynn, parish of Bywell St Peter, Colt Park and Broomhill, parish of Lanchester, Crossgate, Durham and Fishburn, parish of Sedgefield, containing plan of each estate giving acreages and reference giving field names and state of cultivation, to be sold, 6, 7 Sept 1864

**Reference:** [NRO 3410/For/3/10/141](#)

**Creation dates:** 10 Sept 1870

### **Scope and Content**

Report to Messrs Chartes and Youll including details of the lease, rents,

shafts, engines, sections of seams, previous and current workings, workmen's housing, estimated future working costs and recommended borings, by Thomas G. Hurst

**Reference:** [NRO 3410/For/3/10/148](#)

**Creation dates:** nd.[1870]

### **Scope and Content**

Abstracts of leases from John Hodgson Hinde from Holmes Jopling and others and from Edward Jopling

**Reference:** [NRO 3410/For/3/10/153](#)

**Creation dates:** nd

**Physical characteristics:** 48 x 32cm.

### **Scope and Content**

Plan of Findon Hill Colliery Royalty, coloured to show different owners, scale 3.156ch: 1"

**Reference:** [NRO 3410/For/3/10/155](#)

**Creation dates:** nd. [1870]

**Physical characteristics:** 60 x 60cm.

### **Scope and Content**

Plan of Findon Hill and adjoining royalties coloured to show different owners, scale 6": 1 mile

**Reference:** [NRO 3410/For/3/10/157](#)

**Creation dates:** 3 Feb 1868

### **Scope and Content**

Lease from J.H. Hinde Esq to Messrs Pringle and Robinson of coal and fireclay under White House Farm, Witton Gilbert

**Reference:** [NRO 3410/For/3/10/172](#)

**Creation dates:** 16 Feb 1867

**Physical characteristics:** Plan 25 x 18cm.

### **Scope and Content**

Lease for 21 years from Messrs Jopling and others to Messrs Pringle and others of coal at Witton Gilbert including plan, coloured to show area referred to scale 6.312ch: 1"

**Reference:** [NRO 3410/For/3/10/187](#)

**Creation dates:** 3 Dec 1869

**Physical characteristics:** Plan 25 x 16cm.

### **Scope and Content**

Lease from Mr Edward Jopling to Mr W.J. Pringle and others of coal and fireclay at Witton Gilbert, including plan of the area leased, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/10/197](#)

**Creation dates:** 13 Nov 1832

**Physical characteristics:** 74 x 56cm.

### **Scope and Content**

Plan of Findon Hill and Potter Moor with other lands in the parish of Chester [le-Street], shows the area under which coal mines were leased by the Bishop of Durham to John George Lambton Esq, surveyed by Thomas Davison

**Reference:** [NRO 3410/For/3/10/211](#)

**Creation dates:** nd

### **Scope and Content**

Account of borings at Findon Hill

**Reference:** [NRO 3410/For/3/10/217](#)

**Creation dates:** 1852

**Scope and Content**

Account of borings at Kepier Royalty near the old Engine Pit, by George Stott

**Reference:** [NRO 3410/For/3/10/219](#)

**Creation dates:** 1861

**Scope and Content**

Account of strata sunk through in Nettlesworth New Pit, by Samuel Coxon

**Reference:** [NRO 3410/For/3/10/221](#)

**Scope and Content**

Copy of NRO 3410/For/3/10/148

**Reference:** [NRO 3410/For/3/10/225](#)

**Creation dates:** 1870

**Scope and Content**

Pay bill for 6 - 20 Aug 1870

**Reference:** [NRO 3410/For/3/10/227](#)

**Creation dates:** 6 - 20 Aug 1870

**Scope and Content**

Pay bill for Main and Shield Row Seams



**Reference:** [NRO 3410/For/3/10/228](#)

**Creation dates:** 29 Aug 1870

### **Scope and Content**

Notes re wayleave rents at Findon

**Reference:** [NRO 3410/For/3/10/229](#)

**Creation dates:** 29 Aug 1870

### **Scope and Content**

Queries re Findon addressed to T.G. Hurst

**Reference:** [NRO 3410/For/3/10/230](#)

**Creation dates:** 29 Aug 1870

### **Scope and Content**

Minutes including details of the leases, seams, engines, previous workings. working methods and estimated working costs

**Reference:** [NRO 3410/For/3/10/234](#)

### **Scope and Content**

Copy of report NRO 3410/For/3/10/141 above including copies of plans NRO 3410/For/3/10/153 and NRO 3410/For/3/10/155

**Reference:** [NRO 3410/For/3/10/241](#)

**Creation dates:** 17 April 1871

### **Scope and Content**

Report to Findon Hill Coal Co including the discovery of a fault and drainage problems with recommended working methods, by Thomas G. Hurst

**Reference:** NRO 3410/For/3/10/244

**Scope and Content**

Copy of plan NRO 3410/For/3/10/197

**Reference:** NRO 3410/For/3/10/245

**Creation dates:** 5 May 1875

**Scope and Content**

Report re Findon Hill Colliery including details of the lease, description of the seams, amount of available coal, description of the engine and pumps and transport, with recommendations for further work by Thomas G. Hurst

**Reference:** NRO 3410/For/3/10/272

**Creation dates:** nd

**Physical characteristics:** 36 x 47cm.

**Scope and Content**

Plan of property belonging to the late R.S. Surtees, no scale

**Reference:** [NRO 3410/For/3/11](#)

Elsecar, Seaton Moor, Rabbit Banks, Gateshead, Montague Main, Acomb, Moseley Green, Dean Forest, Avon Valley, Glamorganshire, Team, Lord Harewood's Sandstone Quarry, Pontefract, Greenhome Hematite, Norley Hall.

