



115 71 248

MERIDIAN AIRMAPS LIMITED,
MARLBOROUGH ROAD,
LANCING, SUSSEX

CONTACT SCALE



1:2000



115/71.
12TH JULY 1971



STAFFORDSHIRE.

RECORD OF WELL (SHAFT OR BORE)

SK 12/10

1" N.B.
1" O.S.
Grid
Ref. B 6

59

M DARLEY OAK FARM. SK 1481 2255

Town or Village YOXALL County STAFFS. Six-inch quarter sheet 39

Exact site SEE OTHER SIDE. see 6" map } (A rough sketch or a tracing from map is very desirable)

in parish of _____

Level of ground surface above sea-level (O.D.) 400 ft. If well starts below ground surface, state how far _____ ft.

Shaft _____ ft., diameter _____ ft. Bore 18 1/2 ft. Diameter of bore: at top 9 ins.; at bottom 5 ins.

Details of permanent lining tubes (internal diameters preferred) 5" GALV TO 28 FT. BOTTOM 29 FT DRILLED. LINER CEMENTED AT 40 FT.

Water struck at depths of (feet) (64 ft. W.L. 28 ft) GAVE 150 G.P.H. WITH PUMP AT 75 FT.

Rest-level of water ^{below surface} _{above top of well} 34 feet. Suction at _____ feet. Yield on 20 hours' test

210 gallons per HR. (with pump of capacity _____ g.p.h.); depressing water level to 156 feet

below top. Time of recovery 2 hrs. Amount normally pumped daily _____ g.p.h. for _____ hours.

Quality (attach copy of analysis if available) _____

Sunk by WYATT BROS (WHIT) LD. for THE DUCHY OF LANCASTER Date of well 15.5.1944

Information from WAYLAND WORKS, WHITCHURCH, SALOP.

(For Survey use only). GEOLOGICAL CLASSIFICATION.	NATURE OF STRATA (and any additional remarks).	THICKNESS		DEPTH	
		Feet.	Inches.	Feet.	Inches.
<i>Lins?</i> Drill	CLAY, GRAVEL & SAND	14	0	14	0
	* ALABASTER	16	0	30	0
Kemper Marl	MARL	130	0	160	0
<i>See Manor Pit</i> <u>DEEPENED</u>	<u>26-6" ON 6-11-1944.</u>				
JB 3/76 Kemper Marl	MARL	16	0	176	0
	CAVITY	2	0	178	0
	MARL } <i>Tubing System Housed.</i>	4	0	182	0
	CAVITY	3	0	185	0
<i>Thin 14/5/45</i>	MARL	1	6	186	0
	Rest Level of water 80'-0"				
	12 HR TEST AT 540 G.P.H, W.L. AT				
	144'-5" W.L. ONE HR. AFTER				
	4 7/8" HOLE LAST 26-6"				
	See on Staffs 39 SCE				

