

9 Year LEASE for the WORKING of
WEST DENTON COLLIERY by George BAKER
to Robert LISLE and James & William ROW
– 22^d. November 1790

Bud-93

ALSO – Coal Acc. 1791-1801, Engine Notes for Various Pits,
Notes on Yard Coal Seam and Estimate on costs of Working it.

7	[Bud-93] Bud / 93 0a West Denton Colliery: Colliery: Entered to view it Mayday 1796
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	[Bud-93] [1] 23 ^d . Nov ^r . 1790. Lease of a Colliery at West Denton in the County of Northumberland for Nine Years Commencing 22 ^d : November 1790. George Baker Esq ^r : to Rob ^t : Lisle Esq ^r ; & o ^{rs} .
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This Indenture made the twenty-third Day of November in the thirty first Year of the Reign of our Sovereign Lord George the third by the Grace of God of Great Britain France and Ireland King Defender of the Faith and so forth and in the Year of our Lord One Thousand seven Hundred and ninety Between George Lessor George Baker Esq. Baker of Elemore House in the County of Lessees. Durham Esquire Devisee named in the last Rob. Lisle Esq. Will and Testament of John Baker late of Will^m. Row the Town and County of Newcastle upon Tyne James Row Esquire deceased of the one Part and Robert Lisle of the said Town and County of Newcastle upon Tyne Esquire William Row of the same

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Town and County Gentleman and James Row of the same place Gentleman of the other Part Witnesseth That for and in Consideration of a Surrender made by the said Robert Lisle William Row James Row & John Mitchinson of a Lease heretofore granted to them by the said George Baker of the Collieries Coalmines Wayleaves Liberties Privileges and Premises hereinafter granted and demised And for and in Consideration of the yearly and other Rents and Sums of Money herein-

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Hath demised granted and to farm letten and by these Presents doth demise grant and to farm let unto the said Robert Lisle William Row and James Row their Exors Admors and Asigns All those Collieries Coalmines Seam and Seams of Coal as well opened as not opened situate lying and being within and under or which can shall or may be had sought digged won wrought obtained and gotten within forth and out of all and every or any of his the said George Bakers Lands and Grounds at

after reserved and of the Covenants and Agreements hereinafter contained on the Part and behalf of the said Robert Lisle William Row and James Row their Exors Admors and Asigns to be paid done and performed and for divers other good Causes and Considerations thereunto moving He the said George Baker

West Denton in the County of Northumberland with full and free Liberty Power and Authority to and for the said Robert Lisle, William Row and James Row their Exors Admors and Asigns to dig sink rid win work and make Pit and Pits Trench and Trenches Grove and Groves Staple and Staples and to drive Drift and Drifts and to make Watergates and Water Courses as well for the Winning Working Obtaining and Getting of

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[in pencil ^] hereby demised ^
Lessees to have 9 Cottages.

Coals forth and out of the said Collieries and Coalmines ^ as for the avoiding and carrying off of Water Foul-Air or Styth with full and sufficient Ground Room Heap Room and Pit Room for the laying and placing all such Coals Syones Gravel Earth Metal Rubbish and other Refuse as shall from Time to Time proceed be gotten or come forth and out of the said Collieries and Coalmines or in the Winning and working thereof And also all those Nine Cottage Houses situate at Denton aforesaid now in the Possession or Occupation of the said Robert Lysle, William Row and James Row as Tenants thereof And also all that Staith or Trunk upon the River Tyne now in the Possession of the said Robert Lisle, William Row and James Row And also sufficient and convenient Way-Leave Liberty and Passage to and for them the said Robert Lysle William Row and James Row their Exors Admors and Asigns and

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their Agents Servants and Workmen from Time to Time and at all Times during the Continuance of this present Demise to take lead and carry away with Horses Carts Wains Waggon or any other Carriages whatsoever all and every or any of the Coals to be won wrought and gotten forth and out of the said Collieries and Coalmines hereby demised the nearest and most convenient Way or Ways to or towards the said Staith or to or towards any other Staith upon the River Tyne aforesaid or for Landsale so as the said Robert Lisle William Row and James Row do use more than one Waggon Way at the same Time and so as they do not lead or convey or permit or suffer to be led along the said Way or Ways or any of them or any Part thereof the Coals of any other Colliery whatsoever and so as that no Waggon Way together with the Side Way or Bye Way do exceed Four Yards in Breadth including the Gutters except in Deans or Hollow

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[8] Places where Necessity may require a greater Breadth Together also will full and free Liberty to lead and convey along the said Way or Ways or any of them all Materials and Implements whatsoever necessary for the said Collieries and Staith but not for the Use of any Colliery or Staith belonging to any other Person or for any other Use whatsoever Together also with full and free Liberty Power and Authority to and for the said Robert Lisle William Row & James Row their Exors Admors and Asigns or their or any of their Servants and Workmen at any Time or Times during the Continuance of the Demise to enter upon all and singular the Lands and Grounds of the said George Baker at West Denton afoesaid and to break the Soil and Ground thereof and to lay and place thereon One or more main Waggon Way or Waggon Ways and Bye Way or Side Ways Branch and Branches

[Bud-93] [9] and to make and to erect all such Bridges Batteries Mounts and Cutts in through over along the same as shall be needful or requisite for the leading and conveying of Coals from all and every or any of the Pit or Pits of the said Collieries or Coalmines hereby demised, and for that Purpose to fix lay and place in and upon the said Lands and Grounds Rails Sleepers Timber Iron and all other Materials whatsoever requisite or necessary for the Erecting Making or Laying of such Waggon Way and Waggon Ways Branch and Branches and – other Ways Bridges and Mounts and from Time to Time to Amend and Repair the said Waggon Way or Bye Way Branch and Branches Bridges and Mounts or other Way and ^<or> Ways as often as Need shall require And also full and free Liberty Power and Authority to dig and get Earth Stones and Rubbish in the most convenient Place or Places of or in the Lands Grounds or Wastes of West Denton aforesaid (so always as the same be taken with as little Damage to the Soil as may be)

[10] for the making and levelling the said Waggon Way and Ways Branch and Branches and other Way or Ways and for the making erecting and ^<or> repairing any Bridge or Bridges Mounts Batteries or other Erections or Buildings ne-

[Bud-93] [11] be needful and convenient for the Workmen Work-horses, Work-Geer or Utensils to be used or employed in or about the Winning Working Managing and Carrying on of the said Collieries and Coalmines or for the obtain-

cessary or convenient to be made or erected for in or about the managing and carrying or of the said[<]collieries[>]Coalmines and to lead and carry to and lay upon the Premises all Materials – whatsoever requisite or necessary to be made Use of in the carrying on the said Collieries and Coalmines and to employ Workmen and Work Horses with full and free Liberty Power and Authority to make place and build or cause to be made placed erected and built in and upon the said Lands and Grounds of him the said George Baker at West Denton aforesaid or any Part thereof all such Houses, Hovels, Lodges, Sheds Stables Mills Ginns Fire Engines or other Engines whatsoever as shall from Time to Time

Lessees to have the Old Engine House.

ing and getting of Coals forth or out of the same and the Drawing and Conveying Water thereout and to do all and every other Matter and Thing needful or requisite to be done in or about the Winning Working Obtaining and Getting of Coals forth and out of the said Collieries and Coalmines and the Leading and Conveying away thereof from the same And also all that Old Engine House situate at Bells Close in the said County of Northumberland And also full and free Liberty and Authority to and for the said Robert Lisle William Row and James Row their Exors Admors at their own Costs and Charges to erect and build at the West End of

