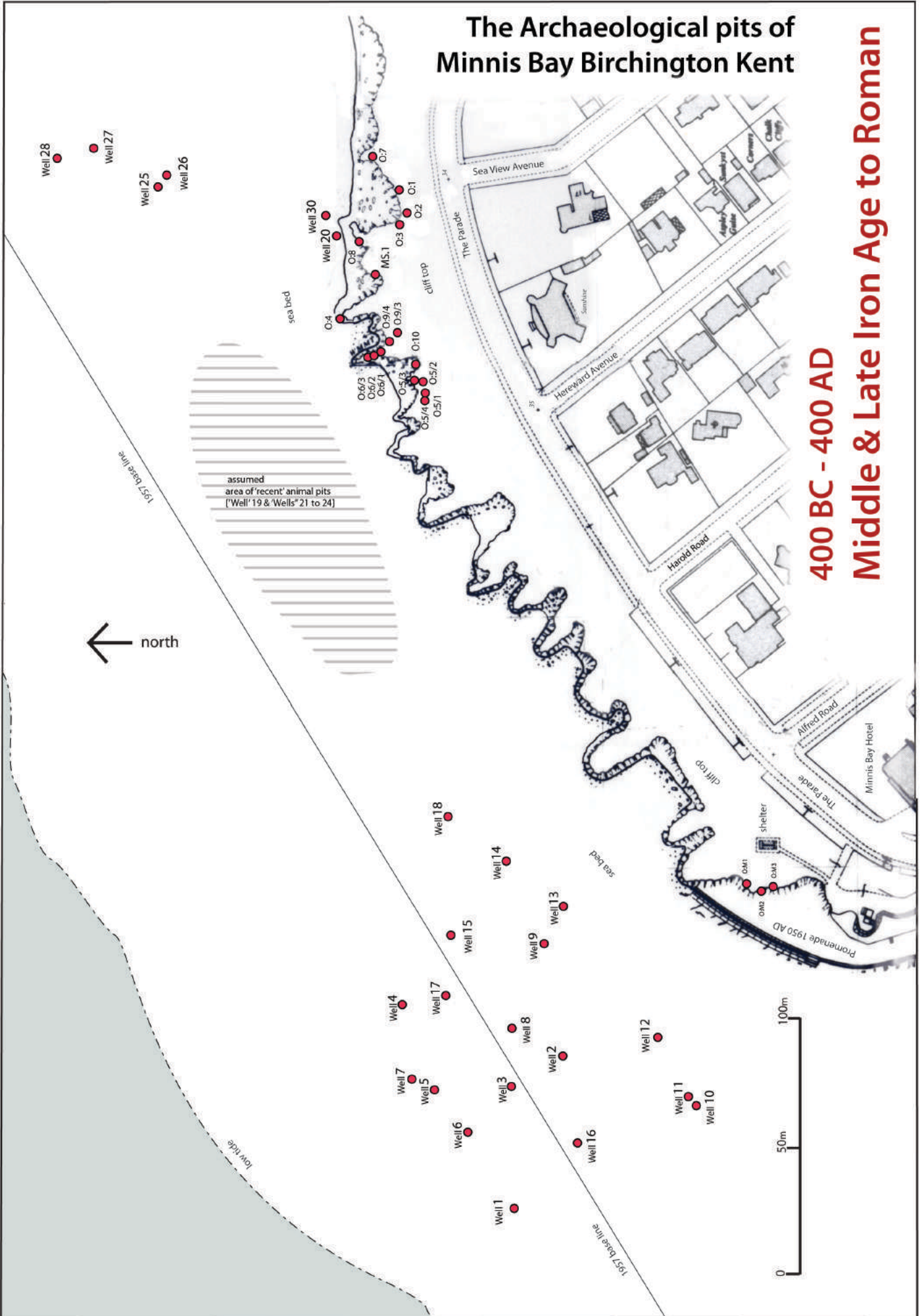


# The Archaeological pits of Minnis Bay Birchington Kent

**400 BC - 400 AD**  
**Middle & Late Iron Age to Roman**



Trevor & Vera Gibbons on behalf of The Powell-Cotton Museum  
March 2019

# **preface**

The main purpose of this document is towards creating a catalogue of the archaeological artefacts and associated notes, that are stored at the Powell Cotton Museum, Birchington, Kent.

This one covers the Middle to Late Iron Age and Roman period artefacts excavated on the foreshore and cliff top of Minnis Bay by Antoinette Powell-Cotton, and is a continuation of the previous document "Bronze Age & Early Iron age".

<i>Middle Iron Age</i>	<i>MIA</i>	<i>400 - 200 BC</i>
<i>Mid to Late Iron Age</i>	<i>MLIA</i>	<i>200 - 50 BC</i>
<i>Late Iron Age</i>	<i>LIA</i>	<i>50 BC - 50 AD</i>
<i>Early Roman</i>	<i>ER</i>	<i>50 - 150 AD</i>
<i>Mid Roman</i>	<i>MR</i>	<i>150 - 250 AD</i>
<i>Late Roman</i>	<i>LR</i>	<i>250 - 400 AD</i>

To provide a fuller understanding we have aimed to put this information in the context of the occupation and the subsequent archaeology of Minnis Bay, Kent. The majority of these pits/well shaft bases being on the foreshore were only accessible at low tide. The remainder of the group on the cliff top being adjacent pits some were well heads that became rubbish pits.

To assist in understanding the archaeological progression of the sites, we have subdivided this document into the following sections:

	<b>introduction</b>	<b>page 2</b>
<b>Section 1</b>	<b>The 1938 Jimmy Beck holes 1 to 8</b>	<b>page 3</b>
<b>Section 2</b>	<b>Pits &amp; Artefacts of LIA shaft bases Well 9 to Well19</b>	<b>page 21</b>
<b>Section 3</b>	<b>Pits &amp; Artefacts of LIA shaft bases Well20 to Well29</b>	<b>page 47</b>
<b>Section 4</b>	<b>Well30 LIA 'Belgic' shaft base &amp; Artefacts</b>	<b>page 59</b>
<b>Section 5</b>	<b>Cliff top pits &amp; examples of the artefacts.</b>	<b>page 69</b>

We wish to thank the following experts for their guidance and encouragement to produce what we hope will enable archaeologists and the general public to understand and have access to the PCM treasures.

Inbal Livne, Head of Collections PCM  
Hazel Basford, Archivist PCM  
Nigel Macpherson-Grant [N.M-G] & Paul Hart for adding credence to our entries.

Finally, we must again state our appreciation to Antoinette P-C [A.P-C'Tony'] who introduced us in 1965 to her enthusiasm for the archaeology of Minnis Bay. We are delighted to have returned as volunteers to use our background knowledge of how Antoinette worked and our ability to decipher her writing that has uncovered some amazing facts.

*Vera & Trevor Gibbons 2019*

# introduction

## Late Iron Age Belgic Wells [& associated pits] on the foreshore of Minnis Bay, Birchington.

Prior to the 14 year old school boy James Beck discovering his famous Bronze Hoard in 1938, in April of that year he found a series of 8 holes sunk in the chalk on the foreshore of Minnis Bay, Birchington, and covered at high tide. Six of the eight holes were circular, or nearly so, and measured 2 ft. 10 in. to 4 ft. 3 in. in diameter, and 10 in. to 3 ft. 8 in. in depth. Another was 2 ft. 3 in. square and the remaining one oblong 8 ft. by 2 ft. 6 in. and 1 ft. deep.

They contained 1 unbroken millstone-like slab 38 in. across by 4 1/2 in. thick, with a central hole, 4 1/2 in. in dia., half of the upper stone of a quem 13 in. in dia. and 3 1/2 in. thick and fragments of others, one complete New Forest type two-handled jug with flowing decoration in slip on shoulder and bulge, 2 other pots almost perfect, numerous pot sherds including 2 pieces of Samian ware, and miscellaneous material. In the explorations of these holes Beck received much help from Miss Antoinette Powell-Cotton [A.P-C]. She actually recovered the two-handled jug. See the following Section 1 that details the Beck 'Holes 1-8' later to be renamed Wells 1-8, when revisited by A.P-C in the 1950s.

In 1948 Major J.P.T.Burchell of the British Museum with Mr Roy Carr the finder, and others excavated an exposed shaft in the cliff face, nearby were two interconnecting hollows cut in the chalk. This was reported in an article in the Times of 31/5/1949.