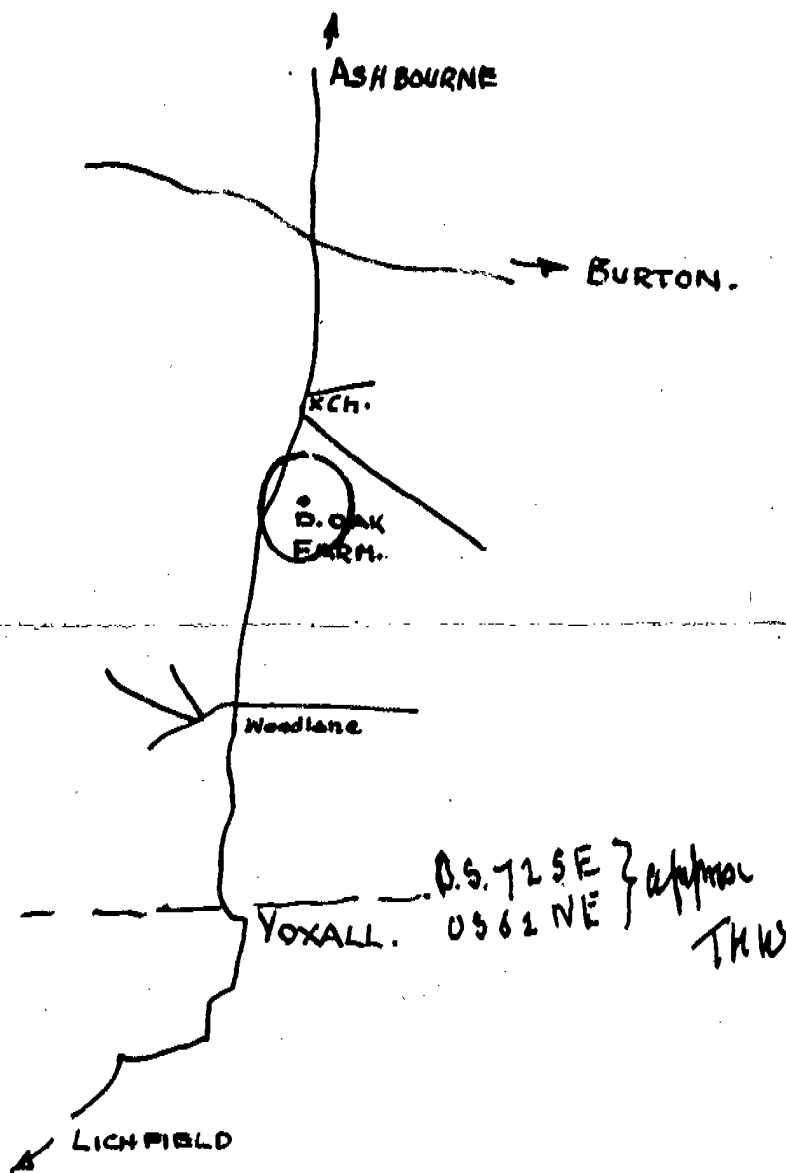
** See Correlation notes at other end of sheet
was encountered between 14 and 30 ft*

P.T.O.

GEOLOGICAL SURVEY AND MUSEUM,
SOUTH KENSINGTON,
LONDON, S.W.7.

Date Received <u>14/5/45</u>	G.S.M. Office File No. <u>W.140</u>	Site marked on map (use symbols) <u>JUN 1949</u>
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(11815) Wt. 20051/0.380 20,000 9/89
A. & E. W. Ltd. Gp. 606



140/59.
SK 12/10

SK 12 SW.
SK 1481 2255.
400 ft. O.D.

Pump still in place over top of bore.
Disused.

Water supply to bore vastly diminished since 1978.

Darley Oak Farm
Yoxall,
Barton-on-Trent,
Staffs.

Data Bank - Jun 1980

8.11.78 VC.

RECORD OF WELL (SHAFT- OR BORE)

1" N.S. **1412E**
 1" O.S. **1412E**
 Grid **5**
 Ref. **5**

SK 12 SW/2.
 N.G.R. 1481 2255

At DANFORTH ROAD, STAFFS.
 Town or Village YORKS. County STAFFS. Six-inch quarter sheet 3959
 Exact site SEE OTHER SIDE. see 6" map (A rough sketch or a tracing from map is very desirable)

in parish of _____
 Level of ground surface above sea-level (O.D.) 400 ft. ^{121.9m} If well starts below ground surface, state how far _____ ft.
 Shaft _____ ft., diameter _____ ft. Bore 18 1/2 ft. Diameter of bore: at top 9 ins.; at bottom 5 ins.

Details of permanent lining tubes (internal diameters preferred) 5" GALV TO 28 FT. BOTTOM 29 FT
DRIVEN. LINED CELESTED AT 40 FT.

Water struck at depths of (feet) (6.5 FT. W.L. 28 FT) GIVE REC. P.H. WITH PUMP 15.7.44.
 Rest-level of water below top of well _____ feet. Suction at _____ feet. Yield on 20 hours' test 20 days' test
210 gallons per 10 (with pump of capacity _____ g.p.h.); depressing water level to 156 feet below top. Time of recovery _____ hrs. Amount normally pumped daily _____ g.p.h. for _____ hours.