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the Quay belonging to the said George Baker upon the River Tyne a Spout for conveying Coals into the Keels or Lighters and to lay and place Waggon Ways over the Lands and Grounds of the said George Baker to the same (Except and always reserved out of this present Demise unto the said George Baker and to the Person or Persons who for the Time being shall be intitled under the Will of the said John Baker deceased full and free Liberty Power and Authority to demise and grant Way Leave and Passage to any other Person[<]or Persons[>] whomsoever for any other Colliery or Collieries whatsoever in through over and along the Lands and Grounds

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or laid by the said Robert Lisle William Row and James Row or any of them their or any of their Exors Admors and Asigns by Virtue of these Presents so as the same be with as little Prejudice as may be to such Waggon Way & Side Way or By Way or other Way or Ways to be made laid and used by the said Robert Lisle William Row and James Row their Exors Admors or Asigns by Virtue of these Powers and Authorities hereby granted and demised And also except and always reserved forth and out of this Demise unto the said George Baker and the Person or Persons who for the Time being shall be intitled to the

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<p>of him the said George Baker at West Denton aforesaid with Liberty to lay and place and Use any other Waggon Way or Waggon Ways Side Way or Side Ways Main Ways Cart Ways or any other Ways and to lay the same across any Waggon Way or Waggon Ways Side Ways or Branches made</p>	<p>Lands of ^<at> West Denton aforesaid and his her or their Tenants Farmers and Occupiers of Lands at West Denton aforesaid full and free Liberty with Cattle Carts and Carriages with Implements of Husbandry or any other Materials necessary</p>
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<p>[14]</p> <p>for the Management or Cultivation of the said Lands and with all Materials for Building or Repairing the Farm Houses thereupon to pass over or along so much and such Parts of the said Waggon Ways as shall be absolutely necessary for the Communication with the different Fields of the Grounds through which the said Waggon Ways shall be laid so as in the passing-over or along the same they do not obstruct or hinder the said Robert Lisle William Row and James Row their Exors Admors or Asigns or their Waggons Carts or Carriages Agents or Workmen To have and to hold the said Collieries and Coalmines Seam and Seams of Coal and all and singular other Liberties Privileges and Premisses above herein and hereby granted and demised or mentioned or intended so to be and every Part and Parcel thereof (Except before excepted) with their and every of their Appertenances unto the said Robert Lisle William Row</p> <p>Term From Nov. 22^d. 1790 for 9 years.</p>	<p>[Bud-93]</p> <p>[15]</p> <p>and James Row their Exors Admors and Asigns from the Day next before the Day of the Date hereof for and during and to the full End & Term of Nine Years from thenceforth next ensuing and fully to be compleat and ended Yielding and paying therefore yearly and every ear during the said Term of Nine Years unto the said George Baker and his Atsns during so many Years of the said Term as he shall live and from and after his Death unto the Person or Persons who shall for the Time being be intitles as aforesaid the clear Rent or Sum of two Hundred and eighty Pounds of lawful Money of Great Britain for four Hundred Tens of Coals to be yearly wrought and gotten forth and out of the said Collieries and ^<or> Coalmines and led and conveyed to any Staith or Staiths reckoning or accounting four hundred and forty Bolls to a Ten each Boll containing Thirty-six Gallons Winchester Measure or twenty-two Waggons</p> <p>Certain Rent 280 £. for 400 Tens.</p>
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Rent 14^s. / 0^d.
P. Ten on the
Surplus Leads.

to a ten each Waggon containing twenty Bolls such Measure as aforesaid The said certain annual Rent of two Hundred and eighty Pounds to be paid at four Days or Times in the Year (that is to say) the Thirteenth Day of February the Twelfth Day of May the Twelfth Day of August and the Twenty-second Day of November in every Year by even and equal Portions (whether the said Quantity of Coals for which the same is reserved be wrought and led or not wrought and led) The first Payment thereof to begin and be made on the Thirteenth Day of February next ensuing the Date of these Presents And also yielding and paying unto the said George Baker and his Assigns during so many Years of the said Term as he shall live and after his Decease unto the Person or Persons who shall be intitled as aforesaid during the Residue of the said Term over and above the said certain Rent of two hundred and eighty Pounds the

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further Rent of fourteen Shillings for Ten for each and every Ten of Coals (such Measure as aforesaid) which over and above the Quantity of Four hundred Tens of Coals (such Measure as aforesaid) shall in any one Year of the said Term be wrought and gotten forth and out of the said Collieries and Coalmines and led or conveyed to any Staith or Staiths and so in Proportion for a less Quantity than the Term the said further Rent of fourteen Shillings per Ten for every Ten of such Coals exceeding the yearly Quantity of four hundred Tens to be paid at or upon the twenty second Day of November in every Year by so much thereof as the Number or Quantity of Tens of Coals won wrought gotten and led as aforesaid shall in each preceding Year amount unto over and above and exceeding the said yearly Quantity of four Hundred Tens And also yielding and Paying unto the said George Baker and his Assigns during so many

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Further Rent of
12^s. / 0^d. P. Ten
for Landsale

Years of the said Term of Nine Years as he shall live and after his Decease unto the Person or Persons who for the Time being shall be intitled as aforesaid during the Residue of the said Term of Nine Years the further Rent or Sum of Twelve Shillings per Ten of the lawful Money for every Ten of Coals which shall be wrought

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clear of all Taxes Rates and Assessments – Parliamentary or Parochial and all other Deductions whatsoever Provided always nevertheless And it is mutually covenanted and agreed by and between the said George Baker Robert Lisle William Row and James Row for themselves severally and respectively

Coals. and gotten forth and out of the said Collieries or Coalmines and sold therefrom for Landsale reckoning and [^]or accounting fifty-five Fothers to a Ten each of the said Fothers to contain eight Bolls The said additional Rent to be paid yearly and every Year at or upon the said hereinbefore mentioned quarterly Days by so much as the Number or Quantity of Tens of Coals won – wrought got and sold by Landsale shall in each preceding Quarter of the Year amount unto and so in Proportion for a less Quantity than a Ten All which said several Rents Sum and Sums of Money and Payments as well certain as eventual shall be made and paid free and

and for their several and respective Heirs Exors and Admors That if the said Robert Lisle William Row and James Row their Exors or Admors in any one Year or Years during the Term hereby demised shall not win work and get forth and out of the Collieries and Coalmines hereby demised and lead and convey to their Staith or Staiths the full yearly Quantity of four Hundred Tens of Coals such Measure as aforesaid for which the said certain yearly Rent of two Hundred and eighty Pounds is herein before reserved it shall and may be lawful to and for them the said Robert Lisle William Row and James Row their Exors

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Admors and Asigns (in order to make up and supply such Deficiency) in any following Year of the said Term to win and work lead and carry away from forth and out of the said Collieries and Coalmines to any Staith or Staiths so many and such Quantity of Tens of Coals (such Measure as aforesaid) as in any preceding Year shall have been wrought and led short of and less than the Yearly Quantity of Four Hundred Tens of Coals and that without paying any additional Rent or Sum of Money for the same it – being intended and hereby declared and agreed that the said Robert Lisle William Row and James Row their Exors Admors & Asigns shall and may yearly and every Year or one

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of any preceding Year in any following Year of the said Term But it is not hereby intended that the Over Workings or Leadings in any preceding Year or Years shall come in Aid of or Supply the Deficiency or Short Workings or Leadings in any Year or Years following Provided also that if it shall happen that the said several and respective Rents and Sums of Money hereby reserved or any of them or Part of them or any of them shall happen to be behind or unpaid by the Space of forty Days next over or after any of the said Days whereon the same ought to be paid as aforesaid Then and in such Case and so often as it shall I so happen it shall and may be Lawful to and for the said George Baker and

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Year with another during the said Term win work get lead and carry away to the Staiths the full Quantity of four hundred Tens of Coals if they can work and lead the short Coals

his Atsns or the Person or Persons to whom such Arrears shall be due into and upon the said demised Premises and the Pit and Pits

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Waggon way and Waggon Ways or any other Way or Ways belonging to or used with the said Collieries and Coalmines to enter and destrain all and every or any of the Coals that shall be there found And also all Horses Carts Wains Waggons or other Carriages there used and employed in or about the said Collieries or Coalmines or the leading conveying or carrying of Coals Wood Iron Stone or any other Materials or Things to or from the same or any Part of the said demised Premised and the Distress and Distresses then and there found to take lead carry away sell and dispose of until the said Rent or Rents Sum and Sums of Money so in Arrears and unpaid as aforesaid together with the Costs and Charges of such – Distress and Sale be fully paid and Satisfied rendering the Overplus (if any there be) to the said Robert Lisle William Row and James Row their Exors Admors And also in such Case it shall and may be lawful to and for the said

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Lessees may give up on Failure of Mine; or Drowning with Water; or troubled with Styth, &c. so that they cannot work 400 Tens annually wth. one Fire Engine. 6 Months' Notice.