In 1954 Miss Antoinette Powell-Cotton with encouragement from the British Museum continued to examine the Minnis Bay site and rediscovered the base of the Burchell shaft that had been lost when the cliffs were heavily eroded by storms during the winter of 1953/54. Including this well shaft base, she found and excavated a further twenty two wells and pits on the foreshore, finishing with Well 30 in 1966.

Of these 30 pits 22 appear to have been well shafts of which shaft base 30 is a typical example. A number of the pits are of recent date, most probably dug for the burial of drowned domestic animals. They are not considered in detail in this report. The sequence of numbering, normally speaking, relates to the discovery of these pits.

In parallel with the work on the foreshore A.P-C was also involved with excavations on the cliff top adjacent to these latter intertidal shaft bases. Here she was working to recover as much as possible before Council contractors started to work on the cliff face and the extension of the promenade at beach level. These sites were prefixed with the reference 'O:'

Many of the cliff top sites were lost when the contractors planed off the cliff face, filled some cliff edge shafts with concrete and covered others with the new promenade. All in the interest of public safety and to stop further weather erosion of the cliffs.

Well1.....Jimmy Beck Hole 1 [1938 & 1957] page 4

Well2.....Jimmy Beck Hole 2 [1938 & 1957] page 7

Well3.....Jimmy Beck Hole 3 [1938 & 1957] page 10

Well4.....Jimmy Beck Hole 4 [1938 & 1957] page 13

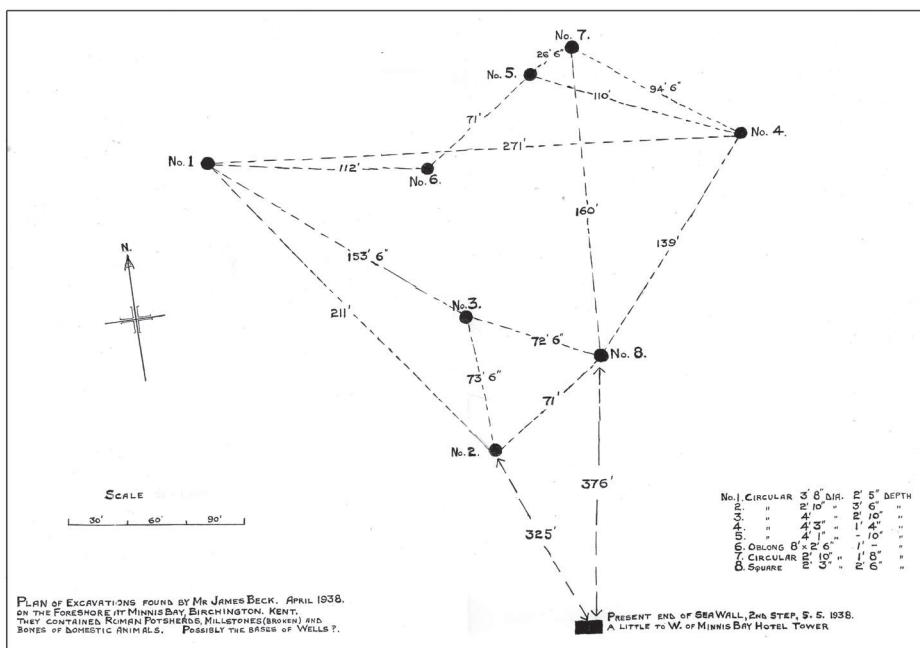
Well5.....Jimmy Beck Hole 5 [1938 & 1957] page 14

Well6.....'Modern' animal pit [1938 & 1957] page 15

Well7.....Jimmy Beck Hole 7 [1938 & 1957] page 16

Well8.....Jimmy Beck Hole 8 [1938 & 1957] page 17

finds recorded 1938/39 Holes 1-8 page 19



The 1938 plan of Jimmy Beck's Eight Holes

## Well1 Late Iron Age shaft base

**J**immy Beck Hole1 Found 1938 re-excavated by A.P.C. 1957

A.P-C Index Card. Well 1

Location: Minnis Bay, east side. NGR:28676996

Diameter: 3'10" x 4'3" [av. 3'8" irregular circular] Depth: 2'5".

Fill: Oysters, snail shells, bones, ....., iron pyrites modules.

Contents: Covered by millstone, pottery [including Samian], wood.

N.M-G [2016]

Overall timespan represented c.25-200 AD – but earliest entries possibly arriving during well construction. Initial start-date uncertain. Possible seal date around 200/250 AD.



photo: August 1957 [APC 9/4]  
Well 1 fully excavated



photo: April 1938  
millstone insitu

**M**illstone Arch.Well 1. 1 [PC 203/1938]  
Large millstone probably Romano British. Diam: 4'-2", central hole 1'-4" from sides. Hole diam: 4-5inches slightly irregular. Probably bottom stone since irregular finish and lack of turning spike hole. Bottom surface rough flaked finish. Thickness 5" approx little missing full present diam. Excavated April 1938

[Arch.Well 1. 1.]



photo of millstone late 1939 at Powell Cotton Museum

Pub: Arch. Cantiana Vol LI Maj PC & GF Pinfold

**P**ot Arch.Well1. 2 [PC 211/1938]  
[Beck no.25]

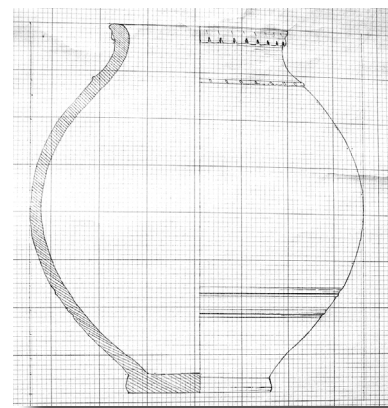
Jar (restored) of smooth rather weathered red fabric. Globular body pedestal base and narrow mouth..... Rim diam 9.6 cms; Base diam 7.4 cms. max girth diam 17.6 cms. RB early 2nd cent.

Small grit incs. oxidised fabric. Very slightly rolled rim with incipient outward flange and below collar with triangular cut frilled edge. Single slashed base neck cordon 3/4 depth pot pair of incised lines. Partial basal foot ring. Traces of white slip or colour coat. [1971 review]

Mid Roman North Kent Fine red ware 150-200/250 AD. Complete [restored] flask with nicked collar and nicked shoulder cordon and remnant cream/white slip. No direct parallel, but similar to flasks with short necks, Monaghan 1987 Type 1B



[Arch.Well 1. 2.]



drawing 1/4 full size

illustrations above 1/4 full size

## Well1 continued

**Pot Arch. Well1. 3** [PC 211/2]  
 Samian plain form bowl rim. Drag. 31. Oswald & Pryce, [1971 review]  
 Early Roman Samian ?Southern Gaulish [Flavian] 69-100 AD. Rim from a dish, Drag 31. Residual.

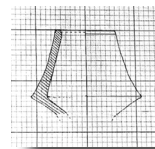


[Arch.Well 1. 3.]

**Pot Arch.Well1. 4** [PC 211/3]  
 [Beckno.16]  
 Samian Flanged collar jar. O+P Pl.XXXIII Beck collection No.16 excavated 1938 [1971 review]  
 Early-Mid Roman Samian ?East Gaulish La Madeleine 130-170 AD. Rim from collared jar/flagon.



[Arch.Well 1. 4.]



drawing 1/4 full size

**Pot Arch.Well 1. 5** [PC 211/4A]  
 Bead rim jar sherd. Grey porridgy ware. [1971 review]  
 Late Iron Age>Early Roman Thanet silty 25-50/75 AD. Thompson 1982 Type C1-2. Residual.



[Arch.Well 1. 5.]

**Pot Arch. Well 1. 6** [PC 211/4B]  
 Single worn pink combed ware sherd. Grey-black core. [1971 review]  
 Early Roman Romanising grog tempered NCW. 125-150/175 AD. Refired.

[Arch.Well1. 6.]



[Arch.Well 1. 7.]

**Pot Arch. Well 1. 7** [PC 211/5]  
 Shoulder body sherd ?jar of buff pink soapy ware c 2 incised lines partial burnish. Black core. Thin. [1971 review]  
 Early Roman Romanising Thanet silty+grog 125-150/175 AD. Fineware jar.