Quality (attach copy of analysis if available) _____
 Sunk by _____ for Mr. _____ Date of well 15.5.1944
 Information from WILKINSON ROAD, STAFFS.

(For Survey use only). GEOLOGICAL CLASSIFICATION.	NATURE OF STRATA (and any additional remarks).	THICKNESS		DEPTH	
		Feet.	Inches.	Feet.	Inches.
<u>Lim?</u> <u>Imply</u>	<u>CLAY, GRAVEL & SAND</u>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0 43m</u>
	<u>* ALABASTER</u>	<u>16</u>	<u>0</u>	<u>30</u>	<u>0</u>
	<u>LIME</u>	<u>120</u>	<u>0</u>	<u>120</u>	<u>0</u>
	<u>20" dia 6.11.1944.</u>				
<u>Keuper</u>	<u>MARL</u>	<u>16</u>	<u>0</u>	<u>176</u>	<u>0</u>
<u>Keuper</u>	<u>CAVITY</u>	<u>2</u>	<u>0</u>	<u>178</u>	<u>0</u>
	<u>MARL</u> } <u>Tutbury</u>	<u>4</u>	<u>0</u>	<u>182</u>	<u>0</u>
	<u>CAVITY</u> } <u>Sydney</u>	<u>3</u>	<u>0</u>	<u>185</u>	<u>0</u>
	<u>CAVITY</u> } <u>Horseshoe</u>	<u>3</u>	<u>0</u>	<u>188</u>	<u>0</u>
<u>Th</u> <u>14/5/45</u>	<u>MARL</u>	<u>1</u>	<u>6</u>	<u>186</u>	<u>0 567m</u>
	<u>Start level of water 80' 0"</u>				
	<u>12 hr test at 300 gals, 14.11.44</u>				
	<u>12 hr test with 200 gals later 25.11.44</u>				
	<u>4 hr test with 200 gals</u>				
	<u>See on Staffs 395CE</u>				

* N.B. See correspondence where it states that a bed of alabaster was encountered between 14 and 30 ft.

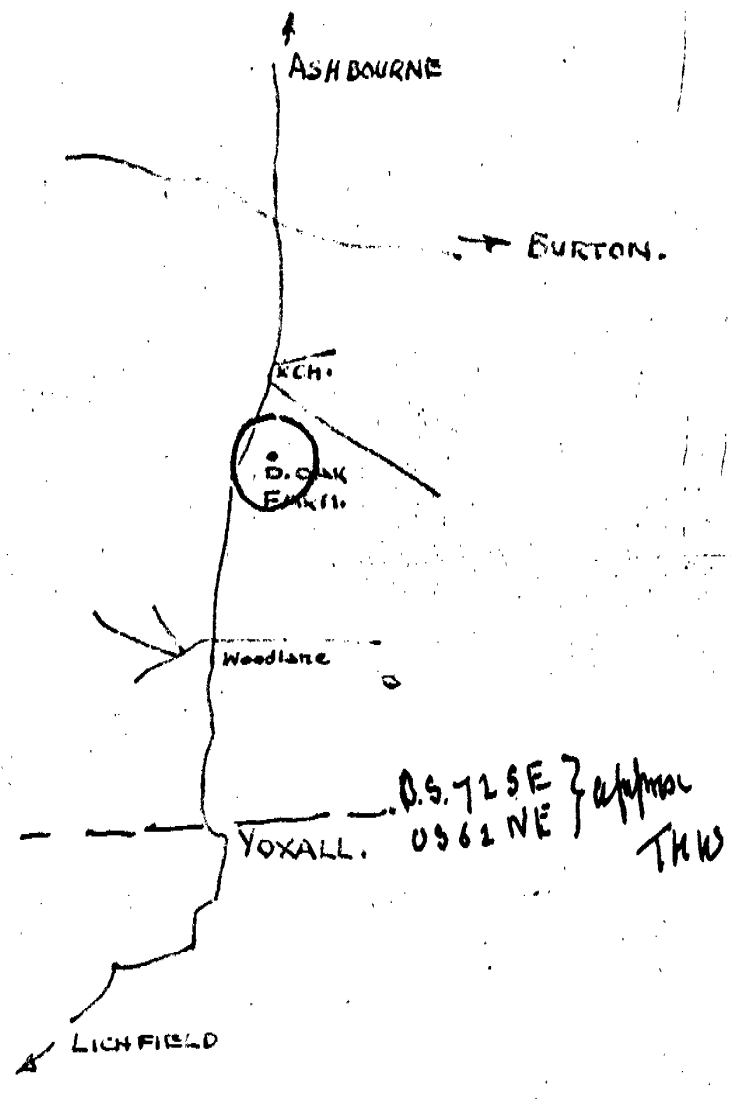
GEOLOGICAL SURVEY AND MUSEUM,
 SOUTH KENSINGTON,
 LONDON, S.W.7.

