FOREWORD

BY

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

Director, North Derbyshire Area,

National Coal Board.

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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 three-quarters 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 Psyster, who was General Secretary of the National Union of Mineworkers from 1859 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.
PROGRAMME

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 300 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 1880 and 1895 to work an area of the Deep Soft and Blackshale seams close to the outcrop of 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 bunkerage 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 cwt.s. per manshift.

As the production is increased the workings have moved further 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 utilized 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 COLLERY 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 1939 - 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. Binas Regional Public Relations Officer

N.C.B. – North Derbyshire Area Headquarters:
Mr. R.M. Dunn Area Director
Mr. D.E. Jenkins Deputy Director (Administration)
Mr. J.H. Northam Deputy Director (Mining)
Mr. T.W. Peters, M.B.E. Chief Mining Engineer
Mr. J.A. Salisbury, M.C. Staff Manager/Secretary
Mr. R. Sheppard, M.C. Chief Accountant
Mr. J. Hallam Marketing Manager
Mr. D.C. Wright Industrial Relations Officer
Mr. D. Stringer Deputy Chief Mining Engineer (F. and S.)
Mr. A. Wheeler Deputy Chief Mining Engineer (N.B.)
Mr. G. Godfrey Chief Engineer
Mr. A.F. Dockins Production Manager
Mr. L. Harris Production Manager
Mr. M. Rhythe Electrical Engineer
Mr. A.G. Harley Mechanical Engineer
Mr. A.B. Hensington Civil Engineer
Mr. I.P. Kirk Planning Engineer
Mr. N. Smalley Chief Surveyor and Minerals Manager
Mr. C.E. Blanksby Mechanical Technical Service
Mr. T. Nash Ventilation Engineer
Mr. C. Hazlehurst Safety Engineer
Mr. F.R. Skinner Estates Manager
Mr. G.P. 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. Float  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. Dobbs  Assistant Manager (Planning)
Mr. C. Harber  Mechanical Engineer
Mr. K. Keeton  Electrical Engineer
Mr. P. Slater  Undermanager
Mr. R.A. Reynolds  Surface Superintendent
Mr. J. Hall  Coal Preparation Plant Manager
Mr. E. Blore  Administrative Officer
Mr. G.R. Drury  Surveyor
Mr. D. Smith  Storekeeper
Mr. H. Mason  Head of Wages and Timekeeping
Mr. H. Hawson  Senior Cost Clerk
Mr. A. Marshall  Head Weighman
Mrs. E. Bradshaw  Sister-in-Charge of Medical Centre
Mr. G. Parkin  Colliery Planner
Mr. F. 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. Sibley  )  )
T. Tattersall  )  )
K. Harman  )  )
D. Gibson  )  )
F. Hall  )  )
B. Hine  )  )
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
E. Stacey
T. Wilson
A. Haywood
Mr. S. Meakin
Mr. J. Paley
Mr. G. Docker
Mr. F. Webster
Mr. E. Yates
Mr. G. Hardman
Mr. H. Johnson
Mr. E. Monks
Mr. H. Halt
Mr. A. Hardwick
Mr. E. Kipling
Mr. J. Archer
Mrs. M. Applegate

N.A.C.O.D.S., Branch Vice President
N.A.C.O.D.S. Committee
N.A.C.O.D.S. Committee
N.A.C.O.D.S. Committee
N.U.M. (C.O.S.A.) Representative
Coal Face
Coal Face
Coal Face
Coal Face
Development
Haulage
Haulage
Surface
Coal Preparation Plant
Craftsman
Craftsman
Secretary, Consultative Committee

National Union of Mineworkers (Derbyshire Area):
Mr. C. Ford
Mr. R.J. Ellis
Mr. H.E. Parkin
Mr. P.E. Heathfield
Mr. H.W. Dilks
Area President
Area Vice President
Area Secretary
Compensation Agent
Area Treasurer

National Association of Colliery Overmen,
Deputies and Shotfirers (Midland Area):
Mr. F. Roddy
Mr. J. Barnister
Mr. S. Evans
Mr. E. Moore
Mr. B. Cooper
Area President
Area Vice President
General Secretary
Treasurer
Area Secretary

British Association of Colliery Management (Midland Region):
Mr. G. Amott
Mr. M.A. Fairlie
Chairman, North Derbyshire Branch
Organising Secretary

National Union of Mineworkers (Colliery Officials
and Staffs Association):
Mr. F. Wilkes
Regional Officer
Members of Parliament:
Mr. T. Swain, M.P.
Mr. D. Skinner, M.P.
Mr. E. Varley, M.P.

Member for North East Derbyshire
Member for Bolsover
Member for Chesterfield

Consumers:
Central Electricity Generating Board
Mr. D.R.R. Fair, OBE, BSc, A.K.C., C.Eng., F.Inst.P., M. Inst.I.E.,
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
S.A. Tysack

Coalite and Chemical Products Ltd.
Mr. P.L. Waring
Mr. E. Needham

Chairman
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, District Manager, British Railways, Eastern Region

N. Atrill Ltd.
Mr. G.W. Atrill

Manager, Chesterfield Branch

National Westminster Bank Ltd.
Mr. D. Gaunt

Derbyshire County Council
Chairman
Clerk to Derbyshire County Council
Director of Education
Area Planning Officer, N.E. Derbyshire Area Office.

Althorn J.W. Trippe
Mr. C.P. Knight
Mr. H. Cresay
Mr. H.K. Fowler, M.A.
Mr. P.J. Platts
Borough of Chesterfield:
Councillor J. Ford
Mr. H.A. Kennedy
His Worship the Mayor of Chesterfield
Town Clerk of Chesterfield

Chesterfield Rural District Council:
Mr. L. Railly
Mr. H.O. Hawkins, C.B.E.
Chairman
Clerk to the Council

Bitten-cum-Duckmanton Parish Council:
Mr. A. Roach
Mr. P. 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. Pennington
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. Sanson
Manager, Chesterfield Employment Exchange

Technical Colleges:
Mr. J.D.A. Gasson, M.A., B.Sc.
Mr. G. Loney, 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. Gann 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 forspelling face of opencast.

Sheffield and District Convalescent and Hospital Services:
Captain J.P. Stanier, M.B.E.
Chairman

Rector of Sutton-cum-Duckmanton:
Rev. P.E. Harding

Press and Television:
Industrial Correspondent
News Editor
News Editor
Chief Reporter
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