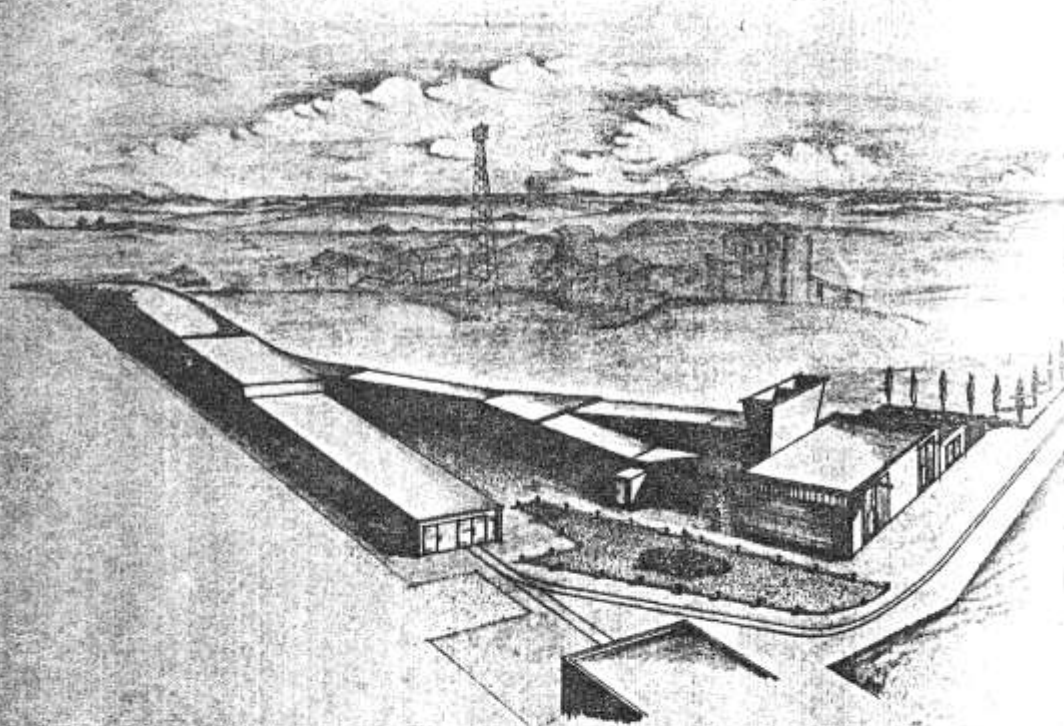


NATIONAL COAL BOARD

NORTH DERBYSHIRE AREA

ARKWRIGHT COLLIERY



No. 3 DRIFT

F O R E W O R D

B Y

Mr. R. B. Dunn, B. Eng., C. Eng., F.I.M.E.

Director, North Derbyshire Area,

National Coal Board.

Arkwright Colliery, one of the most efficient and profitable mines in Britain, can look forward to an assured and challenging future during which it will continue to produce about threequarters of a million tons of coal annually.

Everybody associated with the Colliery will welcome the drivage of the new No. 3 Drift which will ensure that the Ventilation System will be adequate to provide for the required level of output.

The demand for Arkwright's coal is strong. To maintain this position, efficiency must remain at a high level. An important aspect is to maintain good industrial relations.

It is, therefore, appropriate that Mr. Will Paynter, who was General Secretary of the National Union of Mineworkers from 1959 to 1968, should officially unveil the plaque which records the commencement of this important drivage.

I am grateful to the Contractors and to the management and men at Arkwright for their contribution to the preparatory work which has been done and I wish them every success in the future.

P R O G R A M M E

11.30 a.m.

WELCOME of Guests by Mr. A. Hird, General Manager, Arkwright Colliery.

INTRODUCTION of Mr. Will Paynter by Mr. R. B. Dunn, Area Director, North Derbyshire Area.

ADDRESS by Mr. Will Paynter, General Secretary, National Union of Mineworkers 1959 - 1968.

FORMAL CEREMONY OF UNVEILING THE PLAQUE.

VOTE OF THANKS proposed by Mr. F. Roddy, Area President, National Assoc. Colliery Overmen, Deputies & Shotfirers.

VOTE OF THANKS seconded by Mr. G. Butler, Branch Secretary, National Union of Mineworkers, Arkwright Colliery.

12.15 p.m.
to
1.30 p.m.

BUFFET LUNCHEON.

1.00 p.m.

