

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/3/35](#)

Darrington Estate Report, 1890, Acton Estate Report, 1890.

Creation dates: 1876 - 1890

Extent and Form: 108 DOCS

Scope and Content

Volume containing letters and papers re the possibility of mining coal in the Darrington Estate, Pontefract, Yorkshire 1890. Also, coal workings in Acton Royalty near Wrexham, Wales 1876-1890

Items 1 - 49 relate to Darrington Estate, Yorkshire

Items 50 - 112 relate to Acton Royalty report

Reference: [NRO 3410/For/3/35/1-42](#)

Creation dates: 1890

Extent and Form: 41 letters

Scope and Content

Between G.B. Forster and Mr Bailes (1), W. Garforth (5), A. Grant Meek (25), Henry Poskitt (1), George Southern (3), E. Stanford (1), and John Vivian, Vivian's Boring Co (6)

Reference: [NRO 3410/For/3/35/43](#)

Creation dates: nd. [c.1890]

Scope and Content

Section of strata at Nostell Colliery, scale 50': 1"

Reference: [NRO 3410/For/3/35/44](#)

Creation dates: nd

Scope and Content

Plan of the Pontefract area marking Darrington Royalty, scale 1 Mile: 1"

Reference: [NRO 3410/For/3/35/45](#)

Creation dates: 12 June 1890

Scope and Content

Notes for a report re the Darrington Estate including descriptions of the Prince of Wales Colliery, Featherstone Manor Colliery, Snyderdale Colliery and results of sinkings at Charlston, Glass Houghton, Wheldale, Fryston, Hemsworth and South Kirby Collieries, by Thomas Bailes

Reference: [NRO 3410/For/3/35/46-47](#)

Creation dates: 20 June 1890

Scope and Content

Newspaper cutting re developments in the Yorkshire Coalfield, 19 June 1890, with covering letter from W.E. Garforth

Reference: [NRO 3410/For/3/35/48](#)

Creation dates: 11 June 1890

Scope and Content

Letter from Greaves and Son to W.E. Garforth re depths of pits as listed in the notes 45 above

Reference: [NRO 3410/For/3/35/49](#)

Creation dates: Feb 1891

Scope and Content

Areas of detached plots at Darrington

Reference: [NRO 3410/For/3/35/50-104](#)

Creation dates: 1889 - 1890

Extent and Form: 51 letters

Scope and Content

Between G.B. Forster and Sir Robert Cunliffe, including detailed reports re

the Acton and Wrexham Royalties, with sections of seams, availability of coal and proposed terms for a lease (19), Henry Dennis (5), Nathan Griffiths (8), Thomas G. Hurst (2), Charles Thom (4), Townsend and Barker (1), R.J. Whickham (9) and J.C. Vivian (5)

Reference: [NRO 3410/For/3/35/105](#)

Creation dates: nd

Scope and Content

Notes and the possible problems with water in the Acton Royalty

Reference: [NRO 3410/For/3/35/106](#)

Creation dates: nd

Physical characteristics: 50 x 47cm.

Scope and Content

Plan of the Acton Estate and the area on the east side of the dip fault, scale 6": 1 mile

Reference: [NRO 3410/For/3/35/107](#)

Creation dates: 30 Dec 1876 - 17 March 1877

Extent and Form: 13 pp

Scope and Content

Reports re the interpretation of the lease of the Acton Estate and the lessees problems with finding and working coal and their obligations, by William Armstrong

Reference: [NRO 3410/For/3/35/108](#)

Creation dates: 30 April 1877

Extent and Form: 3 pp

Scope and Content

Letter from Jacob Higson to Sir Robert Cunliffe re the interpretation of the

lease

Reference: [NRO 3410/For/3/35/109](#)

Creation dates: nd

Physical characteristics: 60 x 88cm.

Scope and Content

Plan of workings in Wrexham and Acton Collieries, scale 2ch: 1"

Reference: [NRO 3410/For/3/35/110](#)

Creation dates: nd

Physical characteristics: 38 x 120cm.

Scope and Content

Section of a driving through the Acton Fault, scale 10': 1"

Reference: [NRO 3410/For/3/35/111](#)

Creation dates: nd

Extent and Form: 6 pp

Scope and Content

Section of strata in Wrexham and Acton Collieries

Reference: [NRO 3410/For/3/35/112](#)

Creation dates: 12 Dec 1889

Extent and Form: 8 pp

Scope and Content

Report re Wrexham Colliery including description of faults, working method, section of seams and terms for a lease

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

Whitehaven Colliery Wages Reference, 1890, Lints Colliery Arbitration, 1889.