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George Baker or his Atsns or Person or Persons entitled as aforesaid into and upon the said Collieries and Coalmines and other the Premises hereby demised or into or upon any Part thereof in the Name of the whole to re-enter and the same to have again repossess and re-enjoy as in his and their first and former Estate any Thing herein contained to the contrary thereof notwithstanding – – **Provided also** and it is hereby further covenanted declared and agreed upon by and between the said Parties to these Presents that if at any Time or Times during the Continuance of this Present Demise there shall be a Failure of the Mine in the Collieries and Coalmines hereby demised or that they shall be drowned with Water or otherwise troubled with Fire that they the said Robert Lisle William Row and James Row their Exors Admors or Asigns cannot work annually by Means of One Fire Engine four

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Hundred Tens of merchantable Coals that then and in such Case if the said Robert Lisle William Row and James Row their Exors Admors or Asigns shall be amended or desirous to determine the Term hereby demised at the End of any Year of the Term hereby demised and of such their Mind or Desire shall or do give or leave Six calendar Months previous Notice in Writing under their Hands for the said George Baker or his Atsns or the Person or Persons then intituled as aforesaid at his or their most usual Place of abode then and in such Case and upon such Notice being given or left as aforesaid and upon Payment of all Rent and Arrears of Rent Sum and Sums of Money which shall be then due and owing by or from the said Robert Lisle William Row and James Row their Exors Admors or Asigns for or in Respect of the Premises hereby

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demised and on Performance of all and every the Covenants Provisoos Reservations Matters and Things herein contained on the Part of the said Robert Lisle William Row and James Row their Exors Admors or Asigns to be done and performed the Term hereby demised and these Presents and every Clause Matter and Thing herein contained shall at the Expiration of six Months after the delivery of such Notice as aforesaid cease determine and be utterly void and of none Effect any Thing herein contained to the contrary in anywhere notwithstanding And the said Robert Lisle William Row and James Row for themselves jointly and severally and for their joint and several Heirs Exors and Admors do hereby covenant promise and agree to and with the said George Baker his Heirs and Atsns by these Presents in Manner following

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(that is to say) that they that the said Robert Lisle William Row and James Row their Exors and Admors shall and will from Time to Time and at all Times during the Continuance of this present Demise well – and truly pay or cause to be paid unto the said George Baker or his Atsns or unto –

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To work the Colliery in a fair &c. Manner.

To leave the Shafts in good

Same fairly and orderly and according to the best and most approved Method of Working Collieries upon the River Tyne and according to the Directions of the said George Baker or the Person for the Time being intituled as aforesaid or his or their Viewer or Agent for the Time being And also shall and will from Time to Time and at all Times

<p>the Person or Persons who for the Time being shall be intitled as aforesaid the several and respective Rents or Sums of Money herein and hereby reserved and agreed to be paid at and upon the several Days and Times and in the Manner and form herein before mentioned and expressed of and concerning the same And also that they the said Robert Lisle William Row and James Row their Exors and Admors shall and will during the Continuance of the said Term hereby demised use their best and utmost Endeavours for the effectual Winning Working Managing and Carrying on the said Collieries and Coalmines and shall and will work the</p> <p>Lessees to use best Endeavour to work the Colliery.</p>	<p>Repair, as also the Water Levels. during the said Term maintain uphold and keep open and good Repair and Condition all the Pits or Shafts and also all the Water Levels Drifts Water Gates and Water Courses made or sunk or hereafter to be made or sunk in the said Colliery or any Part thereof and in such good Repair and Condition shall and will yield and deliver up the same at the End or other sooner Determination of the Term hereby demised and also shall and will leave a Barrier of Ten Yards in Thickness in the Low-main Coal between the Water-level-Drifts on both Sides thereof and the other Workings and also a like Barrier against all old Workings – And also shall and will at all Times during</p> <p>Barrier of 10 Yards next old Workings & Water-Level in the Low-main Coal. -----</p>
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<p>[28]</p> <p>this Demise carry the said Water-level Drifts at least forty Yards before any of the other Workings and drive the said Drifts true Waterlevel and leave them clear open and upstanding at the End or other sooner Determination of this Demise And also shall and will be Working the Pillars leave a Barrier of Ten Yards of whole Coal next adjoining the Water-level Drifts on both Sides thereof whole entire and perfect and in Case they shall happen to hole into any old Waste in the Low-main Coal shall and will effectually secure the same by a Frame-Dam or otherwise so as to prevent any Damage to the said Colliery by Water or Stythn And also that they the said Robert Lisle William Row</p>	<p>[Bud-93] [29]</p> <p>whereby or by Reason or Means whereof the said Collieries and Coalmines hereby demised maybe drowned or overburthened by Water or Styth from any Waste of the said Colliery or of or from any other neighbouring Colliery or Collieries or whereby any Thrust or other Injury may happen to the same or any Part thereof And also shall not make or wittingly or willingly suffer to be made or driven any Out-Strokes or any Water Courses or Watergates in or through the said Collieries or any Part thereof for the Benefit Use or Advantage of any other Colliery or Collieries whatsoever without the Leave and Consent of the said George Baker or the Person or Persons intitled for the Time</p> <p>Lessees not to make Out-Strokes without Leave of Lessor.</p>
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and James Row their Exors or Admors shall not nor will at any Time or Times during the said Term by themselves or by their Servants Agents or Workmen do or commit or wittingly or willingly permit or suffer to be done or committed any Act Matter or Thing whatsoever

being in Writing for that Purpose first had and obtained **And Further** that they the said Robert Lisle William Row and James Row their Exors Admors or Assigns shall not nor will at any Time during the Continuance of this

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Demise permit or suffer any Person or Persons whomsoever to lead Coals Cinders or any other Matter or Thing from any other Collieries or Coalmines whatsoever along the said Waggon Ways hereby demised or any Part thereof – And if the said Robert Lisle William Row and James Row their Exors Admors or Assigns shall permit or suffer any Coals or Cinders or other Thing to be led down the said Ways as aforesaid or any Part thereof from any other Collieries or Coalmines That then and in such Case they the said Robert Lisle William Row and James Row shall and will pay or cause to be paid unto the said George Baker or his Assigns during the Life and after his Decease to the Person or Persons who for the Time being shall be intitled as aforesaid the Sum of Two Shillings and sixpence for every Waggon Wain Cart or other Carriage so passing along the said Ways as aforesaid or any Part thereof from any other Colliery or Coalmines as aforesaid the same to