**Pot sherds Arch.Well 1. 8.1** [PC 211/6]  
 Sherd of grey ware.  
 Early Roman North Kent fine grey 50-75/100 AD.



[Arch.Well 1. 8.1]

**Pot sherds Arch.Well 1. 8.2** [PC 211/6]  
 Sherds [6] of grey ware, smooth, thin, very slightly rough to feel. Vague zones of rouletting. Typical darkish grey core with light grey sandwich. [1971 review]  
 Early Roman North Kent fine grey 50-75/100 AD.

[Arch.Well 1. 8.2]

**Pot sherds Arch.Well 1. 9.** [PC 211/7]  
 2 sherds coarse grey ware. Worn. [1971 review]  
 Early Roman Grog tempered fine sandy 125-150/175AD.



[Arch.Well 1. 9.]

all above images are 1/4 full size

## Well1 continued

**P**ot sherd Arch.Well 1.10 [PC 211/8]  
 Sherd thick coarse cp with large flint, chalk and unmixed clay grits. Wiped. Grey surfs buff pink core. Late Iron Age>Early Roman Grog+flint tempered 25-50/75 AD. Storage jar wheelthrown?



[Arch.Well 1.10.]

**P**ot sherds Arch.Well 1.11 [PC 211/9]  
 Base neck/shoulder 4 sherds jar of coarse fab. dirty buff grey. Smooth surfs except where wear has exposed. Almost Med. fabric fine sandy grit. Grooves. [1971 review]  
 Early Roman North Kent Thameside fine sandy 75/100 -150AD. Unifacial [exterior] wear. Jar.



[Arch.Well 1.11.]

**W**ood Arch.Well 1.12 [PC 211/9]  
 Base barrel / bucket stave wooden. Bottom tip with base board groove/ slot cut-out. Buckling across breadth. Extant length 4.5 cms; width 6 cms; notch depth 2-3 mms



view not to scale

[Arch.Well 1.12.]



**T**ile Arch.Well 1.13 [IOTAS1341]  
 Roman tile fragment.

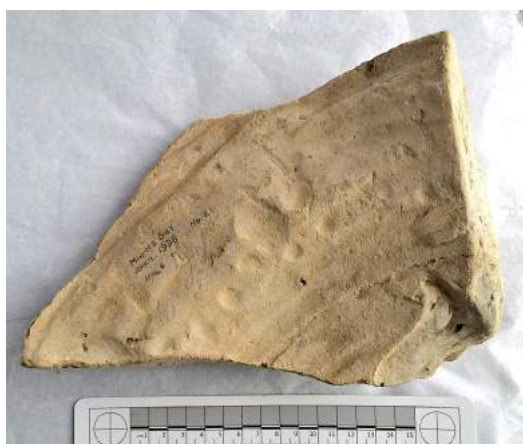


[Arch.Well 1.13.]



view not to scale

**P**ot Arch.Well1. 14 [IOTAS2:762]  
 [Beckno.21]  
 Early Roman Dressel 20 amphora. Mid to late 1st century AD.



[Arch.Well 1.14.]

**P**ot Arch.Well1.15 [IOTAS2:762]  
 Early Roman Dressel 20 amphora. Mid to late 1st century AD.



[Arch.Well 1.15.]

all above images are 1/4 full size



## Well2 Late Iron Age shaft base

**J**immy Beck Hole2 Found 1938 re-excavated by A.P.C. 1957

A.P-C Index Card. Well II [2]

Location: Minnis Bay, east side. NGR:28736994

Diameter: 2'10" roughly circular. Depth: 3'6"

Fill: [in 1957] yellow 'flat-nosed shells'; black 'iron-stain' for top 1.74ft; then clean sand; then black.

Contents: Half slab of sandstone as in hole1.

Small sherds of pottery, some fragments of wood, tile.

Refs: AP-C field books bk 4 page29 . bk 6 p28&32

N.M-G [2016]

Well possibly constructed late 2nd-3rd century AD Infill could be late 4th -5th century AD.



photo: 1957 [APC 5/6]



photo: 1957 [APC 5/7]

**R**oof tiles Arch.Well 2.14 [IOTAS168]

[Arch.Well 2.14.]



view not to scale

**W**ood Arch.Well 2.11 [PC209/15/1971]  
PC209/15 stave, two pieces joining of a bucket or barrel. Tapered total length: 37 cms. width: 10 cms [narrow]; 12 cms [broad]. Av. thickness 1.2 cms. 1 nail hole.

[Arch.Well 2.11.]



**W**ood Arch.Well 2.12 [PC209/16/1971]  
PC209/16 one piece of stave, only one longitudinal edge. Length 8 cms av.thickness 0.5 cm.

[Arch.Well 2.13.]

[Arch.Well 2.12.]

[Arch.Well 2.13.]



**W**ood Arch.Well 2.13 [PC209/17/1971]  
PC209/17 two pieces light coloured bucket/barrel stave. Only one piece with 2 edges. Width: 8 & 6 cms av thickness 0.8cms

above illustration 1/4 full size

**Pot Arch.Well 2. 1 [PC209/1938]**  
[Beck no.23]

Jar with 2/3 profile with marked out curved rim not a true Cavetto. Type formally known as Olla. Tall pear shaped. Marked wheel-rilling below max, girth. Burnished rim [in+out] and shoulder. Fabric: smokey grey reduced with characteristic white-grey-white sandwich. Gritted. Extant ht:18cms Diam: 16cms. [1971review]

Mid Roman North Kent Thameside 175/200-250 AD. Rim & upper body, near complete profile from Monaghan 1987 Type 3J9 3-4



Beck Pot 23

[Arch.Well 2. 1.]



**Pot Arch.Well 2. 2 [PC209/2]**

Similar to PC 209/1938 [above] 'Olla' type but with coarser fabric and less marked rim flange. Cordon 1/2 down neck. Course sand tempered fabric with partial firing tones, generally grey, reduced with light grey core and dark linings, but oxidised on rim and parts neck. Rim diameter 20.3 cms. [1971 review]

Mid Roman Grey sandy [?North Kent Thameside] 125/150-200 AD. S profiled bowl, part profile, similar to Monaghan 1987 Type 4A2.2



[Arch.Well 2. 2.]

**Pot Arch.Well 2. 3 [PC209/3]**  
[Beck no.15]

Top bottle neck. Pale pinky fabric with grey slip. Feint grey core. Oxidised. Smooth, marked neck flange [mid.] with single handle base abutting under flange. Single incised line round neck top. Diam mouth: 2 cms. [1971 review]

Mid Roman Fine silty North Kent Thameside 150/200-250 AD. Rim from flange [ring] necked flask, single handed, c/f Monaghan 1987 Type 1A1



Beck Pot 15

[2 views Arch.Well 2. 3.]



**Pot Arch.Well 2. 4 [PC209/4]**  
[Beck no.13]

Mortarium worn sherds of pinky cream. Spout. Int grinding surface of quartzitic sand. Est diam 30.5cms[1971 review]

Mid to Late Roman. Oxfordshire Mortaria. 240-400 AD. Hartley 1982 Fabric 3. iron stained grits.



Beck Pot 13

[Arch.Well 2. 4.]



**Pot Arch.Well 2. 5 [PC209/5]**

Rim sherds joining simple lip, ext flange. light grey sand tempered with soapy feel. Pale grey core[1971 review]

Mid Roman Grey sandy 175/200-275 AD. Flange rim bowl, Monaghan 1987 Type 5A



[Arch.Well 2. 5.]



**Pot Arch.Well 2. 6 [PC209/9]**  
[Beck no. 5]

Rim & uppershoulder sherds of course porridgy ware. Ext. burnished, only very slightly. Everted rim on short almost upright neck. Rim diam c.1/4 of body diam. Diam 7.6 cms. Grey ware, med. flint gritting. [1971 review]

Late Roman Grog tempered 370-400 AD.



Beck Pot 5

[Arch.Well 2. 6.]

*above views not to scale**all above illustrations 1/4 full size*

## Well2 continued

### Pot Arch.Well 2. 7 [PC209/13] [Beckno.18]

Small rim jar with marked rather flattened evertion. Fabric dirty light grey reduced with very coarse sand tempering. Diam: 12.7 - 15.2 cms.

Sherd of the same fabric with series of holes. Strainer!

Early Roman Grey sandy 150/175-200 AD. S Rom strainer.