**Creation dates:** 1866-1873

**Extent and Form:** 145 pp

### **Scope and Content**

Volume of colliery reports and plans, 1866 - 1873

**Reference:** [NRO 3410/For/3/11/1](#)

**Creation dates:** 1869-1873

### **Scope and Content**

Series of reports re Elsecar and Parkgate Collieries, Simon Wood Pit and Skiers Spring Ironstone mines including descriptions of working methods, pillar working and ventilation with section of seam and plan showing working methods at Simon Wood and description and plan of walling at Skiers Spring with recommendations re improved working, for Earl Fitzwilliam by Thomas G. Hurst, Thomas E. Forster and Thomas Cooper, 1869 - 1873

**Reference:** [NRO 3410/For/3/11/37](#)

**Creation dates:** 1868

### **Scope and Content**

Notes re Seaton Moor Colliery CUMBERLAND, including details of the lease, synopsis and sections of seams, results of trials, working and selling costs and report including the above information and recommending future work by Thomas G. Hurst, 17 April, 2 May 1868

**Reference:** [NRO 3410/For/3/11/53](#)

**Creation dates:** 1868

### **Scope and Content**

Rabbit Banks, Gateshead

Report re the clay drift at the Fire Brick including section of the seam, the effects of the creep and shrinkage and damages due to Dr Wood, by Thomas G. Hurst, 24 March 1868

**Reference:** [NRO 3410/For/3/11/57](#)

### **Scope and Content**

Report re the Stone Coal, Low Main and Brockwell Seams being worked at Montague Main Colliery, by Thomas G. Hurst, 13 Jan 1868

**Reference:** [NRO 3410/For/3/11/61](#)

**Creation dates:** 1867

### **Scope and Content**

Report re Llanharrif Colliery Glamorgan, including synopsis of seams, description of current workings and selling prices and valuation, for John Straker Wilson Esq, 7 Sept 1867

**Reference:** [NRO 3410/For/3/11/65](#)

**Creation dates:** 1866

### **Scope and Content**

Report re Acomb Colliery including details of the lease of Acomb and Stublick Collieries, acreage, sections of seams, description of winding and pumping engines, recommended further workings, working charges and valuations, for William Chartres Esq, 21 April 1866

**Reference:** [NRO 3410/For/3/11/76](#)

**Creation dates:** 13 April 1867

### **Scope and Content**

Report re Moseley Green Forest of Dean, including Newman Shropshire, Brunswick and Wellington Collieries, including details of leases, sections of seams, amount of available coal and estimated winning costs and

profits, for Messrs Gillespie, Swithinbank and Co

**Reference:** [NRO 3410/For/3/11/85](#)

**Creation dates:** 2 Sept 1867

### **Scope and Content**

Report re Avon Vale Glamorganshire including details of the lease, current workings, estimated duration profits and valuation

**Reference:** [NRO 3410/For/3/11/90](#)

**Creation dates:** 25 July 1868

### **Scope and Content**

Report re Shop Pit, Team Colliery including current workings in the Hutton and Beaumont seams with recommendations and estimate for future work with plan showing the Beaumont and Hutton Seams with the drift between them, by T.G. Hurst

**Reference:** [NRO 3410/For/3/11/94](#)

### **Scope and Content**

Report re Pontefract sand quarry worked by William Lindley on the Earl of Harwood's property including current workings, working costs, railway charges and recommended terms for a new lease, 28 Feb 1868

**Reference:** [NRO 3410/For/3/11/97](#)

**Creation dates:** 14 Nov 1871

### **Scope and Content**

Report re Greenhome Mine including the situation, difficulties of access to the Furness Railway with recommendations re the erection of a tramway and re future work and estimates of production costs and profits, by Thomas J. Bewick

**Reference:** NRO 3410/For/3/11/104

**Creation dates:** nd

### **Scope and Content**

Sections of strata in the sinking of No. 3 Pit, Norley Hall Colliery

**Reference:** NRO 3410/For/3/11/112

**Creation dates:** 14 - 15 Feb, 61 March 1867

### **Scope and Content**

Minutes re Norley Hall Colliery including descriptions of the Camell, Wigan 4' and Orell 4' seams, ventilation and current workings with report containing the above, informations and recommendations re the best method of winning and working the deep coal in the east part of the colliery, by Thomas E. Forster and Thomas G. Hurst

**Reference:** NRO 3410/For/3/11/129-134

**Creation dates:** 19th C

**Extent and Form:** 6 plans

### **Scope and Content**

Of the Moseley Green Collieries, Forest of Dean - Plan showing the area of the United Collieries, boundaries marking Yorkley, Whillington, Coliford, Brazilly and Oaken Hill Coal, scale 8ch: 1", n.d. 50 x 80cm

Transverse section of the United Collieries Coal, scale 100': 1", 1865. 70 x 55cm

Surface plan of Wellington Colliery, showing boundaries, scale 2ch: 1", 1867. 88 x 44cm

Surface plan of the Shropshire or Horse Engine Colliery, showing boundaries, scale 2ch: 1", 1867. 42 x 100cm

Surface plan of Brunswick Colliery No. 1, showing boundaries, scale 2ch: 1", 1867. 46 x 92cm

Surface plan of Brunswick Colliery No. 2, showing boundaries, scale 2ch: 1", 1867. 43 x 120cm

**Reference:** NRO 3410/For/3/11/135-136

**Creation dates:** nd.[c.1868]

**Physical characteristics:** 120 x 175cm and 55 x 93cm.

### **Scope and Content**

2 workings plans of Seaton Moor Colliery leased by the Earl of Lonsdale to Messrs Mulcaster, showing workings in the Ten Quarters, Rattler and Metal Bands, scale 44yds: 1"