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be paid on the Twenty second Day of November next after such Leading as aforesaid **And also** that it shall and may be lawful [^]<to and> for the said George Baker and the Person or Persons who for the Time being shall be intitled as aforesaid at all Times during the said Term to appoint and employ such Person or Persons as he or they shall think fit for the Taking and keeping the Account or Accounts of all such Coals as shall from Time to Time during the said Term be won wrought or gotten out of or from the said demised Premises – **And also** that they the said Robert Lisle William Row and James Row their Exors and Admors shall and will Monthly during the Continuance of this Demise or at any other Times or Period if thereunto requested produce and shew unto the said George Baker or his Assigns or to the Person or Persons intitled for the Time being as aforesaid or to his or their Steward or

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Agent for the Time being the several and respective Books and Bills of Presentments which shall from Time to Time be kept – given or presented of the several Numbers and Quantities of Tens of Coals from Time to Time to be wrought had gotten and laid above Ground or to be led carried away and delivered from the Pit or Pits of or belonging to the said Collieries or Coalmines And also Monthly or at any other Times or Period if thereunto requested give and deliver unto the said George Baker or the Person or Persons for the Time being intituled as aforesaid or his or their Asigns or to his or their Steward or Agent for the Time being true Copies of all such Bills of Presentment as shall from Time to Time during the said Term be made or given by the Overmen or Staithmen of all Coals from Time to Time be wrought or gotten or led forth and out of the said Collieries and Coalmines

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the said several Bills Copies and Accounts of Working Leading and Delivering to be signed subscribed and verified on Oath if required by the proper Person or Persons making and keeping such Bills Books and Accounts so that thereby the Working Leading and Delivering of the several Quantities of Coals wrought and gotten forth and out of the said Collieries and Coalmines may easily be discovered known and ascertained And further that once in every Year (that is to say) on the Twenty-second Day of November in every Year of the said Term hereby demised they the said Robert Lisle William Row and James Row their Exors and Admors shall and will deliver or cause to be delivered to the said George baker or the Person or Persons intituled for the Time being as aforesaid or to his ^<her> or their Steward

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or Agent for the Time being a just and true Account of all Coals wrought and led from the said Colliery (Except Drift and Danty-Coals) up to the Time of delivering the same And further that it shall and may be lawful to and for the said George Baker the Person or Persons in-

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to and for the said George Baker or the Person or Persons intituled for the Time being as aforesaid to seize take and keep such Waggons carts or Carriages so carrying over-measure until they shall be reduced to a proper size by them the said Robert Lisle William Row and James Row their Exors

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intituled for the Time being as aforesaid or his or her or their Agent for the Time being when and so often as he she or They shall think proper to measure and guage all or any of the Waggons Carts Wains or other Carriages to be used or employed in the Leading or conveying Coals from the said Collieries and Coalmines the better to be informed of the just Size and Guage thereof And in Case any of the said Waggons Carts or Carriages shall be found to carry more Coals than they ought That then and in such Case it shall and may be lawful

Admors or Asigns And then also all such Waggons carts or Carriages so found to carry over-measure shall be considered and reckon- ed to have carried such over-measure for the Space of one Month then next preceding and shall be paid for accordingly unless there shall have been an Admeasurement within the Space of one Month in which Case they shall be reckoned to heve carried such over- measure from the Time of the last Admeasurement only And further to the End that the

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said George Baker and the Person and Persons intituled for the Time being as aforesaid may be the better satisfied of the fair and regular Working of the said Collieries and Coalmines it shall and may be lawful to and for the said George Baker and Person or Persons so intituled as aforesaid or his or their Viewer or Viewers or other Person or Persons to be by him her or them employed or appointed at any Time or Times during the Continuance of this Demise at his and their Wills and Pleasures to descend into all and every or any of the Pits and Shafts ~~now~~ made or Sunk or hereafter to be made ~~and~~^<or> sunk in the Lands and Grounds aforesaid by the said Robert Lisle William Row and James Row their Exors or Admors during the said Term or into any adjacent Colliery or Collieries which

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or any of the Ropes Rollers Gins and Engines and all other Materials which shall belong to or be used ~~and~~^<or> employed in and about the said Colliery or any Ropes Rollers Gins and all other Materials of their own and shall and may have the Help and Assistance of the Workmen and Servants to be employed in the said Colliery or of such other Persons as he or they shall think fit to view inspect and survey the Workings thereof to be the better informed of the due and regular Course of Working the same and to line measure and use such other Methods as they shall think fit to discover the Truth and Certainty of the several Quantities of Coals from Time to Time to be wrought and gotten forth and out of the same and by the same Ways Means and Assistance to ascend

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they now have or during the said Term shall have take and enjoy in any contiguous or adjacent Grounds and to use in so doing all and every

out of the said Pits and[^]<or> Shafts when they shall

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think proper and convenient And also that they the said Robert Lisle William Row and James Row their Exors Admors or Asigns shall and will at the End expiration or other sooner Determination of the Term hereby demised yield and deliver up to the said George Baker or the Person or Persons intitled for the Time being as aforesaid the quiet and peaceable Possession of the said Collieries and Coalmines and of all other the Premises hereby demised together with the Engine House and all the Pits and also the Water Level Drifts Water Courses and Watergates in the Low-Main Coal Seam, of and belonging to the same in good Repair Order and Condition and clear open and upstanding And further that they the said Robert Lisle William Row and James Row their Exors and Admors at their own proper Costs and Charges within three Months next after they shall desist or leave Working any Pit or Pits in the said

[Bud-93]

[39]

Grounds shall and will fill up the same with Earth and Rubbish (save and except all Water Level Pits and the Rise Coal Pit next the Whole-mine, and save and except such of the said Pits and Shafts as shall by the said George Baker or the Person or Persons intitled for the Time being be deemed necessary and thought fit to be kept open for the then or future Conveniency or Advantage of the said Colliery and Coalmines for Air and after Workings or otherwise and shall then and forthwith make sufficient Times about the same And also that in such Part of the Lands and Grounds of him the said George Baker at West Denton aforesaid where the Walls Hedges or Fences shall be broke or laid open by the levelling laying or using of any Waggon Way or Waggon Ways Cart or Main-

[40]

Ways By Ways or Branches or other Carriages Way or Ways in through over or along the said Lands and Grounds they the said Robert

[Bud-93]

[41]

Default of Repairing maintaining keeping shut and locking the said Gates or Rails – And also shall and will from Time to

Lisle William Row and James Row their Exors Admors or Asigns or some of them shall and will at their proper Costs and Charges immediately after such Walls Hedges or Fences are broke set fix place and maintain good and sufficient Gates or Rails and Stoops and provide Locks for the same and employ the Tenant or Farmer of the Lands and Grounds where such Gates or Rails are placed to keep the same (provided such Tenant or Farmer will keep the same as well and at as low a Price by the Week or otherwise or others) and to take Care as much as may be that no Damage be done to him the said George baker or other Person or Persons intitled as aforesaid or any of his her or their Tenants or Farmers by Horses or other Cattle trespassing through Neglect or

Time during the said Term within one Month After they shall be thereunto requested Pay or make sufficient Recompence or Satisfaction for all such Damages as shall happen by such Trespasses as aforesaid And also shall and will Yearly and every Year and from Time to Time during the said Term bear pay and discharge all and all manner of Taxes Cesses or other Impositions whatsoever which during the said Term shall be laid or imposed upon the said demised Premises or any Part thereof And also shall and will at the End or other sooner Determination of the said Term if the said George Baker or the Person or Persons intitled as aforesaid shall require the same leave upon the Lands and Grounds of the said Colliery the Waggon Ways Branches Timber Deals Iron Waggons Gins Ropes Rollers and other Utensils

[42]

Implements and Materials of or belonging to the said Colliery to and for the proper Use and Behool of the said George Baker or the Person or Persons entitled as aforesaid He the said George Baker or the Person or Persons intitled as aforesaid paying or allowing to the said Robert Lisle William Row and James Row their Exors or Admors so much Money as the same shall be valued at by two indifferent Persons the one to be nominated by the said George baker or the Person or Persons intitled as aforesaid and the other by the said Robert