1/4 full size

Beck Pot 18  
[Arch.Well 2. 7.]



view not to scale

### Pot sherds Arch.Well 2. 8 [PC209/11]

2 sherds fine grey-white fabric with sparse admixture of grog and very fine grits + small black specks. Pale pinky slip over bands of rouletting. Externally smooth. [1971 review]

Mid Roman North Kent fine grey 150/175-200 AD. Globular bodied, roulette decorated beaker, lightly scorched. Unifacial [exterior] wear.



view not to scale

### Pot sherds Arch.Well 2. 9 [IOTAS2:801] Rim sherd.

Mid Roman Fine sandy North Kent Thameside] 175/200-250 AD. Scorched rim.

[Arch.Well 2. 9.]



view not to scale

### Wood & withy fragments Arch.Well 2. 10 [PC209/14] to Arch.Well 2. 13 [PC209/17] [not illustrated]

### Tile sherds[2] Arch.Well 2.14 [IOTAS168] [not illustrated]

### Pot/tile sherds Arch.Well 2.15 [IOTAS2:762]

Rim sherd and piece of tile.

[Arch.Well 2.15.]

Arch,Well2.15.1. Early Roman>Mid Roman Rim of South Spanish Dressel 20 amphora. 1st century to early 3rd century.

1/4 full size



Arch,Well2.15.2.Tile (imbrex)



1/4 full size

### Details of other sherds shown above at 1/4 full size.

Pot sherd Arch.Well 2.16 [IOTAS2:800]  
Mid to Late Iron Age> Late Iron Age.  
Flint tempered sandy, 200BC-50AD

Pot sherd Arch.Well 2.17 [IOTAS2:800]  
Late Iron Age>Early Roman. Thanet  
silty 25-75AD. Conjoining, from rim of  
Lyne 2015, fabric 7A.2A, form 77A.5

Pot sherd Arch.Well 2.18 [IOTAS2:800]  
Mid Roman. Coarse sandy [similar to  
BB2] 200-300AD. Rim from 'pie dish' bowl,  
c/f Monaghan 1987 type 5E

Pot sherd Arch.Well 2.19 [IOTAS2:803]  
Mid Roman. North Kent Thameside  
sandy 175-275AD. Flange rim bowl, Mon-  
aghan 1987 type 5A

Pot sherd Arch.Well 2.20 [IOTAS2:803]  
Mid Roman. North Kent Thameside  
grey sandy 175-225AD. Flange rim bowl,  
Monaghan 1987 type 5A

Pot sherd Arch.Well 2.21 [IOTAS2:803]  
Mid Roman. North Kent fine grey.  
125-200 AD.

Pot sherd Arch.Well 2.22 [IOTAS2:803]  
Early Roman. Romanising Thanet silty  
75-150AD. Jar base.

Pot sherd Arch.Well 2.23 [IOTAS2:800]  
Mid Roman. fine grey sandy 175-250  
AD. lightly scorched.

Pot sherds Arch.Well 2.24 [IOTAS2:800]  
Mid Roman. Grey sandy 175-275AD.  
Scorched. 3 sherds.

Pot sherd Arch.Well 2.25 [IOTAS2:803]  
Mid Roman. Grey sandy 175-275AD.  
Scorched base

Pot sherds Arch.Well 2.26 [IOTAS2:801]  
Rims & body[19] from various pots  
Mid Roman North Kent grey sandy ware  
175-250AD.

## Well3 Late Iron Age shaft base

**J**immy Beck Hole3 Found 1938 re-excavated by A.P.C. 1957

A.P-C Index Card. Well III [3]

Location: Minnis Bay, east side. NGR:28726996

Diameter: 4'0" Depth: 2'10", irregular circular, one curved side, bottom slopes in to central depression.

Fill: [1957] dryish, mostly rusty chalk grit. Black sand on bottom. Top 1ft iron stained.

Contents: Wine jar, 2 handled, unbroken, half of red ware colour-coated dish, half of black ware pot of 4th C. type. Pieces of stone as in No. 1. Part of upper stone of a quern.

Ref. AP-C field book 6 p29-31

N. M-G [2016]

All pre-125/150 AD dated material either introduced during well construction or arriving during well infilling. Well construction likely to be MidRoman, arguably between c.150-200 AD.

Infill date difficult but between c.275-350 AD? – on basis of variably dated post c.175/200 AD material.



photo:1957 [APC 5/4]



photo: 1957 [APC 5/3]

**P**ot Arch.Well 3. 1 [PC 212/1938]  
[Beck no.26]

Pot 2 handled jug, Beck collection pot No.26 excavated by A.P-C April 1938.

Amphora (intact) Roman 3rd or 4th Cent A.D.

New Forest ware in perfect condition red slip with white slip decoration.

(Col: Mus; Cat PLXLI No.137) Similar type. Height 10 3/4" Diam 7 7/8" mouth 2 1/2" [1971 review]

Late Roman. Nene Valley colour-coat 175-400 AD. Complete, unrestored 2 handled flagon, brown colour-coat, white slip decoration.



[Arch.Well 3. 1.]

**P**ot Arch.Well 3. 9 [PC 208/1938]  
[Beck no.22]

Dish or bowl Roman 3rd or 4th cent.AD. Half only, red ware. Romano British terra rigallata ware New Forest type. [1971 review]

?Late Roman. Oxfordshire. 270-400 AD. Copy of Drag Form 31 bowl, red slipped. NB. Foot ring base has ?deliberate pre-deposition cut/nicking marks. Part vessel, restored.



[Arch.Well 3. 9.]



view not to scale

above illustrations 1/4 full size

## Well3 continued

### Pot Arch.Well 3. 2 [IOTAS 2:817] [Beck no.20]

Pot base and part body. Excavated 1938  
Late Roman. Grog tempered. 270-400 AD.  
Late copy of a BB1 type, diagonal decoration.  
Part vessel restored.



[Arch.Well 3. 2.]

### Pot Arch.Well 3. 3 [PC 204/1938] [Beck no.1]

Part of cooking pot excavated April 1938.  
Roman late 1st cent. AD  
Grey black clay [partial restoration]  
Height 5". [1971 review]  
Late Roman. Grog tempered. 270-400  
AD. Lyne 2015 form 7A.3. Part vessel restored.



[Arch.Well 3. 3.]

### Pot Arch.Well 3. 4 [PC 206/1938] [Beck no.3]

Flask (partial), burned grey clay (top part  
only). Excavated April 1938. [1971 re-  
view]  
Mid Roman. North Kent Thameside fine  
sandy. 175-250 AD. Monaghan 1987 type  
1B6 flask. Part vessel restored.



[Arch.Well 3. 4.]

### Pot Arch.Well 3. 5 [PC 207/1938] [Beck no.4]

Bowl (partial only), fumed grey clay. Cor-  
doned neck sharp ridge on middle line.  
Excavated April 1938. Roman late 1st  
cent. AD. [1971 review]  
Mid Roman. North Kent fine grey. 175-  
250 AD. Flask part vessel.



[Arch.Well 3. 5.]

### Pot Arch.Well 3.10 [IOTAS1353] [Beck no.6]

Pot sherds[52 see Arch.Well.3.11] includ-  
ing rim.Excavated 1938. [1971 review]  
Late Roman. Grog tempered. 350-400 AD.  
Some chalk. Lyne 2015 type 7B.2/3. Possi-  
bly earlier, though rim form appears late..



[Arch.Well 3.10.]



all above illustrations 1/4 full size

## Well3 continued

### Pot Arch.Well3.11 [IOTAS1354]

Pot sherds[merged with Arch.Well3.10 same pot] including rim and base Beck collection excavated 1938.

Late Roman. Grog tempered. 350-400 AD. Some chalk. Lyne 2015 type 7B.2/3. Possibly earlier, though rim form appears late..

[N Macpherson-Grant 2016]

[Arch.Well 3.11.]



view not to scale



1/4 full size

### Pot Arch.Well 3. 6 [IOTAS9]

base of pot sherd. Excavated 1938. Early Roman>Mid Roman. North Kent Thameside fine sandy. 125-225 AD.

[Arch.Well 3. 6.]

1/4 full size



### Pot Arch.Well 3. 7 [IOTAS9]

Pot sherds various. Beck collection excavated 1938.