**Reference:** NRO 3410/For/3/11/137, 139, 144

**Creation dates:** nd.[19 [...] century]

**Physical characteristics:** 70 x 120cm

### **Scope and Content**

3 sections of Chopwell Colliery, scales 20': 1" and 3ch: 1"

**Reference:** NRO 3410/For/3/11/138

**Creation dates:** nd. [19th century]

**Physical characteristics:** 150 x 210cm.

### **Scope and Content**

Workings plan of Ellen and Crosby Pits, Crosby, West Cumberland, marking the Maryport and Carlisle Railway and River Ellen, scale 25yds: 1"

**Reference:** NRO 3410/For/3/11/140

**Creation dates:** 19th C

**Physical characteristics:** 125 x 36cm.

### **Scope and Content**

Plan and section of [a railway line] from Chopwell to the Derwent Valley Railway showing landowners, scales 1: 2,500 and 20': 1", n.d

**Reference:** [NRO 3410/For/3/11/141](#)

**Creation dates:** nd. [19th century]

**Physical characteristics:** 45 x 100cm.

### **Scope and Content**

Section of a drift in the Beaumont Seam in the Team Colliery, scale 1ch: 1" and one sixteenth: 1'

**Reference:** [NRO 3410/For/3/11/142](#)

**Creation dates:** nd. [19th century]

**Physical characteristics:** 51 x 110cm.

### **Scope and Content**

Workings plan of Team Colliery, no scale

**Reference:** [NRO 3410/For/3/11/143](#)

**Creation dates:** nd. [19th century]

**Physical characteristics:** 70 x 60cm.

### **Scope and Content**

Plan and sections of workings in the Rabbit Bank Fire Clay Drift, marking surface features including street names, scale 1ch: 1"



**Reference:** [NRO 3410/For/3/12](#)

Ruabon Colliery, Mostyn Colliery.

**Creation dates:** 1865-1875

**Extent and Form:** 324 pp

### **Scope and Content**

Volume of reports, correspondence and plans re Ruabon and Mostyn Collieries, Wales, 1865 - 1875

Items 1 - 174 relate to Ruabon Colliery 1869-1875

Items 192 - 244 relate to Mostyn No 1, 1851-1866

Items 262 - 279 relate to Mostyn No 2, 1850-1866

Items 334 - 374 relate to Mostyn No 3, 1850-1870

There are a series of loose plans between items 174 and 192

Pages 280-333 are blank

**Reference:** [NRO 3410/For/3/12/1](#)

**Creation dates:** 1871

**Extent and Form:** 16 letters

### **Scope and Content**

Between Thomas E. Forster, R.C. Webster of the Ruabon Coal Co and Walker Eddy re the lease of Hills Royalty, including lists of royalty rents payable by the Ruabon Company and neighbouring companies, 22 Sept 1870 - 12 Jan 1871

**Reference:** [NRO 3410/For/3/12/25](#)

**Creation dates:** 1870

### **Scope and Content**

Terms for a lease of Mr S.B. Hill's coal at Hafod-y-brock, Wrexham, for 31 years from 29 Sept 1870

**Reference:** [NRO 3410/For/3/12/26](#)

**Creation dates:** 9 Jan 1871

### **Scope and Content**

Section of seams at Ruabon Colliery and award of rents payable to Mr Hill

**Reference:** NRO 3410/For/3/12/29

**Creation dates:** 1 May 1835

**Scope and Content**

Letter from Henry Taylor enclosing points and memoranda to be considered by G.B. Forster in considering terms for a lease and possible working methods for Mostyn Colliery

**Reference:** NRO 3410/For/3/12/38

**Creation dates:** 13 May 1875

**Scope and Content**

Letter from Williams and James, Lincolns Inn, London, re a report on Mostyn Colliery made 1870 (not enclosed)

**Reference:** NRO 3410/For/3/12/39

**Creation dates:** 24 March 1875

**Scope and Content**

Letter from Law, Hussey and Hulbert, Lincolns Inn, London, to Messrs Williams and James re the lease of Mostyn Estate and Colliery

**Reference:** NRO 3410/For/3/12/41

**Creation dates:** 1874

**Scope and Content**

Monthly wages account for Eyton Pit

**Reference:** NRO 3410/For/3/12/42

**Creation dates:** 1874

### **Scope and Content**

Account of average wages for Mostyn Pits

**Reference:** [NRO 3410/For/3/12/43](#)

**Creation dates:** 1874

### **Scope and Content**

Account of numbers of men employed and wages paid at Mostyn and Eyton Pits

**Reference:** [NRO 3410/For/3/12/44](#)

**Creation dates:** 9 Feb 1875

### **Scope and Content**

Extent and value of the area of coal and clay south of Eyton Pit

**Reference:** [NRO 3410/For/3/12/45](#)

**Creation dates:** nd. [1874]

### **Scope and Content**

Prospectus for the Mostyn Coal and Iron Co Ltd, including list of directors and details and prospects of the properties to be leased

**Reference:** [NRO 3410/For/3/12/51](#)

**Creation dates:** 22 June 1874

### **Scope and Content**

Contract on behalf of the Mostyn Coal and Iron Company between John Taylor and Edward Mesnard

**Reference:** NRO 3410/For/3/12/53

**Creation dates:** 18 June 1874

### **Scope and Content**

Report re the Mostyn Coal and Iron Works including details of the lease, thickness of seams, amount of available coal, ventilation, winding and pumping engines, fire-brick manufactory and rail transport for E. Mesnard, by C. Tylden Wright