[Bud-93]

Lisle William Row and James Row shall be Tenants of a certain Farm at West Denton aforesaid belonging to the said George Baker hereinafter covenanted to be demised to the said Robert Lisle William Row and James Row their Executors and Admors make use of any of the Houses upon the said demised Premises or any Houses to be hereafter[^]<to be> erected thereupon or upon any other Premises belonging to the said George Baker as a Public-house or Ale House and shall not and will not make Use of any House upon any other Premises as a Public

[43]

Lisle William Row and James Row their Exors or Admors And further that they the said Robert Lisle William Row and James Row their Exors Admors and Asigns shall not nor will during so long Time and such part of the said Term as John Anderson or any other Person or Persons other than and except the said Robert

House or Ale House within the Distance of one Quarter of a Mile from the said Colliery without the Leave or Licence of the said George Baker or the Person or Persons for the Time being intituled as aforesaid first had and obtained in Writing for that Purpose And the said

[44]

George Baker doth hereby for himself his Heirs and Atsns covenant promise grant and agree to and with the said Robert Lisle Will^m. Row and James Row their Exors Admors and Asigns in Manner and Form following (that is to say) That it shall and may be lawful to and for the said Lisle William Row and James Row their Exors Admors & Asigns they paying the several and respective Rent and Rents and Sum and Sums of Money hereby and herein reserved and agreed to bepaid and performing the several Covenants and Agreements herein on their and every of their Parts to be done and performed from Time to Time and at all Times during the Continuance of this present Demise peaceably and quietly to have hold use occupy and enjoy the said Colliery and Coalmines Wayleaves and all and singular the Liberties Powers Privileges and

[Bud-93]

Premises above herein and hereby granted and demised or mentioned or intended so to be with their and every of their Appertenances without the lawful Let Suit Trouble Molestation Interruption Eviction or Disturbance of his the said George Baker his Heirs or Atsns or of any other Person or Persons whomsoever lawfully claiming or to claim by from or under him them or any of them And further that it shall and may be lawful to and for the said Robert Lisle William Row and James Row their Exors Admors and Asigns They have paid the several Rents and performed the several Covenants Provisoes and Agreements hereinabove reserved and contained and on their Parts and Behalvs to be paid done and performed and not otherwise at any Time or Times within the Space of Twelve calendar Months next after the End or other sooner Determination of this Demise to

[45]

[46]

[Bud-93]

[47]

take lead and carry away the said Waggon Ways and other Ways and lay upon the Staith hereby demised (till delivered within six Months) all the Coals which at the End or other sooner Determination of this Demise shall be ready wrought and laid above Ground at all or any of the Pit or Pits Shaft or Shafts of or belonging unto the said hereby demised Premises And for that Purpose to amend and repair the said Ways as Occasion shall require And also within the same Space of Time to take lead and carry away (in Case the said George baker or the Person or Persons intituled for the Time being as aforesaid shall refuse to purchase the same and not otherwise) the Gins Engines Ropes Rollers and other Materials of and belonging to the said Colliery And also the Rails Sleepers and other Materials of the Waggon Way then remaining upon the hereby demised Premises And also

Leeses to be allowed Drift, Small or Unmerchanted Coals left at the old Pits for the Engine and Pitmen.

that it shall and may be lawful to and for the said Robert Lisle William Row and James Row their Exors Admors and Asigns to take and use such Quantities of the Drift or small Coals left at the old Pits and deemed unmerchanted without Paying any Rent for the same as shall be yearly spent and ~~and~~ ^{^<or>} consumed in the Fire Engine or Fire Engines already erected and built or hereafter to be erected or built for the Use of the said hereby demised Colliery and Coalmines and also all such Drifts or small Coals as aforesaid as the Pitmen employed in the hereby demised Colliery and Coalmines shall burn and consume in their respective Dwelling-houses But if they the said Robert Lisle William Row and James Row their Exors Admors or Asigns shall take ~~and~~ ^{^<or>} use any other Coals for the Engine or Engines

[48]

or the Pitmens Fire Coal (save and except such Drifts or small Coals as aforesaid) then the same to be paid for the said Robert Lisle William Row and James Row their Exors Admors and Asigns as if sold by Sea-Sale And the said George Baker doth hereby for himself his Heirs Exors and Admors further covenant promise and agree to and with the said Robert Lisle William Row &

[Bud-93]

Exors Admors or Asigns upon the Surrender of the present or any subsequent Lease of the said Collieries Coalmines Way Leaves and Premises hereby demised Demise and Grant to them the said Robert Lisle William Row and James Row a new Lease of the said Premises for any Term or Number of Years not exceeding Nine Years in Possession and not in Reversion at the same Rent and subject

[49]

James Row their Executors and Admors –
That he the said George Baker and his Atsns
shall and will at all Time in his Lifetime
during the said Term of Nine Years or any
subsequent Term of Nine Years be granted
by him and as often as he shall be thereunto
requested by them the said Robert Lisle Willi^m.
Row and James Row their Exors and Admors
but at the Cost and Charges of the said Robert
Lisle William Row and James Row their

to the same Covenants Conditions & Agreements
as are herein reserved and contained Provided
such renewed Term or Terms of Years so to be
granted as aforesaid shall not in the whole
exceed twenty-one Years to be computed from
the twenty-second Day of November in the
Year of Our Lord One Thousand seven hundred
and eighty-five And they the said Robert
Lisle William Row and James Row for –

[50]

themselves jointly and severally and for their
joint and several Heirs Exors and Admors
do hereby further covenant promise and agree
to and with the said George Baker his heirs
and Atsns that they the said Robert Lisle
William Row and James Row their Exors
Admors and Assigns shall and will yearly and
every Year well and truly pay or cause to be
paid to the said George Baker and his Assigns
during so long Time of the Term hereby demised
as he shall live and afterwards during the Resi-
due of the said Term to the Person or Persons
intituled as aforesaid for the Spoil of Ground to
be occasioned by the Working the said Colliery or
by the Making of Waggon or other Ways the
Sum of three Pounds per Acre and so in Propor-
tion for a less Quantity than an Acre such Pay-
ment to begin and be made from the Time of
breaking or Spoiling the Ground and to be paid on

[Bud-93]

Payment of the said certain Rent and to con-
tinue to be paid until the Ground so dama-
ged and Spoiled shall be rendered fit for
Husbandry And Further that they
the said Robert Lisle William Row and
James Row their Exors and Admors shall
and will leave all the Grounds of the said
demised Premises (Except such Part thereof
as shall be requested by the said George
Baker his Heirs or Assigns to be left for
Waggonways or otherwise for the Use of
the said Colliery) fit and proper for Hus-
bandry And the said George Baker for
himself his Heirs Exors Admors and Assigns
doth further covenant promise and agree to
and with the said Robert Lisle William Row
and James Row their Exors Admors and
Assigns in Manner following (that is to say)

[51]

the Days and Times herein before mentioned for

[52]

That in Case the said Robert Lisle William Row and James Row their Exors or Admors shall be desirous to take a Lease of all or any Part of his the said George Bakers x Messuages Lands Tenements and Hereditam^{ts}. situate at West Denton aforesaid he the said George Baker or his Atsns shall and will on the Expiration of the subsisting Leases there of (in Case he shall then be living) Grant Demise and Let the same to the said Robert Lisle William Row and James Row their Exors Admors and Atsns for such Term of Years not exceeding Nine Years in Possession as they the said George Baker – Robert Lisle William Row and James Row shall agree upon at the same Rent and Rents and under and Subject to the same Covenants Conditions and Agreements as the present Tenants or Occupiers hold and possess the same

[Bud-93]

[53]

In Witness whereof the said Parties to these Presents have hereunto interchangeably set their Hands and Seals the Day and Year first within written

George Baker. Rob^t. Lisle James Row

Signed Sealed and Delivered
(being first duly Stamped)
in the Presence of
Rob^t. Rayne.