Creation dates: 1889-1890

Extent and Form: 98 docs

Scope and Content

Volume containing letters and papers re a dispute re levels of wages paid at the Whitehaven Collieries, submitted to arbitration of G.B. Forster 1889-1890. Also, re a dispute over compensation to be paid to Messrs Laycock for damage caused by the Lintz Colliery Company, submitted to arbitration of G.B. Forster and Thomas Gow, 1889

Items 1 - 75 relate to Whitehaven Colliery

Items 76 - 98 relate to Lintz Colliery

Reference: [NRO 3410/For/3/36/1-64](#)

Creation dates: 1889 - 1890

Extent and Form: 60 letters

Scope and Content

Between G.B. Forster and Jonathan Hyslop (2), J.D. Kendall (5), Andrew Sharp (5) and the Whitehaven Colliery Co (48), 1889 - 1890

Reference: [NRO 3410/For/3/36/9](#)

Creation dates: 18 Jan 1890

Scope and Content

List of employees and wages paid at Wellington Pit

Reference: [NRO 3410/For/3/36/11](#)

Creation dates: 28 Jan 1890

Scope and Content

Section of Main and Bannock Seams at Croft Pit

Reference: [NRO 3410/For/3/36/15](#)

Creation dates: 4 Feb 1890

Physical characteristics: Printed.

Scope and Content

Statement re the results of the arbitration by G.B. Forster and J.D. Kendall

Reference: [NRO 3410/For/3/36/65](#)

Creation dates: 26 Dec 1889

Extent and Form: 2 pp

Scope and Content

Agreement between the Whitehaven Colliery Company and their employees re wages

Reference: [NRO 3410/For/3/36/66](#)

Creation dates: 23 Jan 1890

Extent and Form: 3 pp

Scope and Content

Sections of seams at Whitehaven Collieries

Reference: [NRO 3410/For/3/36/67](#)

Creation dates: nd

Extent and Form: 2 pp

Scope and Content

Calculations re ? production

Reference: [NRO 3410/For/3/36/68-71](#)

Creation dates: 1889 - 1890

Extent and Form: 8 pp

Scope and Content

Statements of the situation at Croft, Henry Wellington Pits

Reference: NRO 3410/For/3/36/72

Creation dates: Jan - Feb 1890

Extent and Form: 21 pp

Scope and Content

Transcripts of evidence given before the arbitration

Reference: NRO 3410/For/3/36/73

Creation dates: 4 Feb 1890

Extent and Form: 3 pp

Scope and Content

Award by the arbitrators G.B. Forster and J.D. Kendall

Reference: NRO 3410/For/3/36/74-75

Creation dates: Dec 1889

Scope and Content

Newspaper cuttings re the dispute

Reference: NRO 3410/For/3/36/76-89

Creation dates: 1889

Extent and Form: 16 letters

Scope and Content

Between G.B. Forster and R.W. Cooper (12) and Thomas Gow (4)

Reference: NRO 3410/For/3/36/91

Creation dates: 6 April 1889

Extent and Form: 3 pp

Scope and Content

Appointment of G.B. Forster and Thomas Gow as arbitrators

Reference: [NRO 3410/For/3/36/92-93](#)

Creation dates: 27 - 30 April 1888

Extent and Form: 8 pp

Scope and Content

Estimate of the cost of the repairs required to the colliery buildings

Reference: [NRO 3410/For/3/36/94](#)

Creation dates: 6 July 1888

Scope and Content

Description and estimate of repair costs of damage

Reference: [NRO 3410/For/3/36/95](#)

Creation dates: 24 May 1888

Scope and Content

Summary of repair costs by Joseph Ridley and Matthew Howey Wells, builders

Reference: [NRO 3410/For/3/36/96](#)

Creation dates: 23 May 1888

Extent and Form: 8 pp

Scope and Content

Estimate of repair costs for damaged buildings on Laycock's Estate

Reference: NRO 3410/For/3/36/97

Creation dates: 2 April 1855

Extent and Form: 32 pp

Scope and Content

Copy lease from Messrs Laycock to Messrs Gooch and Prior of coal mines under the Lintz Hall Estate for 42 years from 13 May 1854, including plan of the estate, scale 8ch: 1"

Reference: NRO 3410/For/3/36/98

Creation dates: nd. [1889]

Scope and Content

Statement of costs by the executors of the late Richard Laycock to the Lintz Colliery Company

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

Valuation of Heworth Colliery

Creation dates: 1892

Extent and Form: 31 docs

Scope and Content

Volume containing letters and papers re the valuation of Heworth Colliery, 1892

Reference: [NRO 3410/For/3/37/1](#)

Creation dates: 26 Aug 1892

Extent and Form: 5 pp

Scope and Content

Report and valuation of the colliery by G.B. and T.E. Forster

Reference: [NRO 3410/For/3/37/2](#)

Creation dates: 1883, nd

Scope and Content

Abstract of the lease of the colliery dated Nov 1876 and additional deed

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

Creation dates: copies 17 Oct 1892

Physical characteristics: 36 x 44cm.