**Reference:** NRO 3410/For/3/12/57

**Creation dates:** 19 June 1874

### **Scope and Content**

Report re the blast furnaces and plant at Mostyn, including harbour facilities, by Thomas Spencer

**Reference:** NRO 3410/For/3/12/61

**Creation dates:** 30 Nov 1865

**Physical characteristics:** 45 x 42cm.

### **Scope and Content**

Lease from Thomas Longueville and Edward Williams to the Ruabon Coal Company of coal mines and other minerals in the parishes of Ruabon and Wrexham, including plan showing lands leased, no scale

**Reference:** NRO 3410/For/3/12/92

**Creation dates:** 1868

### **Scope and Content**

Mortgage agreement for £50,000 taken out by the Ruabon Coal Co Ltd

**Reference:** NRO 3410/For/3/12/94

**Creation dates:** 31 Dec 1869

### **Scope and Content**

Balance sheet for the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/96](#)

**Creation dates:** 13 June 1870

### **Scope and Content**

Statement of fortnightly costs of engines and pumps at Ruabon

**Reference:** [NRO 3410/For/3/12/99](#)

### **Scope and Content**

Accounts for work at Harford, Gardden, No 1 and No 6 Pits, pumping, smith, carpentry, labouring, masonry, farm, coking and brickmaking work for the Ruabon Coal Co, giving names of employees, days worked, deductions and wages paid, fortnight ending 11 June 1870

**Reference:** [NRO 3410/For/3/12/146](#)

**Creation dates:** nd

### **Scope and Content**

Extracts from leases held by the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/149](#)

**Creation dates:** Dec 1869

### **Scope and Content**

Statement of coal produced by the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/150](#)

**Creation dates:** nd. c.[1876]

### **Scope and Content**

Statement of the average production costs and selling prices for the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/151](#)

**Creation dates:** 11 June 1870

### **Scope and Content**

Statement of costs for keeping horses for the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/152](#)

### **Scope and Content**

Abstract of stores delivered, fortnight ending 11 June 1870

**Reference:** [NRO 3410/For/3/12/154](#)

**Creation dates:** July 1870

### **Scope and Content**

Estimate of coal remaining to work for the Ruabon Coal Co

**Reference:** [NRO 3410/For/3/12/156](#)

**Creation dates:** July 1870

### **Scope and Content**

Estimate of coal remaining to work from the Garddon Pits

**Reference:** [NRO 3410/For/3/12/157](#)

**Creation dates:** 16 Aug 1870

### **Scope and Content**

Statement of costs and selling prices for large coal at the Old Works and Garddon

**Reference:** [NRO 3410/For/3/12/158](#)

**Creation dates:** 31 May 1870

### **Scope and Content**

Letter from Thomas Allen, Ruabon Coal Co requesting a report

**Reference:** [NRO 3410/For/3/12/159](#)

**Creation dates:** 16 June 1870

### **Scope and Content**

Minutes re Ruabon Colliery including sections of seams, current workings, engines, abstract of working costs and coal remaining, by G.B. Forster

**Reference:** [NRO 3410/For/3/12/164](#)

**Creation dates:** 27 Aug 1870

### **Scope and Content**

Report re Ruabon Colliery including details of leases and rents, workings in the Hafod New Winning, including sections of seams, working methods, particularly the "long-wall" system and ventilation workings in Garddon, including section of seams and working methods and workings in the original Ruabon Colliery, by Thomas E. and G.B. Forster

**Reference:** [NRO 3410/For/3/12/174](#)

**Extent and Form:** 4 letters

### **Scope and Content**

From Thomas Allen, Ruabon Coal Co re the above report, with reply by Thomas E. Forster, 6 - 12 Sept 1870

**Reference:** [NRO 3410/For/3/12/a](#)

**Creation dates:** nd. [1870]

**Physical characteristics:** 94 x 127cm.

### **Scope and Content**

Plan of the workings in the Yard and Wall and Bench Seams, Hafod Colliery, showing the proposed extension of the workings, coloured to show current and proposed workings, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/12/b](#)

**Creation dates:** June 1870

**Physical characteristics:** 158 x 180cm.

### **Scope and Content**

Plan of workings in the Main Coal Seam [Ruabon] showing the proposed winning and working of the deep coal, coloured to show current and proposed workings and land owners, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/12/c](#)

**Creation dates:** nd. [1870]

**Physical characteristics:** 30 x 90cm.

### **Scope and Content**

Section of strata in Ruabon Colliery, coloured, no scale

**Reference:** [NRO 3410/For/3/12/d](#)

**Creation dates:** nd. [1870]

**Physical characteristics:** 60 x 230cm.

### **Scope and Content**

Section of strata in the new pits at Hafod, Ruabon Colliery, coloured scales vertical 8yd: 1", Horizontal 4yds: 1"



**Reference:** [NRO 3410/For/3/12/e](#)

**Creation dates:** nd. [1870]

**Physical characteristics:** 50 x 90cm.

### **Scope and Content**

Sections taken through various points on plan of Wall and Bench Seam, (f below), Park, No 6 and Garddon Pits, scales, vertical 20yds: 1", horizontal, 2ch: 1"

**Reference:** [NRO 3410/For/3/12/f](#)

**Creation dates:** June 1870

**Physical characteristics:** 90 x 158cm.

### **Scope and Content**

Plan of workings in the Garddon Pits, Wall and Bench Seam, coloured, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/12/g](#)

**Creation dates:** July 1870

**Physical characteristics:** 45 x 60cm.

### **Scope and Content**

Plan of workings in the Yard Coal, coloured, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/12/192](#)