[54]

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[55]

1st. Years Acc^t: to and with Nov. 22 : 1791.

Led from Nov : 22^d: 1790 to and with
Nov : 22 : 1791: — 8690 Chaldrons,
which reduced to Tens of 440 Bolls are =

Tens	Bolls
474	0

	Annual Quantity for which the certain Rent of 280 £. is paid ——— deduct ———	400	0
	Surplus Leadings - - - - -	74	0
	Due from George Baker Esq ^r : to the Lessees for short Workings P. last Years Acc ^t :	Tens 250	Bolls 192
	Deduct surplus Workings this Year as above - - -	74	—
	Short Coals due to Lessees - - -	176	192
[Bud-93]			

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2^d. Years Acc^t: to and with Nov. 29th : 92.

	Tens	Bolls
Led from Nov: 22 : 1791, to and with Nov: 29 : 1792: — 9800 } Caldrons, which reduced to Tens of 440 Bolls amount to Annual Quantity for which the certain Rent of 280 £. is reserved — deduct	534	240
Surplus Leadings	400	—
	134	240
Due from George Baker Esq ^r . To the Lessees for short Leadings as P. last Acc ^t : }	176	192
Surplus Leadings this Year as above - - - - -	134	240
Short Coals still due to the Lessees - - - -	41	392

[57]

3^d. Years Acc^t: to and with Dec^r. 31 : 1793.

Workings.

N ^o . Bills	Yarmouth		Arundel		N ^o . Bills	Yarmouth		Arundel	
Forward	scores	Cor.	scores	Cor.	Forward	scores	Cor.	scores	Cor.
						1672	10	1526	2
1	102	—	125	—	14	118	10	121	—
2	150	17	197	10	15	85	1	132	10
3	90	12	247	—	16	111	17	144	10
4	122	17	142	5	17	105	10	190	—
5	154	9	164	—	18	89	—	151	—
6	105	—	177	—	19	89	12	144	10
7	105	—	121	—	20	107	—	188	3
8	124	—	137	—	21	80	2	164	6
9	113	—	122	—	22	120	3	164	2
10	80	5	93	7	23	140	14	184	2
11	160	10	—	—	24	133	—	184	—
12	185	—	—	—	25	192	17	277	26

[Bud-93]				13	179	—	—	—		3045	6	3571	7
				Forw ^d :	1672	10	1526	2				3045	6
											Total	6616	13

[58]	3^d. Years Acc^t: — 1793.			
Scores Cor.	Tens	Bolls	Tens.	Bolls.
6616 .. 13 of Coals wrought with a 16 Peck Corf, equals 264666 Bolls, which at 440 Bolls P. Ten, equals Led to the Staith 10,031 Chas. equals in 440 Boll Tens Coals dawn to Bank at the Arundel Pit by a Machine 1161 Scores.. 15 Corves at 14 Bolls for every 23 Scores & 440 d ^o . P. Ten equals Small Coals led to Engines, Runs, and Fire Coals 938 Chaldrons = Leadings Short of Workings —	—	—	601	226
	547	64		
	1	267		
	51	72	599	403
			1	263
[Bud-93]				

[59]	continued.			
Coals wrought and led from West Denton Colliery, viz:	Tens	Bolls		
From Nov: 22 ^d : 1792 to and with Dec: 31 st : 1792 — 1210 Chaldrons	66	—		
From Dec ^r : 31 : 1792 to and with Dec: 31 st : 1793 — 10,031 Chaldrons	547	64		
Consumed by the Machine - - - - -	1	267		
Sum	614	331		
Deduct the reserved annual Quantity for which the certain Rent is Paid - - - - -	400	—		
Surplus Leadings this Year - - - - - Rem ^r :	214	331		
Shorts due to Lessees — P. last Years Acc ^t :	41	392		
Surplus now due - - - - -	172	379		
Tens Bolls	s	d	£	S d
172 .. 379 of Surplus Leadings at 14 / 0 P. - - - - 121 .. 0 .. 0.				

[60]	[Bud-93]	4th. Years Acc^t: ending Dec^r. 31 : 1794.	
Led from Dec ^r : 31 : 1793 to and with Dec: 31 st : 1794 — 8271 Chaldrons — equal Fire Coal sold to the Country	Tens	Bolls	
	451	64	
	1	88	

[61]	5th. Years Acc^t: ending Dec^r. 31 : 1795.	
Led from Dec ^r : 31 : 1794 to and with Dec: 31st: 1794 — 7580 Chaldrons - - - Fire Coal sold to the County	Tens	Bolls
	413	200
	1	360

Consumption by the Machine on Drawing xx Cor. 5421 .. 3 at 14 Bolls for every 23 Score	}	7	219
		459	371
Deduct the annual Quantity for which the certain Rent is reserved	}	400	
Surplus Leadings		59	371
Tens Bolls 59 .. 371 of Surplus Coals — at 14 / 0 P. - 41 .. 17 .. 9½.		£	S d

Consumption by a Machine on 5191 .. 18 at the Rate of 14 Bolls for every 23 Sco.	}	7	80
		422	200
Deduct the annual Quantity for which the reserve Rent of 280 £. is paid	}	400	
Surplus Leadings		22	200
Tens Bolls 22 .. 200 of Surplus Coals — at 14 / 0 P. - 15 .. 14 .. 4.		£	S d

62 N ^o . Bills	Wrought at the Arundel Pit		Total Leadings to Staith	Led from Sessex to Arundel.		Led from Bog - Pit. -		Total Wro ^t and led from the old Pits to working D ^o		Led to Engine		Led to Workmen		Heap Fires		Lamps Underg ^d .		Consumed by Machines		Landsale Coals.		63 Total.				
	Scores	Corves	Chaldrons.	Cha.	Bolls	Cha.	Bolls	Cha.	Bolls	Cha.	Bolls	Cha.	Bolls	Cha.	B ^s .	Cha.	Bolls	Cha.	Bolls	—	—	—	—			
1	32	—	35	—	—	—	—	—	53	10	52	—	2	—	2	—	3	—	—	19½	—	16	95	11½		
2	223	1	297	—	—	—	—	—	272	12	64	—	1	8	4	12	3	—	5	16½	—	—	376	12½		
3	240	10	357	—	—	—	—	—	401	8	63	—	1	16	3	23	3	—	6	3½	—	—	436	10½		
4	251	16	368	26	—	—	—	—	445	10	56	—	4	16	3	23	3	—	6	10	—	16	442	17		
5	189	3	291	56	2	—	—	—	371	8	58	—	5	—	4	10	3	—	4	19	—	16	366	21		
6	244	18	375	56	—	—	—	—	464	4	77	—	—	16	5	8	3	8	6	6	—	4	468	18		
7	226	1	317	28	12	—	—	—	405	6	68	—	6	16	3	8	3	8	5	17	1	8	404	9		
8	234	3	355	42	18	—	—	—	433	—	61	—	1	—	3	17½	3	8	5	22½	—	—	430	0		
9	234	7	312	4	10	—	—	—	395	—	58	—	4	—	3	—	3	1	5	23	1	—	387	0		
10	209	3	260	—	—	—	—	—	348	14	55	—	2	—	2	—	3	1	5	7	1	16	329	0		
11	210	5	194	10	—	—	—	—	360	10	52	—	—	8	2	12	3	—	5	8	—	8	257	12		
12	210	—	238	10	—	—	—	—	360	—	55	—	7	16	2	12	3	—	5	8	1	8	312	20		
13	189	—	295	20	—	—	—	—	335	—	65	—	2	16	2	12	3	—	4	19	—	16	373	15		
14	178	5	229	—	—	—	—	—	297	2	58	—	5	10	2	12	3	—	4	12	—	—	302	10		
15	180	3	242	—	—	—	—	—	300	6	60	—	—	8	2	12	3	—	4	13	—	—	313	1		
16	220	—	297	—	—	—	—	—	366	16	52	—	2	8	2	12	3	—	5	14	—	16	363	2		
	3273	8	4462 [Bud-93]	253	18	—	—	—	5709	10			954	—	47	5½	51	5½	49	2	83	2	—	12	5659	15½