**Arch.Well 3. 7.1.** Mid Late Iron Age Flint tempered 200-50 BC

**Arch.Well 3. 7.2.** Late Iron Age 'Belgic' style grog tempered 50BC-50 AD.

**Arch.Well 3. 7.3.** Early Roman. South Spanish Dressel 20 amphora. 50-125 AD

**Arch.Well 3. 7.4.** Early Roman. Romanising grog tempered. 75-125 AD.

**Arch.Well 3. 7.5.** Early Roman. Canterbury grey sandy. 75-125 AD.

**Arch.Well 3. 7.6.** Early Roman. North Kent fine grey. 50-125 AD. 1 rim Monaghan 1987 type B2 Butt beaker.

**Arch.Well 3. 7.7.** Mid Roman. North Kent fine grey. 150-250 AD

**Arch.Well 3. 7.8.** Mid Roman. Grey sandy ware. 150-250 AD. 2-3 lightly scorched.

**Arch.Well 3. 7.9.** Mid>Late Roman. North Kent fine [?colour coated]. 250-280 AD. Funnel necked beaker Monaghan 1987 type 2C.

[Arch.Well 3. 7.]

1/4 full size



### Tile Arch.Well 3. 8

Tile sherd. Excavated 1957.

[Arch.Well 3. 8.]

view not to scale



# Well4 Late Iron Age shaft base

**J**immy Beck Hole4 Found 1938 re-excavated by A.P.C. 1957

A.P-C index card Well4

Location: Minnis Bay, east side. NGR:28757000

Diameter: 4'3" Depth: 1'4", circ, with small tool marks in sides.

Fill: [1957] Black sand - chalk grits. Some pale brown earth/clay with small frags of sticks and oysters.

Contents: Sticks and straw. pottery, antler tool, sandstone fragments, iron pyrites nodules, wood. Sticks/straw below pottery.

Ref. AP-C field book 6 p40

N.M-G [2016]

Construction and infill date of 150-75 BC. 3 Roman brick/tile fragments presumed intrusive.



photo: 1957 [APC 7/1] cliffs in background

**P**ot Arch.Well 4. 1 [IOTAS2:851]

Pot sherds. Excavated 1938 & 1957.

Mid-Late Iron age, 25 sherds. Flint. 200-50BC. 1 sub-fineware rim with internal faceting, also showing a pitch repair. 3 sherds from 1 pedestalled base from an S-profiled jar. 7sherds from coarsewares. 1 coarseware jar rim fragment. 1 MLIA fine silty ware.

[Arch.Well 4. 1.]

[Arch.Well 4. 5 .]

**T**ile Arch.Well 4. 5 [IOTAS2:851]

Tile&brick sherds[3]. Excavated 1938.

Roman tile/brick 50-400 AD

[Also 1 piece of daub]



[Arch.Well 4. 2.]

**P**ot Arch.Well 4. 2 [IOTAS2:851] [Beck no.10]

Rim of pot sherd. Excavated 1938.

Mid-Late Iron Age. Flint. 200-50 BC



[Arch.Well 4. 2.]

2 views not to scale

**A**ntler tool Arch.Well 4. 3 [PC213] [Beck no.19]

Part of deer antler [horn], shaped and sharpened for tool, borer etc.

Length 5 3/4".

Beck collection No.19 excavated April 1938.

Pub: Arch. Cantiana Vol 6/1



not to scale

[Arch.Well 4. 3.]



**M**etal ring Arch.Well 4. 4  
Excavated 1938.



full size

[Arch.Well 4. 4.]



above illustrations 1/4 full size

# Well5 Late Iron Age shaft base

**J**immy Beck Hole5 Found 1938 re-excavated by A.P.C. 1957

A.P-C index card Well5

Location: Minnis Bay, east side. NGR:28726999

Diameter: 4'1" Depth: 10", circular, with tool marks.

Fill: [1957]Small chalk fragments, clean sand and black sand. Contents: Larva fragments, Curved pieces of wood resembling barrel staves, pottery and bone.

Ref, AP-C field book 6 p37

N.M-G [2016]

Earliest dated elements arriving during well construction or infilling. Construction date ?mid 2nd century AD. In fill ?mid to late 3rd century AD.

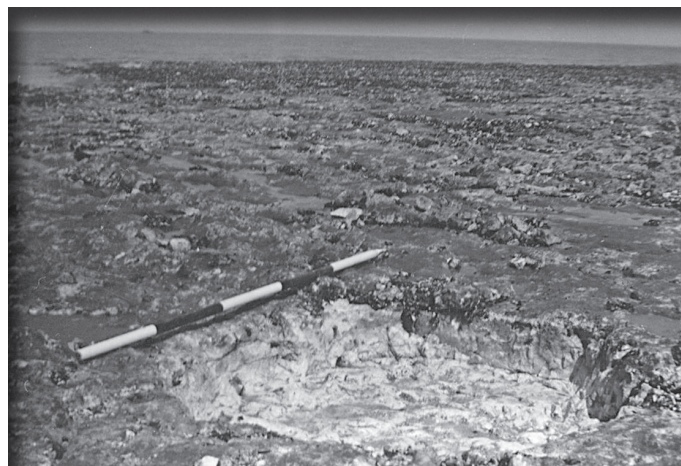


photo: 1957 [APC 6/7]

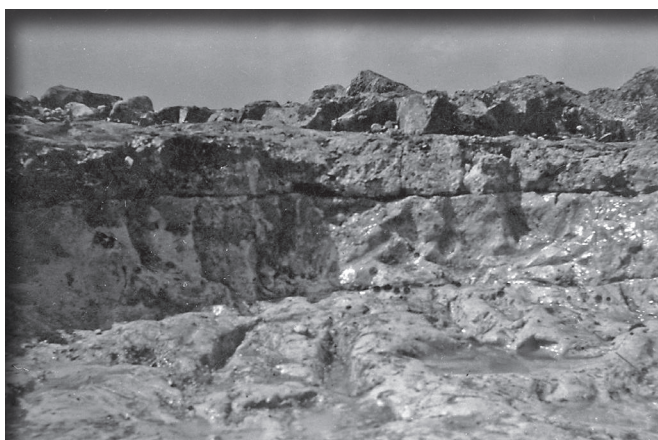


photo: 1957 [APC 6/8]  
floor toolmarks



photo: 1957 [APC 6/6]

**P**ot Arch.Well 5. 1 [IOTAS13]

Pot sherds various. Excavated 1938 & 1957.

**Arch.Well 5. 1.1.** MidRoman Grog tempered Native Coarse Ware 175-250 AD

**Arch.Well 5. 1.2.** Late Iron Age 'Belgic' style grog tempered 50BC-50 AD.

**Arch.Well 5. 1.3.** Mid Roman sherds[3]. 1 Fine red sandy. 2 Grog tempered sandy NCW, small sherds. 150-250 AD.

**Arch.Well 5. 1.4.** Early Roman>Mid Roman. BB1. Small, from a dog dish. 125-250 AD.

**Arch.Well 5. 1.5.** Early Roman. Central Gaulish samian, small. 125-200 AD.

[Arch.Well 5. 1.]



[Arch.Well 5. 2.1]

illustration 1/4 full size

**P**ot Arch.Well 5. 2 [IOTAS13]

[Beck no.12]excavated 1938.

Rim sherd upper pot profile.

**Arch,Well 5. 2.1.** Mid-Late Iron Age sandy with sparse flint 200-50 BC. Small S-profiled bowl with omphalos base.

**Arch,Well 5. 2.2.** Pot sherds[2] Mid-Late Iron Age, 1sandy with sparse flint from a pedestalled based jar, 1 Flint 200-50 BC.



[Arch.Well 5. 2.1]

3 views not to scale



## Well6 'Modern' animal pit

**J**immy Beck Hole6 Found 1938 probably modern animal grave. Refound 1957 Location: Minnis Bay, east side. Oblong 8 ft. by 2 ft. 6 in., depth 1 ft. Chalk only

In 1954 A P-C met a 'Beachcomber' one day, she wrote in her field book:

*"He and pal look for 'modern coins' & such like - told me Coastguards used to bury cattle." - lost from ships!*

A.P-C Field Book 2nd August 1957:

*Redug hole 6 - rectangular not round, base very irregular. Chalk grit fill a good part iron stained some yellow winkle shells + small oyster shells - no pot or bone. Several grooves which appear to be 'pick' marks.*

A.P-C Index Card for Well6:

*Beck original 6 1938 refound 1957*

*Location: 169deg to steps E.P.*

*Measure: 8' x 2'6" depth- 1'0" deep 8" -18" sea-land ends.*

*Filling: Finds chalk only. Recent 'grave' I'd say.*



*photo: August 1957 [APC 9/2]*

## Well7 Late Iron Age shaft base

**J**immy Beck Hole7 Found 1938 re-excavated by A.P-C. 1957

A.P-C index card Well7

Location: Minnis Bay, east side. NGR:28736999/7000

Diameter: 2'10" circular. Depth: 1'8" originally when found by Jimmy Beck, but by 1957 only 1'3".