**Creation dates:** 1 Dec 1854

### **Scope and Content**

Report re Mostyn Colliery including pumping and winding engines, details of seams, partial creep, ventilation, production costs and valuation, by Thomas E. Forster

**Reference:** [NRO 3410/For/3/12/198](#)

**Creation dates:** 17 Jan 1851

**Scope and Content**

Report re ventilation and problems with fire damp and the size of pillars to be left at Mostyn, by Jos. Dickinson, Inspector of Mines, for John Davies

**Reference:** [NRO 3410/For/3/12/200](#)

**Creation dates:** July - 4 Nov 1851

**Scope and Content**

Report re the current state of Mostyn Colliery old workings and copy letters re various methods of extending the workings, by J[ohn] D[avies]

**Reference:** [NRO 3410/For/3/12/205](#)

**Creation dates:** 20 Nov 1854

**Scope and Content**

Report re Mostyn Colliery New Winning, including ventilation, description of seams, drainage and quantity of coal available, by John Davies

**Reference:** [NRO 3410/For/3/12/209](#)

**Creation dates:** 26 March 1851 - 30 Sept 1854

**Scope and Content**

Statement of coal produced from various seams, fortnightly

**Reference:** [NRO 3410/For/3/12/225](#)

**Creation dates:** nd [c. 1850]

**Scope and Content**

Description of the engines at the Old and New Collieries

**Reference:** [NRO 3410/For/3/12/227](#)

**Creation dates:** May 1849

### **Scope and Content**

Estimate of coal to be made available in the Mostyn Seams by the new shafts

**Reference:** [NRO 3410/For/3/12/231](#)

**Creation dates:** 23 Nov 1854

### **Scope and Content**

Minutes re Mostyn Colliery New Winning including description and sections of seams, wages costs, selling prices and quantity of available coal

**Reference:** [NRO 3410/For/3/12/243](#)

**Creation dates:** nd

**Physical characteristics:** 30 x 100cm.

### **Scope and Content**

Section of the Mostyn Colliery Mine, scale 30yds: 1"

**Reference:** [NRO 3410/For/3/12/244](#)

**Creation dates:** 30 June 1866

### **Scope and Content**

Report re Mostyn Colliery including details of the lease, depths of seams, coal available, description of engines, shipping and harbour facilities, production, working costs, selling prices, profits and valuation, by Thomas E. Forster and Thomas G. Hurst

**Reference:** [NRO 3410/For/3/12/262](#)

**Creation dates:** 10, 27 May 1850

## **Scope and Content**

Abstracts of Mostyn Colliery leases

**Reference:** [NRO 3410/For/3/12/266](#)

**Creation dates:** nd [c. 1850]

## **Scope and Content**

Statement of coal seams found at Mostyn with descriptions and measurements

**Reference:** [NRO 3410/For/3/12/271](#)

**Creation dates:** Dec 1865

## **Scope and Content**

Valuation of machinery at Mostyn Colliery

**Reference:** [NRO 3410/For/3/12/277](#)

**Creation dates:** 1862 - 1865

## **Scope and Content**

Statement of working costs at Mostyn Colliery

**Reference:** [NRO 3410/For/3/12/279](#)

**Creation dates:** 1863-1866

## **Scope and Content**

Statement of coal sold, 1863 - 1865 and current selling prices, 1866

**Reference:** [NRO 3410/For/3/12/334](#)

**Creation dates:** 10 May 1850

### **Scope and Content**

Lease from Hon E.M. Lloyd Mostyn to James T. Cookney Esq of Mostyn Collieries

**Reference:** [NRO 3410/For/3/12/363](#)

**Creation dates:** 1870

**Extent and Form:** 2 letters

**Physical characteristics:** 198 x 60cm. PLAN

### **Scope and Content**

From Edward Preece, Portmadoc, requesting a report re the possible removal of pillars at Mostyn Colliery, and reply by Thomas E. Forster, 25, 27 May, 6 June 1870

Section of the Mostyn Pits, No 1 Engine Pit and No 2 Winding Pit, coloured, no scale, n.d

**Reference:** [NRO 3410/For/3/12/364](#)

**Creation dates:** 1870

### **Scope and Content**

Minutes re sections of strata and thickness of seams at Mostyn Colliery, by Thomas E. Forster, 14, 15 July 1870

Section of the Mostyn Tunnels, coloured, scale 30yds: 1", n.d

**Reference:** [NRO 3410/For/3/12/369](#)

**Creation dates:** 30 July 1870

### **Scope and Content**

Report re the advisability of working the pillars at Mostyn by Thomas E and G.B. Forster

**Reference:** [NRO 3410/For/3/12/372](#)

**Creation dates:** 13 Aug 1870

### **Scope and Content**

Letter to E. Breese re the above report

**Reference:** [NRO 3410/For/3/12/373](#)

**Creation dates:** 24 Oct 1870

### **Scope and Content**

Statement by Lord Mostyn to the Mostyn Coal Co re the removal of pillars

**Reference:** [NRO 3410/For/3/12/374](#)

**Creation dates:** nd.[c.1870]

**Physical characteristics:** Printed.

### **Scope and Content**

Prospectus for the Mostyn Coal and Iron Co

**Reference:** [NRO 3410/For/3/13](#)

Park House, Newbiggen and Prior Hall Estates, Flimby, Maryport Harbour,  
Melgramfitz, Broughton Moor, Moor Row.