[64] 6 th . Years Acc ^t : ending Dec ^r . 31 st : 1796.											Cha ^s : [65] 48 Resting at the Arundel Pit, Christmas 1795.													
N ^o . Bills	Wrought at the Arundel Pit		Leadings from Arundel.	Led from Sussex to Arundel.		Led from Bog Pit to D ^o :		Total Wrought and old Heaps led to Arundel Pit.			Led to Engine		Led to Workmen		Heap Fires	Lamps Underg ^d	Consumed by Machines		Landsale Coals.		Total			
	Scores	Corves	Chaldrons.	Cha.	Bolls	Cha.	Bolls	Cha.	Bolls	—	Cha.	B.	Cha.	Bolls	Cha.	B.	Cha.	B.	Cha.	B.	Cha.	B.		
B ^t :over	3273	8	4462	253	18	—	—	5709	10	—	954	—	47	18	51 5½	49 2	83	2	12	12	5659	15½		
17	218	—	408	—	—	—	—	363	8	—	53	—	1	8	2 12	3	—	5	10	—	16	473	22	
18	185	7	279	—	—	8	—	316	22	—	45	—	1	—	2	—	3	—	4	16	—	16	335	8
19	211	13	355	8	6	56	—	417	—	—	62	—	—	16	2 12	3	—	5	9	—	—	428	13	
20	197	—	290	—	—	28	—	356	8	—	58	—	2	8	2 12	3	—	5	—	1	8	362	4	
21	203	9	283	—	—	6	—	345	2	—	57	—	1	—	2 12	3	—	5	1	—	16	352	5	
22	196	12	266	—	—	—	—	327	16	—	53	—	4	—	2 12	3	—	5	—	2	16	336	4	
23	218	—	301	—	—	—	—	363	8	—	55	—	2	16	2 12	3	—	5	13	10	—	370	17	
24	230	7	296	—	—	—	—	383	22	—	57	—	2	16	2 12	3	—	5	20	16	16	368	16	
25	256	4	285	—	—	—	—	427	—	—	55	—	4	8	2 12	3	—	6	10	9	8	356	14	
26	173	6	228	—	—	—	—	288	20	—	51	—	4	—	2	—	3	4	15½	—	8	292	23½	
Tot.	6363	6	7452	262	0	98	0	9298	20	—	1500	0	71	18	75 5½	79 2	136	0½	22	20	9336	22		

[Bud-93]

[66] 6 Years' Markings-out, 1796.					[67] 6 th . Year's Acc ^t : ending Dec ^r . 31 st : 1796.						
Wrought out of the Low-Seam at the Arundel Pit, with a 16 Peck Scores Cor.			Cha.	Bolls	Cha.	Bolls	Led to the Staith from Dec. 31 st : 1795 } to and with Dec. 31 st : 1795 ----- }			Tens	Bolls
Corf — 5363 .. 6 — Equal to ----- } Small Coals led this Year, viz:			8938	20			7452 Chaldrons -----			406	208
							Sold to Landsale 22 Cha : 20 Bolls -----			1	108
							Consumed by the Machine 136 Cha ^s . ---			7	184

From Bogg Pit - - - -	98	—			Total	415	60	
— Super D ^o : - - - -	262	—	9298	20		Deduct the Quantity for which the certain annual Rent of 280 £. is p ^d . }	400	—
Led to Staith in 1796 - - - - -	7452	—			Surplus		15	60
D ^o : to Engine - - - d ^o . - - - - -	1500	—			Tens Bolls	£.	s.	d.
D ^o : to Workmen - d ^o . - - - - -	71	18			Surplus Leadings, &c. 15 .. 60 ——— at 14 ^s . / 0 ^d . P.	10	11	10¾
D ^o : Consumed by Heap Fires - - -	75	5½						
D ^o : ——— by Air Furnaces - - -	79	2						
D ^o : ——— by the Machine - - -	136	0½						
Sold to Landsale - - - - -	22	20						
			9336	22				
Workings exceed Leadings this Year - - -	- - - -	- - -	38	2				
Resting Coals at Christmas 1796 - - -	86	—						
D ^o : ——— at D ^o : - - - - 1795 - - -	48	—						
Increase of Resting Coals			38	—				
Workings have over run the Leadings	- - - -	- - -	76	2				
[Bud-93]								

[68]

7th. Year's Acc^t: ending Dec^r. 31st : 1797.

Led to the Staith, from Dec. 31 st : 1796	}	Tens	Bolls	
to and with Dec. 31 st : -1797 - 10652 Cha: - -		581	8	
Sold as Landsale in the same Time - - - -		1	280	
Consumed by the Machines drawing	}			
coals, in the same Time ———		8	183	
Total £.		591	31	
Deduct the Quantity for which the	}			
certain annual Rent of 280 £. is paid		400	—	
Remains the Surplus Leadings - - - -		191	31	
Tens Bolls				
Surplus Leadings, &c. 191 .. 31 ——— at 14 ^s . / 0 ^d . P.		133	14	11¾

[69]

8th. Year's Acc^t: ending Dec^r. 31st : 1798.

Leadings from Dec. 31 st : 1797, to and w th .	}	Tens	Bolls	
Dec. 31 st : 1798 - 11416 Chaldrons, —		622	304	
Equal to				
Landsale Coals, sold during said Time - - - -		- - -	160	
Consumed by the Machines drawing d ^o . viz:	}			
8244 Scores at 14 Bolls for every 23 Score		11	178	
Total		634	202	
Certain annual Quantity		400	—	
Surplus		234	202	
£.		s.	d.	

[Bud-93]					Surplus Leadings (over the 400 Tens certain annual Quantity) being 234 Tens 202 Bolls — at 14 ^s . 0 ^d .	164	2	5
----------	--	--	--	--	---	-----	---	---

[70]	7th. Year's Acc^t: ending Dec^r. 31st : 1799.		
	Tens	Bolls	
Led to the Staith, from Dec. 1 st : 1798 to and with Dec. 31 st : -1799, in all 8086 Chaldrons = -----	441	24	}
Consumed by the Machines drawg. the Coals, at 14 Bolls for 23 Scores	8	64	
Total - - -	449	88	}
Deduct the Leadings for the certain Rent - - - - -	400	—	
Remains the Surplus Leadings - -	49	88	
Tens Bolls £.	s.	d.	
Rent on 49 .. 88, surplus at 14 ^s . / 0 ^d . P.	34	8	9 ^¾
[Bud-93]			

[71]	1st. Years Acc^t: (new Agree^t.) endg. Dec. 31st : 1800.		
	Tens	Bolls	
Led to the Staith, from Dec. 31 st : 1799 to and with Dec. 31: 1800; 11242 Chaldrons equal to -----	613	88	}
Consumed by the Machines, on draw- Scores Cor.	10	263	
Total	623	351	}
Deduct the Leadings for the certain Rent	4004	—	
Remains the Surplus Leadings - -	223	351	
Tens Bolls £.	s.	d.	
Rent on 223 .. 351 sur: Lead: at 14 ^s . / -	156	13	2

[72]	2^d: Years' Acc^t: (New Lease)		
	scores	Cor.	
Wrought on the Yarmouth Pit - - - - -	2016	5	}
Arundel d ^o : - - - - -	2615	15	
Total	4632	0	}
Led from the Yarmouth Pit - - - - -	2923	Cha ^s .	