Fill: [1957]Mostly chalk.

Contents: pottery, stone/chalk, oyster shells, iron and bone.

Ref. AP-C field book 6 p42

N.M-G [2016]

Earliest dated elements arriving during well construction or infilling. Construction and infilling between 150 and 300 AD.

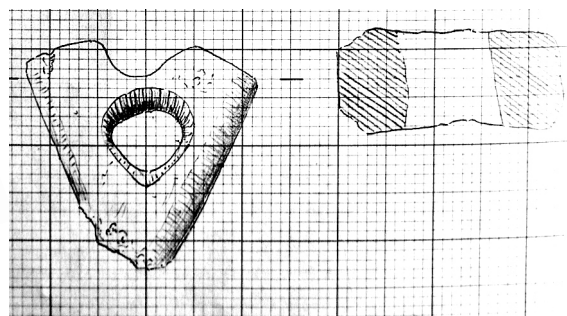


photo: 1957 [APC 7/8]

**C**halk whorl Arch.Well 7. 1[IOTAS1126]  
excavated 1957

Small 'v' shaped whorl carved from chalk orange stain.

drawing Arch.dwg.62

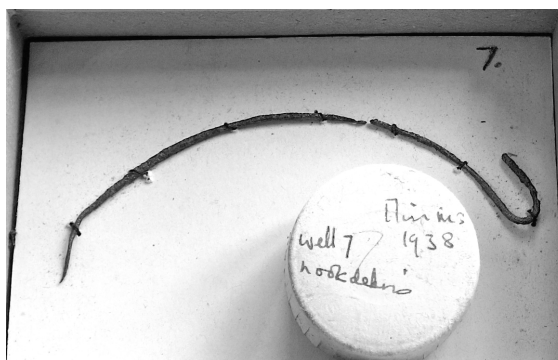


[Arch.Well 7. 1]

half full size [n.b. drawing grid in inches]

**M**etal hook Arch.Well 7. 2  
excavated 1938

With sample of surrounding debris in pill box.



[Arch.Well 7.2.]

not to scale

**P**ot Arch.Well 7. 3 [IOTAS2:830]

Pot sherds various. Excavated 1938.

**Arch.Well 7. 3.1.** Mid-Late Iron Age. Pot sherds[5] Flint. 200-50 BC. Including 1 S-profiled jar rim. Slightly worn & fresh sherds.

**Arch.Well 7. 3.2.** Mid Roman. Pot sherds[2], BB1 North Kent sandy. Monaghan 1987 type 5E1 dog dish, 150-300 AD. 1 Grog tempered Native Coarse Ware 150-225 AD

[Arch.Well 7.3.]  
1/4 full size



## Well8 Late Iron Age shaft base

**J**immy Beck Hole8 Found 1938 re-excavated by A.P.C. 1957

A.P-C index card Well8

Location: Minnis Bay, east side. NGR:2874 6996

Diameter: 2'2" square with very straight sides. Depth: 2'6"

Fill: [1957]Top 1'6" iron-stained chalk grit, then sand, shells and oysters, black sand near bottom.

Contents: pottery, stone, leather.

N.M-G [2016]

Pre 150 AD material residual.

Construction possibly between 175 and 225 AD. Infill possibly between 275 and 350 AD.

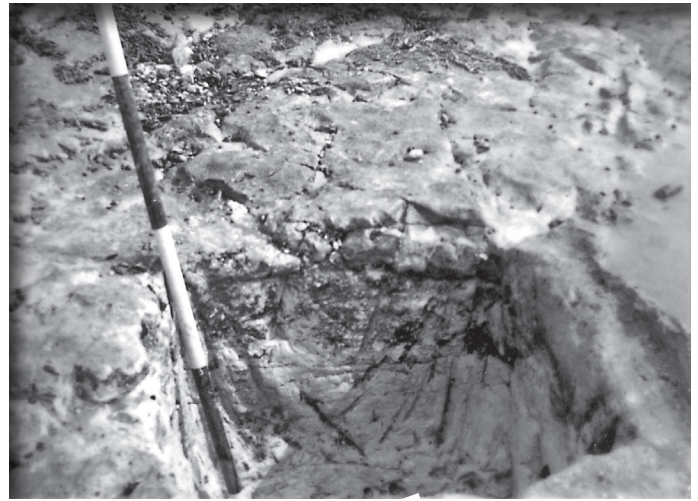


photo: 1957 [APC 7/5]

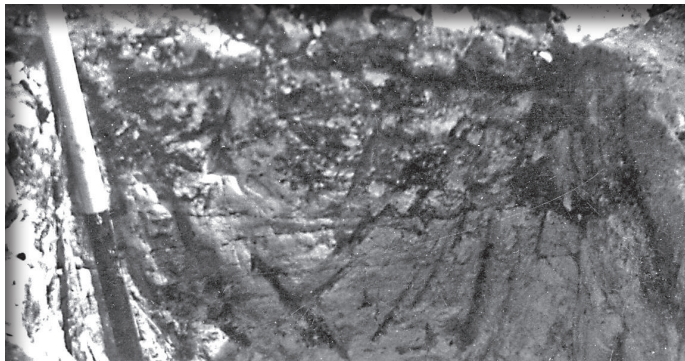


photo: 1957 [APC 7/5] close-up of tool marks

**S**tone quern Arch.Well 8. 9  
half quern excavated 1938



[Arch.Well 8.9]  
not to scale

**P**ot Arch.Well 8. 1 [PC210/1938]  
[Beck no.24] excavated April 1938.  
Cordoned urn (restored) in fumed grey clay. Height 9 1/4" diameter 5 7/8" mouth 3 1/4"  
Mid Roman. N Kent fine grey. 150-180AD.  
Flask. Monaghan 1987 Type 1B1.

late 1st cent Mr Norman Cook June 1959



[Arch.Well 8.1.]

before full  
restoration



**P**ot Arch.Well 8. 2 [PC205/1938]  
[Beck no.2] excavated April 1938.  
Pot beaker (broken) rough cast red ware  
(lower part only)  
[Similar type to Col:Mus:Cat:Pl.XL.No130]

Mid Roman. Colchester colour coated  
rough cast.150-250AD. Beaker, base and  
lower body only. Surface and rough cast  
frequently worn away



[Arch.Well 8.2.]



all above illustration 1/4 full size

## Well8 continued

### Pot Arch.Well 8. 3 [IOTAS2:829] [Beck no.8]

Pot sherd of rim. Excavated 1938  
Mid Roman. ?Canterbury (cream) sandy ware 140-190AD. Rim from single handled flagon; handle missing (handle scars); rouletted decoration at neck and shoulder interface. Monaghan 1987 Type 1E1.4.



[Arch.Well 8. 3.]



[Arch.Well 8. 3.]  
not to scale

### Pot Arch.Well 8. 4 [IOTAS2:826]

Pot sherds[20] various.Excavated1938 .

**Arch.Well 8. 4.1.** Late Iron Age-Early Roman N Kent Thameside shelly ?25 BC-50 AD. Large sherd from large vessel. Laminate low fired fabric.

**Arch.Well 8. 4.2.** Mid Roman N Kent fine red colour coated ware 150-250 AD. Flagon. Small sherd.

**Arch.Well 8. 4.3.** Mid Roman sherds[7]. N Kent Thameside fine sandy 150-250 AD. Body sherds. Inc. 3 sherds of Monaghan 1987 Type 4J3.1.

**Arch.Well 8. 4.4.** Early Roman sherds[4]. N Kent Thameside fine sandy. 125-150 AD.

**Arch.Well 8. 4.5.** ?Early Roman sherds[2]. ?Romanising grog tempered ware. 50-100 AD. 1 very worn. 1 combed.

**Arch.Well 8. 4.6.** Mid Roman sherds[4]. Grog tempered Native Course Ware 150-200AD.

**Arch.Well 8. 4.7.** Late Roman sherds[3]fresh. Grog tempered ware ?275-350 AD. 1 coated in an iron deposit.

**Arch.Well 3. 7.8.** /Roman tile, worn.



[Arch.Well 8. 4.]