Scope and Content

Plan showing the area of the colliery lease attached to the draft lease, marking waggonways and dyke, scale 6": 1 mile

Reference: [NRO 3410/For/3/37/4](#)

Creation dates: nd.[c.1889]

Physical characteristics: 30 x 18cm.

Scope and Content

Plan showing the Heworth Waggonway and staiths, scale 25": 1 mile

Reference: [NRO 3410/For/3/37/5](#)

Creation dates: 21 July 1892

Extent and Form: 4 pp

Scope and Content

Report re Heworth Colliery including description of pits, engines, sections and descriptions of seams

Reference: [NRO 3410/For/3/37/6](#)

Creation dates: 25 July 1892

Extent and Form: 5 pp

Scope and Content

Report re workings in various seams with recommendations re working methods, by T.E. Forster (junior)

Reference: [NRO 3410/For/3/37/7](#)

Creation dates: Aug 1892

Extent and Form: 9 pp

Scope and Content

Memoranda re the valuation including abstracts of the lease, coal reserves, sections of seams, production, workmen's houses, working costs, valuation of plant, numbers of employees and investment

Reference: [NRO 3410/For/3/37/8-9](#)

Creation dates: July 1892

Extent and Form: 9 pp

Scope and Content

Calculations and measurements of remaining coal

Reference: NRO 3410/For/3/37/10

Creation dates: 31 Dec 1891

Extent and Form: 3 pp

Scope and Content

Report re workings in 1891 by John Simpson

Reference: NRO 3410/For/3/37/11

Creation dates: 1887 - 1892

Scope and Content

Statement of coal available and profits and losses, 1887 - 1891, 29 Feb 1892

Reference: NRO 3410/For/3/37/12

Creation dates: 1888-1892

Scope and Content

Statement of account for Heworth Coal Company, 1888 - 1891, 17 Oct 1892

Reference: NRO 3410/For/3/37/13-14

Creation dates: nd. [1892]

Scope and Content

Calculations re profits, 1887 - 1891

Reference: NRO 3410/For/3/37/15-31

Creation dates: 1892

Extent and Form: 17 letters

Scope and Content

Between G.B. Forster and W.C. Gibson (6), John Havelock (4) and John Simpson (7)

Reference: [NRO 3410/For/3/38](#)

N.E.R. 1892 Bill.

Creation dates: 1858-1892

Extent and Form: 30 docs

Scope and Content

Volume containing printed copies of parliamentary proceedings, letters and papers in the North Eastern Railway Bill, 1891 - 1892 and re agreements made with the Blyth and Tyne Railway, 1858 - 1892

Reference: [NRO 3410/For/3/38/1](#)

Creation dates: 5 - 6 April 1892

Extent and Form: pp 43 - 56, 187 - 200, 35 - 40, 157 - 185

Physical characteristics: Printed.

Scope and Content

Minutes of evidence before a select committee of the House of Lords

Reference: [NRO 3410/For/3/38/2](#)

Creation dates: 29 Oct 1891

Scope and Content

Letter from John Thorburn, Cowpen Coal Co to G.B. Forster

Reference: [NRO 3410/For/3/38/3](#)

Creation dates: 28 Oct 1891

Scope and Content

Letter from George S. Gibb to the Cambois Colliery owners

Reference: [NRO 3410/For/3/38/4](#)

Creation dates: nd

Physical characteristics: 45 x 140cm.

Scope and Content

Plan of the proposed diversion of the Cambois Colliery Railway, scale 1:2500

Reference: [NRO 3410/For/3/38/5](#)

Creation dates: nd

Extent and Form: 3 pp

Scope and Content

Notes re the proposed Cambois and North Blyth Branch

Reference: [NRO 3410/For/3/38/6](#)

Creation dates: 2 Nov 1891

Scope and Content

Letter from G.B. Forster to T.E. Forster (junior) re their attitude to the proposed N.E.R

Reference: [NRO 3410/For/3/38/7](#)

Creation dates: Nov 1891

Scope and Content

Letter from the Cambois Coal Company

Reference: [NRO 3410/For/3/38/8-9](#)

Creation dates: 1892

Extent and Form: 5 pp

Physical characteristics: Typescript

Scope and Content

Letters from G.B. Forster to Clayton and Gibson re charges for loading and shipping coal from North Seaton, Cambois and Cowpen Collieries and re a meeting with Mr Gibb re charges, 22, 27 Feb 1892

Reference: NRO 3410/For/3/38/10

Creation dates: nd

Physical characteristics: 30 x 39cm.