For Survey use only
 Date received 14/5/45 G.S.M. Office File No. W.140
 Site marked on 1" map (use symbol)

(*11815) Wt.20051/0.369 10,000 9/39
 A. & E.W. Ltd. Gp. 686

P.T.O.

SK12SW/2





SUMMARISED BORING LOG

BPB INDUSTRIES LTD

GROUP MIDLANDS	DISTRICT FAULD	BOREHOLE NUMBER F.306
GRID REFERENCE EAST 414 717	NORTH 322 148	
LEVELS SURFACE O.D. 115.87m	BASE OF BED 56.23m A.O.D.	
DATE COMMENCED 16.4.89	DATE COMPLETED 27.4.89	
DRILLER'S NAME T Coleman S Watson	MAP No. O.S. XXXX 1:10,000 SK 12 SW	

DESCRIPTION OF CHIPPINGS OR CORE	Thickness		Depth		DESCRIPTION OF CHIPPINGS OR CORE	Thickness		Depth	
	m	cm	m	cm					
Top soil	0	30	0	30					
Boulder clay	1	53	1	83					
Red/brown sand	1	83	3	66					
Red/brown clay with gravel	5	48	9	14					
Red/brown mudstone	45	16	54	30					
Gypsum ballstones with red/									
brown mudstone beds	1	80	56	10					
Tutbury Seam	3	54	59	64					
Chocolate brown mudstone	21	99	81	63					
Red/brown siltstone	0	53	82	16					
Grey/green fine grained									
sandstone	1	36	83	52					
Red/brown silty mudstone	1	06	84	58					
					Fissured & cavity	2	13	45	42
					Fissure at			71	63
How Sealed 10cwt OPC at base					Remarks				



Our Ref: CRT/ME-09-343
Your Ref: 209289/AL

22 December 2009

ARUP
Central Square
Forth Street
NEWCASTLE upon TYNE
NE1 3PL

Dear Sirs,

Byrkley Park, Burton upon Trent, Staffordshire

I refer to your letter of 9th December 2009 concerning a request for information relating to British Gypsum's mining activities in the vicinity of the above mentioned land.

To the best of my knowledge there has been no gypsum or anhydrite mining under the land in question. However, extensive mining operations have taken place immediately to the north of the land edged blue on your attached plan. These mining operations were carried out from the Fauld Mine between 1990 to 2000.

The minerals, gypsum and anhydrite, beneath the land are not in the ownership of the Company but the land is situated within the present planning consent area for underground mining.

The Company reserves the right to extract, at some time in the future, all of the minerals for which it has a current planning consent.

Thank you for your cheque for £28.75 (£25.00 + VAT) which is the charge made by the Company in connection with this enquiry. I shall arrange for a VAT receipt to be forwarded to you.

Yours faithfully
for British Gypsum

C R Thomas
Company Surveyor

From: Wilford, Norma
Sent: 08 January 2010 11:29
To: Alex Lowther
Subject: MC18660 - GROUNDS OF BYRKLEY LODGE
Attachments: MC18660.pdf; New Standard Commercial Notice.doc; ATT867287.txt

Good morning Alex

Thank you for your request for information for the above site.