[73]	ending Dec^r: 31 : 1801.			
	£.	s.	d.	
Due to George Baker Esq: One Years' certain Rent	280			}
Tens Bolls				
Ditto Rent on 8 .. 398 of Coals consumed in Drawing the Coals at the Yarmouth and Arundel Pits — at 14 ^s . / 0 ^d . P. Ten.	6	4	7 ^¾	

Arundel d°: -----	3514	Ditto on 24 Fothers of Fire Coal sold - - - } Accomodation Rents on 114 Tens 48 B. of Coals, led from Montague at 7 ^s . / 6 ^d . } £.			6	14
Total	6537				42	15
Sold, Fire Coal, 24 Fothers From M ^r . Montagu's Colliery called Sugley, by Outstroke from Denton, viz: Led from the Yarmouth Pit ----- Turn Rail d°: -----	Chal^s. 1657 435	329	6	6¾		
M ^r . Bakers Leadings not coming up to the certain Rent (on 400 Tens); the Acc ^t : Stands as follows, viz: [Bud-93]	2092					

[74] 3^d: Years' Acc^t: (New Lease)	ending Dec ^r : 31 : 1802. _____ [75]
[Pages Blank]	[Bud-93]

[PAGES 76 to 96 INCLUSIVE ARE BLANK]

[96] [Calculations on Blotting Paper]	[97]																								
<table style="width: 100%;"> <tr> <td style="text-align: right;">14..10</td> <td style="text-align: right;">15.17.4</td> <td></td> </tr> <tr> <td style="text-align: right;">1..16</td> <td style="text-align: right;"> <u>2.8</u></td> <td></td> </tr> <tr> <td style="text-align: right;"><u>11..4</u></td> <td style="text-align: right;">£ 16.0 .0</td> <td></td> </tr> <tr> <td style="text-align: right;">15..17..4</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">12 <u>– 8 – 1½</u></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;"> 125</td> <td style="text-align: right;">4.. 0 ..0</td> <td></td> </tr> <tr> <td style="text-align: right;"><u> 110</u></td> <td style="text-align: right;"> 10..0</td> <td></td> </tr> <tr> <td style="text-align: right;"> 15</td> <td></td> <td></td> </tr> </table>	14..10	15.17.4		1..16	<u>2.8</u>		<u>11..4</u>	£ 16.0 .0		15..17..4			12 <u>– 8 – 1½</u>			125	4.. 0 ..0		<u> 110</u>	10..0		15			<p><u>1. Engine Pit.</u></p> <p style="text-align: right;">Fath^s.</p> <p>From the Surface to the Beaumonts' Seam - - - - 19½</p> <p>From Beaumonts' Seam to Main Coal - - - - 21</p> <p>Sunk no further.</p>
14..10	15.17.4																								
1..16	<u>2.8</u>																								
<u>11..4</u>	£ 16.0 .0																								
15..17..4																									
12 <u>– 8 – 1½</u>																									
125	4.. 0 ..0																								
<u> 110</u>	10..0																								
15																									

408

34 —

1..14 —

3..4..0

2..2..0

3..4 ..0

1..18..0

5..5½

10

5

2..6

1..3

17 — 16 —

[Bud-93]

[98]

[99]

Norwich Pit.

This Pit is sunk to the **Yard Coal** about 11½ Fa^s.
below the Main Coal.

To the West from this Pit the **Main Coal** is only about
25 Inches.

[Bud-93]

[100]

[101]

Yarmouth Pit.

This Pit is sunk to the **Yard Coal** and wrought
to the North, West, and East where the Coal is found thin,
being only from 28 to 30 Inches, in that Seam.

In advancing North a Post Roof comes in, and there
is found about 1 Foot of dirty black brassy Coal next
to Thill in the Yard Coal.

[Bud-93]

[102]

[103]

Arundel Pit.

This Pit is sunk to the **Yard Coal**, Depth about 72 or **73** Fathoms, and is now (1796) working in that Seam.

This Pit is loosed in the Main Coal by Drifts and Levels.

Mem^s: concerning the Yard – Coal.

Section	{	Splint next Roof - - - - -	F. In. 0.. 2
	{	Clean Coal ———	2..10

Winnings 10 Yards – 6 Wall and Bord.
Hewing 2^s..4^d. P. Score with a 16 Peck Corf.
Winning Headways 12^d. – Walls 10^d. P. Yard.
Length of Pillars 20 Yards.
Breadth of Headway’s 7 Feet.

[Bud-93]

[104]

[105]

Sussex Pit.

This Pit is only sunk to the **Main Coal**.

[Bud-93]

[PAGES 106 to 110 INCLUSIVE ARE BLANK]

[110]

[111]

General Observations.

In the Yard Coal.

1. The Seam is about 3 Feet thick
2. The Winning 10 Yards: – Pillar 6 and Bord 4 y^{ds}.

3. Walls hold at 20 Yards.
4. Roof a soft metal Stone
5. Thill soft in some Places very hard in others.
6. The Rise of Colliery to N.w. except where Hitches and Swellies affect the same.

[Bud-93]

[PAGES 112 to 114 INCLUSIVE ARE BLANK]

[114]

1798.

[115]

Estimate of the Expencc of Working this Colliery. – Yard Coal.

	£.	s.	d.
Hewing — Per Score w th . 16 Peck Corf ———	“	2	.. 6
Putting — Average ———	“	1	.. 6
Headway's Narrow Bords, &c. ———	“	–	.. 4
Overmen, Occasional Shifts. &c. ———	“	–	.. 6
Smithwork and Wrightwork ———	“	–	.. 1½
Props, Planks, Deals, and Nails ———	“	–	.. 5½
Drawing and Ropes ———	“	1	.. 2
Corving, &c. ———	“	–	.. 3
Sledding, Odds, &c. ———	“	–	.. 3½
Setting on the Corving ———	“	–	.. 1
Agency, Wailing, &c. ———	“	–	.. 4
Contingencies, for Workmens Coals, &c. &c. } Binding Money, &c. &c. ———	}	–	.. 4½
That is Per Chaldron 4 ^s .. 9 ^d .		7	.. 11

Turn over.

[Bud-93]

[116] In the <u>Yard</u> Coal.	£.	s.	d.	[117]
Working Charge – P. Cha: -----	—	4	9	<p style="text-align: center;">£. s. d.</p> <p>Coals sold for P. Chaldron – neat ----- 10.. 5</p> <p>Charge of Working them – d^o. ——— <u>7..11</u></p> <p>Owners Profit — P. Cha: — 10.. 5</p> <p>This Colliery will bear an Increase of Rent of 6^s. / 0^d.</p> <p>Per Ten – which is about 4^d. P. Chaldron.</p>
Present Rent, and Cesses -----	—	—	10	
Keeping the Engine -----	—	1	—	
Maintaining Waggon Way & Waggons -	—	—	3	
Leading the Coals -----	—	—	9	
Staith Charges -----	—	—	4	
Cost P. Chaldron ---	—	7	11	
Suppose them to sell as below, viz:				
£. s. d.				
3 Cha ^s : at 14 ^s . / 0 ^d . P. – 2 .. 2 .. 0				
<u>1 D^o.</u> – at 6 / 0 P. – “ .. 6 .. 0				
<u>4</u>		<u>2 .. 8 .. 0</u>		
Average Selling Price P. Cha: 0 ..12 ..0				
Deduct Fittage & Owner Wages --- <u>0 .. 1 ..7</u>				
Neat ----- 0 ..10 ..5				
[Bud-93]				