CONDUCTED TOURS to the drift portal. Mini-buses will leave the main entrance of the marquee at intervals of 10 minutes. Safety helmets, protective coats and wellingtons are available in the mini-buses.

ARKWRIGHT COLLIERY

Arkwright Colliery is $2\frac{1}{2}$ miles east of Chesterfield close to the Chesterfield/Bolsover main road. The colliery was started in 1938 as a small drift mine producing 500 tons a day from the eastern side of the Brimington anticline along which all the North Derbyshire seams outcrop.

The colliery has been increased in size a number of times and the new drift which is now being commenced will enable the colliery to produce 3,000 tons each day.

When the colliery was opened two adits or sloping drifts each about 500 yards long at gradients varying from 1 in 2.5 to 1 in 5 were driven following the Top Hard coal seam to work a small area of coal which was too far from the larger collieries in the Markham Valley to work economically. These Arkwright colliery drifts were not far away from two adits that had been driven in 1900 and 1926 to work an area of the Deep Soft and Blackshale seams close to the outcrop at Calow. When the Arkwright adits were completed two cross measure drifts were driven to make a connection with these older Calow adits. This inter-drift connection not only enabled ventilation to be improved by using the Arkwright adits as twin air intakes and the Calow adits as twin air returns, but exposed all the reserves for inspection and eventual development.

In 1953 the 1st Waterloo seam was developed to replace the now exhausted Top Hard seam, additional men being recruited from the Bonds Main Colliery, which was closed in that year. At this stage the output had reached 1,250 tons per day and further increase was limited by the capacity of the main haulage. To increase this capacity a reorganisation was undertaken in 1955 by the installation of a 300 tons/hour capacity plate conveyor and surface bunkers to feed the extra output to the washery. In 1964, when the output was 1,500 tons per day, it became necessary to replace the plate conveyor with a belt conveyor and the opportunity was taken again to raise capacity, this time to 425 tons per hour. By 1968, it was necessary to close a number of collieries in the south of the County because of exhaustion of economically workable reserves, and Arkwright Colliery was selected for further development to make good some of the lost output. Plans were put in hand to increase the output to 3,000 tons per day. This increase in output provided extra employment and it was necessary to provide additional bathing facilities. These, together with further underground bunkering in the coal haulage system, were constructed at a total cost of £170,000.

Since 1968 the colliery has produced about 625,000 tons a year at an overall productivity of 71.1 cwts. per manshift.

As the production is increased the workings have moved farther from the surface drifts and ventilation has become more difficult.

As a temporary measure a new fan has been installed but it is clear that if the colliery is to be utilised to the fullest extent, a new source of ventilation is required to replace the Calow adits, which are now in need of very expensive routine repairs.

It is primarily for this purpose that the new surface drift, which will be 600 yards long reaching to the existing roadways in the 1st Waterloo seam, is being driven.

The drift will be connected on the surface to a fan house accommodating two fans, which will be transferred from other closed collieries. The estimated cost of these extensions is £250,000.

Production from Arkwright Colliery is currently from two faces in the 2nd Waterloo seam and one face in each of the 2nd Ell and Low Main seams. All the faces are equipped with shearer loaders and supported by powered roof supports using the latest gate-end techniques.

ARKWRIGHT COLLIERY NO. 3 DRIFT.

FORMAL CEREMONY OF UNVEILING THE PLAQUE, 7TH OCTOBER, 1972

LIST OF INVITED GUESTS.

Principal Guest:

Mr. Will Paynter, General Secretary, National Union of Mineworkers
1959 - 1968.

N.C.B. Headquarters:

Mr. W.L. Miron, C.B.E., T.D. Board Member

N.C.B. Regional:

Mr. W.J. Burton, O.B.E. Regional Marketing Director
Mr. P. Binns Regional Public Relations Officer

N.C.B. - North Derbyshire Area Headquarters:

Mr. R.B. Dunn	Area Director
Mr. D.E. Jenkins	Deputy Director (Administration)
Mr. J.H. Northard	Deputy Director (Mining)
Mr. T.W. Peters, M.B.E.	Chief Mining Engineer
Mr. J.A. Salisbury, M.C.	Staff Manager/Secretary
Mr. R. Sherlaw, M.C.	Chief Accountant
Mr. J. Hallam	Marketing Manager
Mr. B.G. Wright	Industrial Relations Officer
Mr. D. Stringer	Deputy Chief Mining Engineer (P. and S.)
Mr. A. Wheeler	Deputy Chief Mining Engineer (M.S.)
Mr. G. Godfrey	Chief Engineer
Mr. A.F. Deakin	Production Manager
Mr. L. Harris	Production Manager
Mr. M. Blythe	Electrical Engineer
Mr. A.G. Harley	Mechanical Engineer
Mr. A.B. Rossington	Civil Engineer
Mr. I.F. Kirk	Planning Engineer
Mr. N. Smedley	Chief Surveyor and Minerals Manager
Mr. C.E. Blanksby	Mechanical Technical Service
Mr. T. Nash	Ventilation Engineer
Mr. C. Hazlehurst	Safety Engineer
Mr. F.B. Skinner	Estates Manager
Mr. G.F. Crofts	Assistant Estates Manager
Dr. R. Wingfield	Medical Officer
Mr. J. Richmond	Chief Scientist
Mr. B.G. Stepney	Purchasing and Stores Manager
Mr. M. Manackerman	Coal Preparation Engineer
Mr. J.F. Smith	Deputy Staff Manager/Secretary

N.C.B. - North Derbyshire Area Headquarters (contd.)

Mr. H.D. Saywood	Mining Engineer (Special Duties)
Mr. J.D. Carter	Technical Assistant (Electrical)
Mr. G.A. Brunton	Technical Assistant (Civil)
Mr. M. White	Chief Draughtsman
Mr. W. Wakelam	Mobile Plant Engineer
Mr. J. Hancock	Area Development Manager
Mr. W. Plant	Deputy Area Electrical Engineer
Mr. R. Williamson	Deputy Area Civil Engineer
Mr. R. Watts	Deputy Purchasing and Stores Manager

N.C.B. Arkwright Colliery:

Mr. A. Hird	Colliery General Manager
Mr. D. Hotchkiss	Deputy Manager
Mr. J.H.E. Dobb	Assistant Manager (Planning)
Mr. C. Barber	Mechanical Engineer
Mr. K. Keeton	Electrical Engineer
Mr. P. Slater	Undermanager
Mr. B.A. Reynolds	Undermanager
Mr. J. Hall	Surface Superintendent
Mr. E. Blore	Coal Preparation Plant Manager
Mr. G.R. Drury	Administrative Officer
Mr. D. Smith	Surveyor
Mr. R. Mason	Storekeeper
Mr. R. Rawson	Head of Wages and Timekeeping
Mr. A. Marshall	Senior Cost Clerk
Mr. L. Wheatcroft	Head Weighman
Mrs. E. Bradshaw	Sister-in-Charge of Medical Centre
Mr. G. Parkin	Colliery Planner
Mr. P. Ward	Undermanager No. 3 Drift.
Mr. G. Evans	N.U.M. Branch President
Mr. G. Butler	N.U.M. Branch Secretary
Mr. G. Sales	N.U.M. Branch Treasurer
Mr. F. Ravey	N.U.M. Branch Delegate
J. Slack)
T. Tattersall)
R. Hargraves)
D. Gibson) N.U.M. Committee
F. Hall)
B. Hickling)
I. Dalby)
Mr. D. Hewitt	N.A.C.O.D.S. Branch President
Mr. H. Wright	N.A.C.O.D.S. Branch Secretary
Mr. N. Beresford	N.A.C.O.D.S. Delegate

E. Adams	N.A.C.O.D.S. Branch Vice President
E. Stacey	N.A.C.O.D.S. Committee
T. Wilson	N.A.C.O.D.S. Committee
A. Haywood	N.A.C.O.D.S. Committee

Mr. S. Meakin	N.U.M. (C.O.S.A.) Representative
---------------	----------------------------------

Mr. J. Paley	Coal Face
Mr. G. Booker	Coal Face
Mr. F. Webster	Coal Face
Mr. E. Yates	Coal Face
Mr. G. Herdman	Development
Mr. H. Johnson	Haulage
Mr. R. Monks	Haulage
Mr. H. Halt	Surface
Mr. A. Hardwick	Coal Preparation Plant
Mr. D. Kipling	Craftsman
Mr. J. Archer	Craftsman
Mrs. M. Applegate	Secretary, Consultative Committee

National Union of Mineworkers (Derbyshire Area):

Mr. C. Ford	Area President
Mr. R.J. Ellis	Area Vice President
Mr. H.E. Parkin	Area Secretary
Mr. P.E. Heathfield	Compensation Agent
Mr. H.W. Dilks	Area Treasurer

National Association of Colliery Overmen,
Deputies and Shotfirers (Midland Area):