Historic Flooding

No Record of Flooding

Following examination of our records of Historic Flooding (see explanation below) we have no record of flooding in the area. This does not mean that the area of the property / site has never flooded, only that we do not currently have records of flooding in this area.

You may also wish to contact your local authority or internal drainage board, to see if they have other relevant local flood information.

What are our records of Historic Flooding?

Our records of Historic Flooding show the extents of known flooding from rivers, the sea, and groundwater. It cannot show all the flooding that may ever have occurred – we can only show flooding where we have adequate records. So, just because an area of land is shown outside the extents of our recorded flooding does not mean it has never flooded. As more data on historic flooding comes to light, and as flood incidents occur, then we will record this where we have adequate information to do so.

[We do not hold any records of livestock burial grounds from the 1967 - 68 Foot and Mouth epidemic \(no Groundwater Authorisation required from us back then for burials\) - The State Veterinary Service may be able to help here.](#)

[I hope this information will be of use to you.](#)

Regards

Norma Wilford

External Relations Assistant

Direct Line 01543 404881

Fax 01543 444161

Email: midscentral@environment-agency.gov.uk

Click here for webpage



 **The average family wastes around a third of the food they buy.
Save money - don't over buy food this Christmas!**

**Andrew Bird, – Interim Director of Health Environment and Leisure
Health, Environment and Leisure Directorate**

Alex Lowther
Ove Arup & Partners Ltd
Central Square
Forth Street
Newcastle upon Tyne
NE1 3PL

DATE	16 DEC 2009		
JOB No.	209289/00		
PROJ.D	Amw	PROJ.M.	SCC
ACTION	FOLLOW		
RESPONSE	AL		
ACTION			
RESPONSE			
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ACTION			
RESPONSE			

Direct Line: (01283) 508848
Direct Fax: (01283) 508890
Reply to: Mr D Fountain
My Ref: DF/111209a
(please quote this reference on all correspondence with us)
Your Ref: 209289/00/AL/sh

Date: 14 December 2009

Dear Mr Lowther,

Re: Byrkely Park, Needwood. SK 165 235

In reference to your query relating to the above site, I have the following comments to make:

Historic maps indicate the presence of a small gas works in the period of the 1920s, in all likelihood used to supply the country house. It was located at NGR 416387, 323733 and may present a source of contamination.

We hold no records of landfills in or around the zone of interest. However, we do note two small areas of potentially infilled land less than 200m from the southern boundary (these were depressions which are no longer shown on present-day maps). No more data is held on these entries. We cannot confirm whether or not any such sites were used as burial sites during Foot and Mouth epidemics.

Based on the information we hold currently, ESBC does not consider the site to be one where significant harm (or significant possibility of such) is being caused due to land contamination. Similarly, we hold no evidence to suggest pollution of controlled waters is occurring.

The site in question has not been classified as 'contaminated land' as defined by Part IIA of the Environmental Protection Act 1990. Under this legislation, East Staffordshire Borough Council (ESBC) has a duty to inspect its area for Contaminated Land and ensure remediation is carried out. This process is likely to take some years, and we are currently identifying areas of land that may need detailed investigation before we can identify 'contaminated' sites as defined in the legislation. It should be noted, based on the information held at this time, that this site does not appear to be of a high priority for



detailed investigation. Should the land use change, consideration should be given to the presence of the gas works.

Note that ESBC cannot guarantee that any site in its area will not be identified as 'contaminated land' at any time in the future. Although certain types of environmental insurance policy are available, which may be appropriate to deal with possible future liabilities, I am not in a position to provide further advice on these.

It is worth noting that any planning application submitted for this site would likely be subject to conditions requiring the investigation of the ground for contamination (focusing mainly on the gas works site).

The information provided is based on records and files from varying sources and reliability. Consequently, ESBC is not able to offer any warranty as to the accuracy or completeness of the information provided, nor can it accept any liability whatsoever for any loss or damage arising from the interpretation and/or use of the information.

If you have any further queries please do not hesitate to contact me.

Yours sincerely,

Dave Fountain
Contaminated Land Officer

david.fountain@eaststaffsbc.gov.uk