Scope and Content

Plan of Sleekburn Colliery showing proposed Warkworth extension, scale 6ch: 1"

Reference: NRO 3410/For/3/38/11

Creation dates: 1 July 1874

Extent and Form: 6 pp

Physical characteristics: Typescript

Scope and Content

Counterpart lease of a wayleave over the West Sleekburn Estate from Henry, Lord Ravensworth to the Blyth and Tyne Railway

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

Creation dates: 1892

Extent and Form: 9pp 2

Physical characteristics: Printed

Scope and Content

Petition by the Cowpen Coal Co against the N.E.R

Reference: NRO 3410/For/3/38/13

Creation dates: nd

Extent and Form: 9 pp

Scope and Content

Comparison of rates per ton charged by the Railway Company under an agreement made 1858 for North Seaton, Cambois and Ashington Collieries

Reference: NRO 3410/For/3/38/14

Creation dates: [1892]

Extent and Form: 4 pp

Physical characteristics: Typescript

Scope and Content

Evidence of George Baker Forster re the effects on Cowpen, Cambois, North Seaton and Ashington Collieries

Reference: NRO 3410/For/3/38/15

Creation dates: 1892

Physical characteristics: Printed.

Scope and Content

Copy of the North Eastern Railway Act, 55 and 56 Victoria pp 1 - 68

Reference: NRO 3410/For/3/38/16

Creation dates: 1892

Physical characteristics: Printed.

Scope and Content

Copy of the North Eastern Railway (Hull Docks) Act, 55 and 56 Victoria pp 1 - 14

Reference: NRO 3410/For/3/38/17

Creation dates: 1891 - 1892

Scope and Content

Account of coal sold from Cambois

Reference: NRO 3410/For/3/38/18

Creation dates: [1892]

Scope and Content

Calculations of distances from Ashington, Cambois, Cowpen, Newsham and North Seaton Collieries to the staiths

Reference: NRO 3410/For/3/38/19

Creation dates: 5 May 1866

Extent and Form: 2 copies

Scope and Content

Agreement for the transport of coal on the Blyth and Tyne Railway

Reference: NRO 3410/For/3/38/20

Creation dates: 1866 - 1869

Extent and Form: 8 letters

Scope and Content

Between G.B. Forster and Joseph Laycock (1), Joseph Fothergill (1), Griffith & Creighton (3), John Straker (1) and R.P. and H. Philipson (2)

Reference: NRO 3410/For/3/38/28

Creation dates: nd

Scope and Content

Estimated costs of the Cambois Railway branch across the River Blyth

Reference: NRO 3410/For/3/38/29

Creation dates: 1869

Extent and Form: 7 pp

Scope and Content

Agreement for the transport of coal on the Blyth and Tyne Railway

Reference: NRO 3410/For/3/38/30

Creation dates: 20 Nov 1893

Scope and Content

Newspaper cutting re the passing of the N.E.R. Act

Reference: NRO 3410/For/3/39

Raisby Hill, 1907.

Creation dates: 1903-1907

Extent and Form: 43 docs

Scope and Content

Volume containing letters and papers re the valuation of the late Mr Hall's share in Raisby Hill Quarries, 1903 - 1907

Reference: NRO 3410/For/3/39/1

Creation dates: 12 July - 15 Oct 1907

Physical characteristics: Typescript

Scope and Content

Diary of meetings held re the valuation

Reference: NRO 3410/For/3/39/2-4

Creation dates: 5 Oct - 5 Dec 1907

Extent and Form: 5 pp

Physical characteristics: Typescript

Scope and Content

3 letters from T.E. Forster to Messrs Byott and Swan containing the valuation

Reference: NRO 3410/For/3/39/5

Creation dates: (1907]

Extent and Form: 2 pp

Physical characteristics: Typescript

Scope and Content

Details of information required for the valuation

Reference: NRO 3410/For/3/39/6

Creation dates: lease dated 3 April 1903

Extent and Form: 3 pp

Physical characteristics: Typescript

Scope and Content

Abstract of a lease of limestone and quarries in the Sherburn Hospital Estate at Garmondsway

Reference: [NRO 3410/For/3/39/7](#)

Creation dates: c.1907

Physical characteristics: 45 x 45cm.