**Creation dates:** 1847-1871

**Extent and Form:** 336 pp

### **Scope and Content**

Volume of reports, correspondence and plans re collieries in Cumberland, 1847 - 1871

Item 1 relates to Park House, Newbiggen and Prior Hall, Parishes of Torpenhow and Ireby, Cumberland 1868

Items 18-39 relate to Flimby, Cumberland 1852-1867

Item 127 relates to Maryport Harbour, Cumberland c.1867

Item 152 relates to Melgramfitz, Cumberland 1865-1868

Items 223 - 255 relate to Broughton Moor and Greysouthen Royalties, Cumberland 1867-1871

Items 296 - 382 relate to Threapethwaite Colliery and Bowthorne Estate, Cumberland 1847-1865

Items 407-416 relate to Moor Row Mines, Cumberland 1866 - 1867

Pages 172-222, 265-294, 384-406 are blank

**Reference:** [NRO 3410/For/3/13/1](#)

### **Scope and Content**

Particulars of sale including schedule giving acreages and plan, marking various lots, scale 6ch: 1", to be sold 25 Jan 1868

**Reference:** [NRO 3410/For/3/13/18](#)

**Physical characteristics:** 52 x 58cm.

### **Scope and Content**

Plan of the parish of Flimby, marking landowners and locations, with some details of sections of pits, scale 8ch: 1", based on a plan of 1839, compiled 13 March 1852

**Reference:** [NRO 3410/For/3/13/19](#)

**Creation dates:** 1867

### **Scope and Content**

Particulars compiled for a valuation of Flimby Colliery including abstracts of leases, sections of seams, sinking accounts, accounts of coal produced and selling prices, schedules of stock, including railways, pay bills, including lists of employees at Robin Hood and New Pits and accounts for damaged ground, by Thomas E. Forster

**Reference:** [NRO 3410/For/3/13/39](#)

**Creation dates:** March 1867

### **Scope and Content**

Inventory and valuation of stock

**Reference:** [NRO 3410/For/3/13/127](#)

**Creation dates:** nd.[c.1867]

### **Scope and Content**

Reports by Isaac Fletcher, Joshua Mulcaster and T. Walker re Maryport Harbour including useage, development of surrounding collieries and possible extensions to the harbour, with estimate of the produce of the Cumberland Coalfield north and south of Maryport

**Reference:** [NRO 3410/For/3/13/152](#)

**Creation dates:** 1865-1868

### **Scope and Content**

General balance sheets for Melgramfitz Colliery for half years ending 30 Sept 1865 - 28 March 1868

**Reference:** [NRO 3410/For/3/13/223](#)

### **Scope and Content**

Abstract of leases between Lord Leconfield, the Representatives of John Harris, dec. and Messrs Fletcher re the Broughton Moor and Greysouthen



Royalties for 31 years from 1 July 1870

**Reference:** [NRO 3410/For/3/13/229](#)

**Creation dates:** Aug 1871

**Scope and Content**

Inventory of stock at Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/236](#)

**Creation dates:** 1867

**Scope and Content**

Inventory of materials at Broughton Moor

**Reference:** [NRO 3410/For/3/13/240](#)

**Creation dates:** 1867

**Scope and Content**

Account with the Maryport and Carlisle Railway and for damaged land

**Reference:** [NRO 3410/For/3/13/241](#)

**Creation dates:** 1867

**Scope and Content**

Account of sundries and summary of costs

**Reference:** [NRO 3410/For/3/13/242](#)

**Creation dates:** nd. [c. 1870]

**Scope and Content**

Section of strata from Henry Pit, Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/244](#)

**Creation dates:** 6 Aug 1870 - 5 Aug 1871

**Scope and Content**

Fortnightly balance sheets for Bertha Pit, Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/248](#)

**Creation dates:** 1868 - 1870

**Scope and Content**

Rental for Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/249](#)

**Creation dates:** 1867

**Scope and Content**

Account of costs for horse-keeping, Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/250](#)

**Creation dates:** Aug 1871

**Scope and Content**

Estimate of coal available at Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/253](#)

**Creation dates:** 1868 - 1871

**Scope and Content**

Statement of selling prices for Broughton Moor Colliery

**Reference:** [NRO 3410/For/3/13/254](#)

**Creation dates:** nd

### **Scope and Content**

Valuation of the landlords interest in 33 acres of freehold coal, belonging to Lord Leconfield and John Harris Esq

**Reference:** [NRO 3410/For/3/13/255](#)

**Creation dates:** Aug 1871

### **Scope and Content**

Report re Broughton Moor Colliery including details of the lease, synopsis of seams, current workings, available coal, estimated profits and valuation, by Thomas E. Forster for W.B. Gordon Esq

**Reference:** [NRO 3410/For/3/13/296](#)

**Creation dates:** 1847-1865

### **Scope and Content**

Threapthwaite Colliery annual balance sheets, 31 March 1847 - 31 Dec 1865

**Reference:** [NRO 3410/For/3/13/377](#)

### **Scope and Content**

Abstract of a lease from the Earl of Lonsdale to Gilfred William Hartley, Thomas Ainsworth and George Pew, of coal under the Bowthorne Estate for 14 years from 31 Dec 1858

**Reference:** [NRO 3410/For/3/13/379](#)

**Creation dates:** 9 March 1866

## **Scope and Content**

Valuation of Threapthwaite Colliery

**Reference:** [NRO 3410/For/3/13/382](#)

**Creation dates:** 21 March 1866

## **Scope and Content**

Letter from Thomas Ainsworth at Cleator Moor, enclosing an account of coal produced from Lord Lonsdale's Royalty and brought to bank through Mr Hartley's property

**Reference:** [NRO 3410/For/3/13/407](#)

**Creation dates:** 1867

## **Scope and Content**

Report re Moor Row Mines particularly re problems caused by the removal of pillars contrary to the terms of the lease which proved detrimental to future workings. Including correspondence with James Davidson 1866 - 1867, by George Dixon, 8 May 1867

**Reference:** [NRO 3410/For/3/13/416](#)

**Extent and Form:** 2 plans

**Physical characteristics:** 60 x 78cm.

## **Scope and Content**

Of the workings at Moor Row referred to in the above report, coloured, scale 2ch: 1", 9 May 1866

**Reference:** [NRO 3410/For/3/14](#)

Morfa Colliery, Dee Bank, Ferndale Explosion, Oak Pits Colliery, Mold, Kenyon, Bryn-yr-Owen.