### Pot Arch.Well 8. 5 [IOTAS2:826] [Beck no.7]

Pot sherd base. Excavated 1938.  
Mid Roman. North Kent Thameside fine sandy. 150-250 AD.



[Arch.Well 8. 5.]



[Arch.Well 8. 5.]  
not to scale

### Pot Arch.Well 8. 6 [IOTAS2:826] [Beck no.11]

Pot sherd full pot profile. Excavated 1938  
Early>Mid Roman. North Kent Thameside fine sandy. 125-250 AD. C/f Monaghan 1987 type 5CO.7.



[Arch.Well 8. 6.]



[Arch.Well 8. 6.]  
not to scale

### Pot Arch.Well 8. 7 [IOTAS2:826] [Beck no.14]

Pot part base sherd with hole.  
Mid Roman. Grog tempered Native Coarse Ware. 150-225 AD. Cheese press.



[Arch.Well 8. 7.]

### Pot Arch.Well 8. 8 [IOTAS2:821]

Pot rim sherd. Excavated 1938.  
Mid Roman. Rhenish mortaria. 150-250 AD. Hartley 1982 Fabric 7.



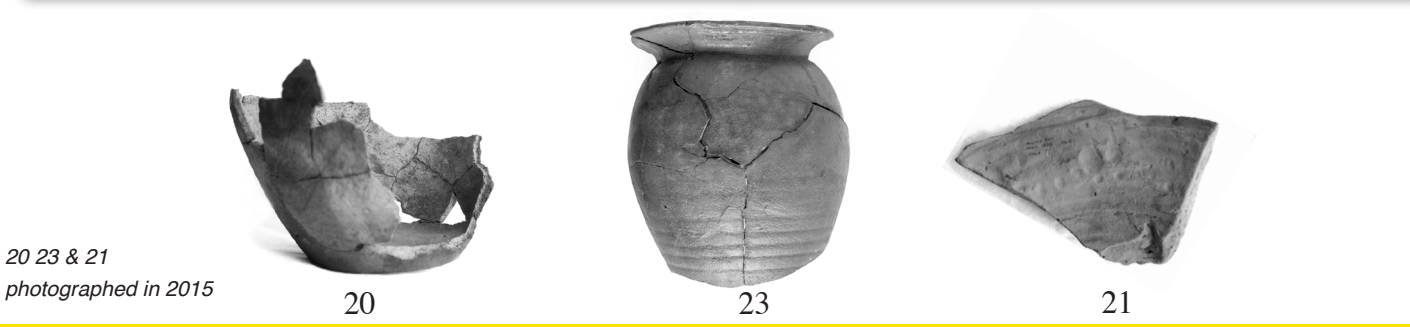
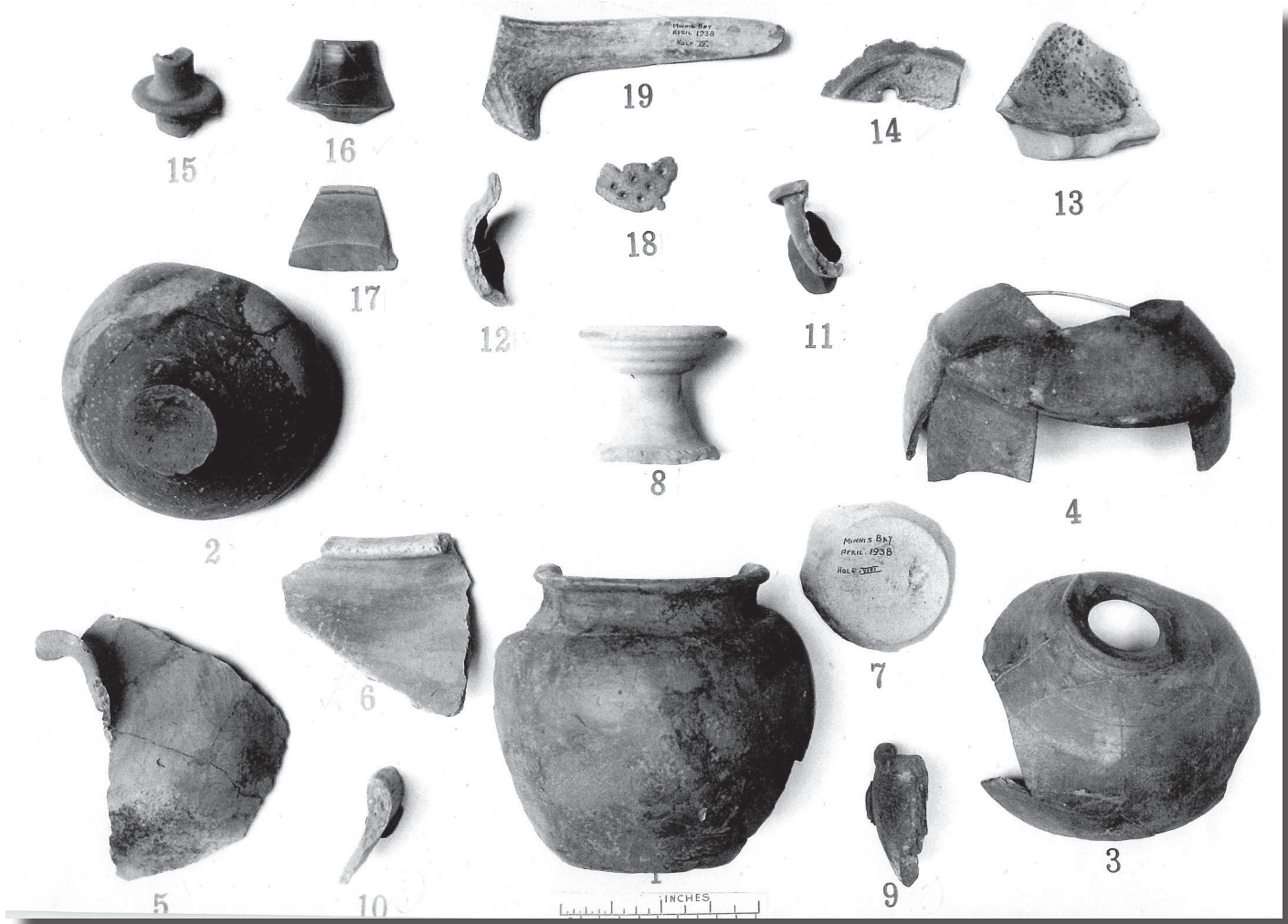
[Arch.Well 8. 8.]