Scope and Content

Plan of area leased marking Hartlepool Junction Railway scale 10ch: 1", n.d

Reference: [NRO 3410/For/3/39/8](#)

Creation dates: 3 April 1903

Extent and Form: 25 pp

Physical characteristics: Typescript

Scope and Content

Copy lease by the Masters and Bretheren of Sherburn Hospital to William F. Hall of limestone and quarries in the Garmondsway Estate

Reference: [NRO 3410/For/3/39/9](#)

Creation dates: 27 Feb 1903

Extent and Form: 3 pp

Physical characteristics: Typescript

Scope and Content

Abstract of a lease of limestone on the Kelloe Estate from Lord Londonderry to William F. Hall

Reference: NRO 3410/For/3/39/10

Creation dates: nd. [c.1907]

Physical characteristics: 45 x 45cm.

Scope and Content

Plan of Raisby Hill limestone area, coloured to show ownership of the various farms, scale 6": 1 mile

Reference: NRO 3410/For/3/39/11-15

Creation dates: c.1907

Scope and Content

Accounts of Raisby Hill Limestone Company including balance sheets, 1906 - 1907 and summaries of sales and profits, 1902 - 1906

Reference: NRO 3410/For/3/39/16

Creation dates: c.1907

Scope and Content

Estimate of limestone remaining

Reference: NRO 3410/For/3/39/17

Creation dates: 1902 - 1907

Scope and Content

Accounts of limestone produced and sold

Reference: NRO 3410/For/3/39/18

Creation dates: c.1907

Extent and Form: 2 pp

Physical characteristics: Typescript

Scope and Content

List of royalties in the occupation of the Raisby Hill Company

Reference: NRO 3410/For/3/39/19

Creation dates: 1907

Extent and Form: 2 pp

Scope and Content

Sections of the quarry taken July 1907

Reference: NRO 3410/For/3/39/20

Creation dates: 1897 - 1907

Scope and Content

Table showing comparative depths of borings taken

Reference: NRO 3410/For/3/39/21

Creation dates: 1902 - 1907

Scope and Content

Table of limestone and dolomite produced and sold

Reference: NRO 3410/For/3/39/22

Creation dates: 1902 - 1906

Scope and Content

Account of royalty rents

Reference: NRO 3410/For/3/39/23-24

Creation dates: 16 Nov 1903

Extent and Form: 2 pp

Physical characteristics: Typescript

Scope and Content

Analysis of limestone and dolomite, sent by W.F. Keating Stock, Assay Office, Darlington

Reference: NRO 3410/For/3/39/25

Creation dates: Sept 1907

Physical characteristics: 40 x 85cm.

Scope and Content

Sketch plan of the damaged ground at Garmondsway Farm, no scale

Reference: NRO 3410/For/3/39/26

Creation dates: Aug 1907

Physical characteristics: 30 x 150cm.

Scope and Content

Section of Raisby Hill Quarry, no scale

Reference: NRO 3410/For/3/39/27

Creation dates: Aug 1907

Physical characteristics: 42 x 150cm.

Scope and Content

Plan and section of Raisby Hill Quarry marking haulage engine, waggon shops, limekilns and railways, scale 60': 1"

Reference: NRO 3410/For/3/39/28

Creation dates: nd. [1907]

Physical characteristics: 30 x 60cm.

Scope and Content

Sketch plan of areas for future work, scale 1: 2500

Reference: NRO 3410/For/3/39/29

Creation dates: c.1907

Physical characteristics: 30 x 90cm.

Scope and Content

Part of O.S. 25" plan of Raisby Hill Quarry boundaries coloured marking ?
boreholes

Reference: NRO 3410/For/3/39/30

Creation dates: 12 Sept 1907

Extent and Form: 3pp. and 6pp.

Physical characteristics: Typescript

Scope and Content

Reports re Raisby Hill Quarry including sections, description of workings and surface processes, output and costs, by Mr Allison, T.E. Forster and F.W. Wright

Reference: NRO 3410/For/3/39/31-32

Creation dates: 1 Oct 1907

Extent and Form: 3 pp

Scope and Content

Notes re a meeting with Mr Allison and calculations re the valuation

Reference: NRO 3410/For/3/39/33

Creation dates: Sept - Oct 1907

Extent and Form: 11 letters

Scope and Content

Between T.E. Forster, junior, and T.S. Allison (2) and Ryott and Swan (9)