**Creation dates:** 1859-1868

**Extent and Form:** 147 pp

### **Scope and Content**

Volume of colliery reports, correspondence and plans re collieries in Wales, 1859 - 1868

Items 1-23 relate to Morfa Colliery, Swansea, Glamorgan 1868

Item 71 relates to Dee Bank Colliery 1859

Items 81 - 115 relate to Ferndale Explosion, Pontypridd, Glamorgan 1867-1878

Items 153-187 relate to Oak Pits Colliery, Mold, Flintshire 1868

Items 225-245 relate to Kenyon Colliery, Ruabon, Derbyshire 1863-1867

Item 269 relates to Bryn-YR-Owen, Wrexham 1866

Items 285 - 287 are plans relating to Mold, Flintshire

Pages 24-70, 116-152, 188-224, 246-268, 276-284 are blank

**Reference:** [NRO 3410/For/3/14/1](#)

**Creation dates:** 11 - 25 Feb 1868

**Extent and Form:** 3 letters

### **Scope and Content**

From Vivian and Sons to Thomas E. Forster arranging for an inspection and report by G.B. Forster

**Reference:** [NRO 3410/For/3/14/3](#)

**Creation dates:** 15 Jan 1868

### **Scope and Content**

Report criticising ventilation, care of safety lamps and timbering, by Thomas E. Wales, Government Inspector

**Reference:** [NRO 3410/For/3/14/4](#)

**Creation dates:** 1868

### **Scope and Content**

Notes re measurement of ventilation, colliery discipline, particularly re lamps and timbering, 27 Feb, 5 March 1868

**Reference:** NRO 3410/For/3/14/7

**Creation dates:** March 1868

### **Scope and Content**

Report based on the notes re above and recommending a new winning to reduce costs and improve ventilation, by Thomas E. and G.B.Forster

**Reference:** NRO 3410/For/3/14/13

**Creation dates:** 1866

**Physical characteristics:** 100 x 110cm.

### **Scope and Content**

Plan of the Morfa area showing Goytre Old Colliery Workings, Morfa Colliery Railway and boundaries, by J. Gray, scale 8ch: 1"

**Reference:** NRO 3410/For/3/14/15

**Creation dates:** nd. [C.1870]

**Physical characteristics:** 29 x 43cm.

### **Scope and Content**

Section of strata in the South Crop Coal Veins, scale 40': 1"

**Reference:** NRO 3410/For/3/14/17

**Creation dates:** nd.[C.1870]

**Physical characteristics:** 38 x 114cm.

### **Scope and Content**

Section of the Grange and Abbot Pits marking the 9 Feet and Cribbar Fawr Vein and ventilation procedure, scale 40yds: 1"

**Reference:** NRO 3410/For/3/14/19

**Creation dates:** nd

**Physical characteristics:** 30 x 70cm.

### **Scope and Content**

Plan of workings (unspecified), scale 2ch: 1"

**Reference:** NRO 3410/For/3/14/21

**Creation dates:** nd.[c.1870]

**Physical characteristics:** 42 x 105cm.

### **Scope and Content**

Plan of workings in the Cribbar Fawr Vein from Abbot Pit, scale 2ch: 1"

**Reference:** NRO 3410/For/3/14/23

**Creation dates:** nd. [c.1870]

**Physical characteristics:** 58 x 97cm.

### **Scope and Content**

Plan of workings in the 9ft Vein from Grange Pit, scale 2ch: 1"

**Reference:** NRO 3410/For/3/14/71

**Creation dates:** 24 June 1859

### **Scope and Content**

Report re the best method of winning a new tract of coal at Dee Bank by opening out old pits, for Messrs Haworth, Thompson and Co, by Thomas E. Forster

**Reference:** NRO 3410/For/3/14/81

**Creation dates:** 9 - 18 Dec 1867

### **Scope and Content**

Series of newspaper cuttings reporting on the proceedings of the inquest on the Ferndale Explosion

**Reference:** [NRO 3410/For/3/14/91](#)

**Creation dates:** 20 Nov - 5 Dec 1867

**Extent and Form:** 6 letters

### **Scope and Content**

From D. Davis, Aberdare, and William Adams, Cardiff, to Thomas E. Forster requesting an inspection of the colliery after the explosion, (original letters)

**Reference:** [NRO 3410/For/3/14/96](#)

**Creation dates:** 27 Nov 1867

### **Scope and Content**

Letter from Joseph Smith at Sheffield to Thomas E. Forster requesting a reference to support his application for the post of viewer at Ferndale

**Reference:** [NRO 3410/For/3/14/99](#)

**Creation dates:** nd. [c.1870]

**Extent and Form:** 2 copies

**Physical characteristics:** 30 x 35cm.

### **Scope and Content**

Plan of part of the workings [at Ferndale] showing ventilation currents, scale 1ch: 1"