Mr. F. Roddy	Area President
Mr. J. Bannister	Area Vice President
Mr. S. Evans	General Secretary
Mr. K. Moore	Treasurer
Mr. B. Cooper	Area Secretary

British Association of Colliery Management (Midland Region):

Mr. G. Amott	Chairman, North Derbyshire Branch
Mr. M.A. Fairnie	Organising Secretary

National Union of Mineworkers (Colliery Officials
and Staffs Association):

Mr. F. Wilkes	Regional Officer
---------------	------------------

Members of Parliament:

Mr. T. Swain, M.P.	Member for North East Derbyshire
Mr. D. Skinner, M.P.	Member for Bolsover
Mr. E. Varley, M.P.	Member for Chesterfield

Consumers:

Central Electricity Generating Board

Mr. D.R.R. Fair, O.B.E., B.Sc., A.K.C., C.Eng., F.Inst.P., M. Inst.F.,
Director General Midlands Region, Central Electricity Generating Board.

Mr. W.S. Young, Regional Fuel Supplies - East Midlands Region,
Central Electricity Generating Board.

British Sugar Corporation

B. Hutchinson	Chief Combustion Engineer
S.A. Tysack	Director, Stevenson Clarke Industrial Fuels Ltd.

Coalite and Chemical Products Ltd.

Mr. F.L. Waring	Chairman
Mr. E. Needham	Managing Director

Sheffield Regional Hospital Board

Mr. I.R. Tomlinson

Mapperley Coal Supplies Ltd.

Mr. G.C. Glover, Chairman - Derbyshire Coal Merchants' Association.

British Railways, Eastern Region

Mr. G. Myers, Divisional Manager, British Railways, Eastern Region

N. Atrill Ltd.

Mr. G.W. Atrill

National Westminster Bank Ltd.

Mr. D. Gaunt	Manager, Chesterfield Branch.
--------------	-------------------------------

Derbyshire County Council

Alderman J.W. Trippett	Chairman
Mr. C.D. Knight	County Planning Officer
Mr. H. Crossley	Clerk to Derbyshire County Council
Mr. H.K. Fowler, M.A.	Director of Education
Mr. P.J. Platts	Area Planning Officer, N.E. Derbyshire Area Office.

Borough of Chesterfield

Councillor J. Ford
Mr. R. A. Kennedy

His Worship the Mayor of Chesterfield
Town Clerk of Chesterfield

Chesterfield Rural District Council:

Mr. L. Ralley
Mr. H. O. Hawkins, C.B.E.

Chairman
Clerk to the Council

Sutton-cum-Duckmanton Parish Council:

Mr. A. Roach
Mr. F. Wilkes
Mr. A. Butcher

Chairman
Clerk to the Parish Council
Retired Chairman

Ministry of Trade and Industry:

Mr. D. Richards

Mr. V. J. Hugh
Mr. J. H. Smith
Mr. J. Hopkinson
Mr. J. Bennington
Mr. G. D. R. Adamson

H.M. Senior District Inspector of
Mines and Quarries.
H.M. District Inspector of Mines
H.M. Electrical Inspector of Mines
H.M. Mechanical Inspector of Mines
H.M. Inspector of Mines
H.M. Inspector of Mines

Department of Employment and Productivity:

A. E. Sorton

Manager, Chesterfield Employment
Exchange

Technical Colleges:

Mr. J. D. N. Gasson, M.A., B.Sc.
Mr. G. Liney, B.Sc., (Eng.) M.Ed.

Principal, Clowne Technical College.
Principal, Chesterfield Technical
College.

Derbyshire County and Borough Constabulary:

Chief Superintendent S. Fraser

Chesterfield Division

Contractors:

H. Camm and Co. Ltd.

Mr. J. Slater
Mr. D. Farrow

Managing Director
Site Agent

Contractors
for reinforced
concrete drift.

Explosives and Chemical Products:

Mr. J. Leach

Managing Director

Contractor for
forepoling face
of opencut.

Sheffield and District Convalescent and Hospital Services:

Captain J.F. Stanier, M.B.E.

Chairman

Rector of Sutton-cum-Ducknanton:

Rev. P.E. Harding

Press and Television:

Industrial Correspondent
News Editor
News Editor
News Editor
News Editor
Chief Reporter
News Editor
Editor
Mr. M. Weiss
Mr. J. Watkins

Sheffield Morning Telegraph
Sheffield Star
Yorkshire Television
B.B.C. Television, Leeds
B.B.C. Radio Sheffield
Derbyshire Times
Raymonds Newsagency
Colliery Guardian
Coal News
Free Lance Photographer