**Reference:** [NRO 3410/For/3/14/103](#)

**Creation dates:** nd. [1867]

**Physical characteristics:** 88 x 88cm.

### **Scope and Content**

Plan of the workings [Ferndale], no scale



**Reference:** [NRO 3410/For/3/14/105](#)

**Creation dates:** 1867

**Physical characteristics:** 86 x 110cm.

### **Scope and Content**

Plan of workings in the Four Feet Seam, Ferndale Colliery, when the explosion occurred on 8 Nov 1867, with reference showing the location of the bodies, air courses, doors and working places, coloured, scale 2ch: 1"

**Reference:** [NRO 3410/For/3/14/107](#)

**Creation dates:** 1866

**Extent and Form:** 24 pp

**Physical characteristics:** Printed pamphlet

**Language:** eng wel

### **Scope and Content**

Rules and Regulations to be Observed by Owners, Agents, Workmen and All Others Employed in or about Collieries of Mr David Davis

**Reference:** [NRO 3410/For/3/14/108](#)

**Creation dates:** 24 Dec 1867

### **Scope and Content**

Letter from D. Davis to Thomas E. Forster re the verdict on the Ferndale inquest

**Reference:** [NRO 3410/For/3/14/109](#)

**Creation dates:** 11 Dec 1867

### **Scope and Content**

Minutes of an inspection of Ferndale after the explosion, by [G.B.] Forster

**Reference:** [NRO 3410/For/3/14/113](#)

**Creation dates:** 1868

**Extent and Form:** 2 letters

### **Scope and Content**

From Lewis Davis, Cardiff to Thomas E. Forster, re the expected life of fire bars in ventilating furnaces, 18, 24 Jan 1868

**Reference:** [NRO 3410/For/3/14/115](#)

**Creation dates:** 6 March 1868

### **Scope and Content**

Letter from D. Davis, Aberdare, to Thomas E. Forster re expenses for reports

**Reference:** [NRO 3410/For/3/14/153](#)

**Creation dates:** 31 March 1868

### **Scope and Content**

Report including details of tenure, synopsis of seams, state of the engines and surface machinery, criticism of the use of naked lights, recommendations re improved ventilation, description of working methods and future prospects with recommendations re future workings, including new sinkings and the erection of a new winding engine, by Thomas E. Forster and Thomas G. Hurst

**Reference:** [NRO 3410/For/3/14/166](#)

**Extent and Form:** 8 pp

### **Scope and Content**

Printed copy of the above report

**Reference:** [NRO 3410/For/3/14/167](#)

**Creation dates:** 19 March 1868

**Scope and Content**

Minutes for the above report by Thomas Hurst

**Reference:** [NRO 3410/For/3/14/173](#)

**Creation dates:** nd. [1868]

**Scope and Content**

Statement of freehold and leasehold properties comprising the Broncoed Estate giving field names, acreages and details of leases

**Reference:** [NRO 3410/For/3/14/185](#)

**Creation dates:** nd. [1868]

**Physical characteristics:** 54 x 72cm.

**Scope and Content**

Plan showing the relative position of the Broncoed Bromfield Collieries with the probable course of the faults as proved in the Holain Coal Workings, scale 3ch: 1"

**Reference:** [NRO 3410/For/3/14/187](#)

**Creation dates:** nd. [1868]

**Scope and Content**

Section of seams on the high and low side of the fault at Bromfield and Oak Pits Collieries, longitudinal scale 1ch: 1", vertical scale 40ft: 1"

**Reference:** [NRO 3410/For/3/14/225](#)

**Creation dates:** 1863

**Scope and Content**

Prospectus for the proposed formation of a company to work the colliery including reports on the situation and prospects by Messrs Bond and

Sons, Mining Engineers, Nottingham, S. Scott, viewer for Greenwich Hospital Estates, and Edward Jones, Royalty Surveyor for Sir Watkyn Wynn

**Reference:** [NRO 3410/For/3/14/231](#)

**Creation dates:** nd. [c. 1865]

### **Scope and Content**

Section of No 1 and No 2 Pits, Kenyon Colliery and the New British Iron Company's Pit, Ruabon

**Reference:** [NRO 3410/For/3/14/240](#)

**Creation dates:** 16 March 1867

### **Scope and Content**

Report re prospects for Kenyon Colliery including description of seams and workings in adjoining collieries and probable duration, valuation and estimate of working costs, by Thomas E. Forster and Thomas G. Hurst

**Reference:** [NRO 3410/For/3/14/245](#)

**Creation dates:** nd

**Physical characteristics:** 46 x 33cm.

### **Scope and Content**

Plan of Kenyon Colliery showing workings in the Gate Pit, scale 2ch: 1" coloured

**Reference:** [NRO 3410/For/3/14/269](#)

**Creation dates:** 24 March 1866

### **Scope and Content**

Report including extent of the Royalty details of the lease, description of the seams and engines, recommendations as to future sinkings and drainage, probable duration and profit and valuation, by Thomas G. Hurst

**Reference:** [NRO 3410/For/3/14/285](#)

**Creation dates:** nd. [c.1867]

**Physical characteristics:** 48 x 56cm.

### **Scope and Content**

Plan of the surface of estates near Mold, Flintshire under which coal mines belong to the Broncoed Colliery Co Ltd, showing surrounding owners, pits, water levels and proposed railways, coloured, scale 5ch: 1"

**Reference:** [NRO 3410/For/3/14/286](#)

**Creation dates:** nd. [c.1868]

### **Scope and Content**

Copy of NRO 3410/For/3/14/185

**Reference:** [NRO 3410/For/3/14/287](#)

**Creation dates:** nd. [c. 1868]

### **Scope and Content**

Copy of NRO 3410/For/3/14/187