[Arch.Well 8. 8.]  
not to scale

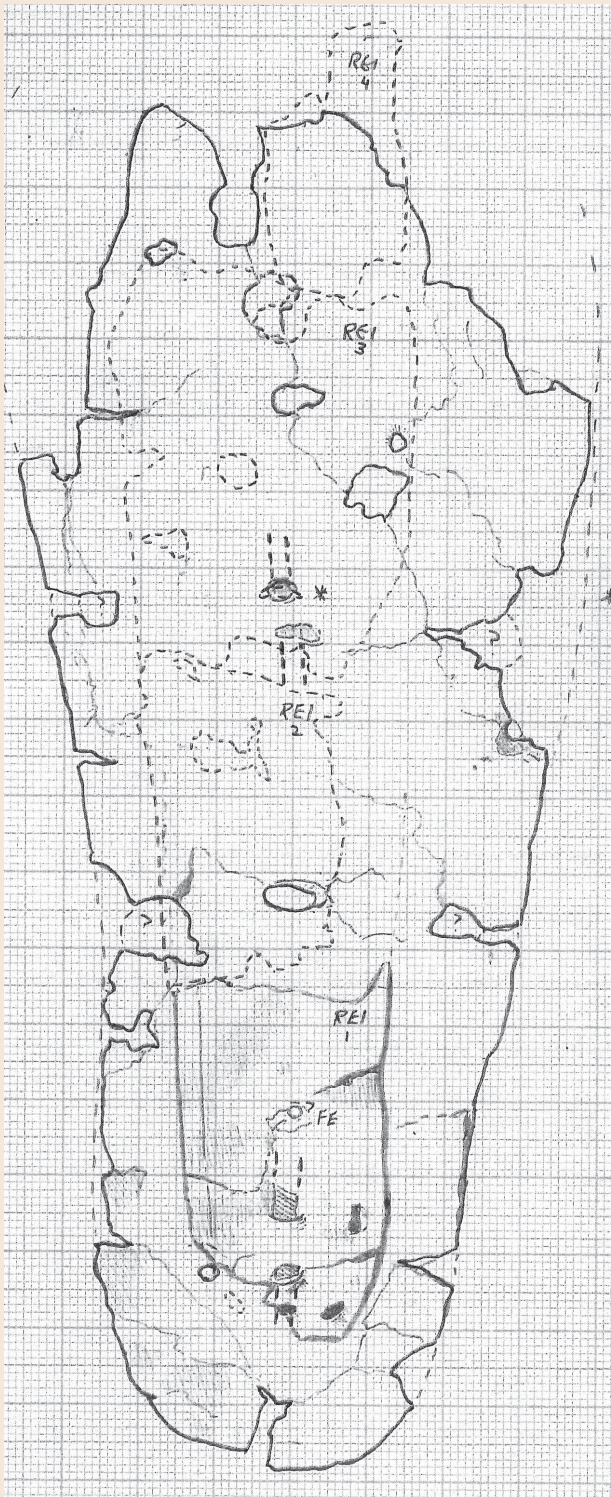
all above illustration 1/4 full size

**'Numbered' finds for Beck Holes 1 to 8 as recorded 1938/39**



20 23 & 21  
photographed in 2015

# Late Iron Age Leather from Well15



Scale drawing of Arch. Well15. 5 [PC231/9]

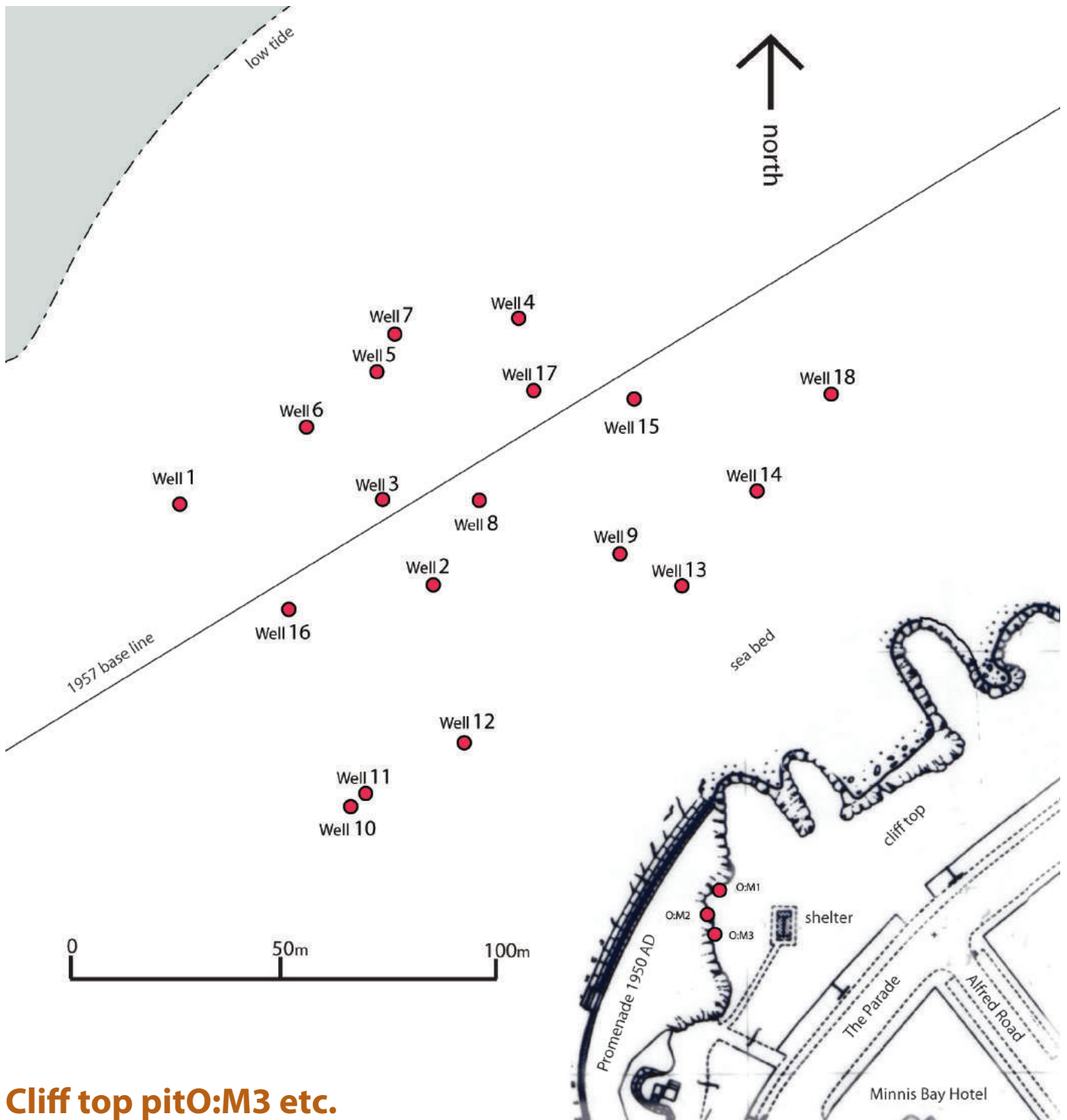


approx full size

<b>Plan and Sequence of LIA shaft bases</b>		page 22
<b>Well 9..... LIA 'shaft base'</b>	<b>[1954]</b>	page 23
<b>Well10.....LIA 'shaft base'</b>	<b>[1955]</b>	page 25
<b>Well11.....LIA 'shaft base'</b>	<b>[1955]</b>	page 28
<b>Well12.....LIA 'shaft base'</b>	<b>[1955]</b>	page 30
<b>Well13.....LIA 'shaft base'</b>	<b>[1955]</b>	page 31
<b>Well14.....LIA 'shaft base'</b>	<b>[1957]</b>	page 34
<b>Well15.....LIA 'shaft base'</b>	<b>[1956]</b>	page 36
<b>'Well'16.....presumed animal pit</b>	<b>[1959]</b>	page 41
<b>Well17.....LIA 'shaft base'</b>	<b>[1959]</b>	page 42
<b>'Well'18.....recent sheep pit</b>	<b>[1958]</b>	page 43
<b>'Well'19.....presumed animal pit</b>	<b>[1959]</b>	page 43
<b>Overview of 'Burchall' shaft &amp; Wells9 to 30</b>		page 44

# Plan and Sequence of Late Iron Age shaft bases Wells 1-18

A.P-C not only helped Jimmy Beck in 1938 excavate his pits 1-8, she revisited each one in 1957 to complete and gain further measurements. Between 1954 & 1959 she also discovered a further eleven pits in the same area. Of these 3 were found to be more recent pits dug to bury animals washed overboard from passing ships. All were given a 'Well' prefix be they shaft bases or animal pits, given in sequence as found.



## Cliff top pit O:M3 etc.

Above A.P-C's Beach hut store, on the existing lower promenade in Minnis Bay, she located a series of three pits [prefix O:M] which she stated were of no significance. However the artefacts found were also systematically recorded and stored.



**P**ot Arch.pitO:M3. 1 [IOTAS1217]  
Pot sherds[6] various Middle Late Iron Age to Late Iron Age 200-0 BC.

[Arch.pitO:M3. 1.]

illustration 1/4 full size



## Well9 Late Iron Age shaft base

**Well 9 [Terry Hole]** Excavated by A.P-C. September 1954

A.P-C index card Well9

Location: Minnis Bay, east side. NGR:2877 6995

Diameter: 4'0" . Depth: 3'0"

Floor uneven, pick marks on sides low down.

Fill: Mussel and beach debris. Iron stained chalk. Flints. Pale grey clay with burning. Broken chalk at base, no finds in top8"

Contents: Bone, burnt flint, pottery & wood.

N.M-G [2016]

No grog tempered fabrics. 1 fineware rim with a marked neck ridge (?Belgic influence).

Good MLIA group, with a number of drawable items; the fabric types are typical for the period. General impression is that the majority of the material is broadly contemporary.

Technical/period dating: 200-50 BC.

General emphasis date: 150-50 BC. The presence of a fineware with a ridged cordon on the neck suggests 125-75 BC. Note the presence of a fine silty ware (c/f Conquest period Thanet silty ware), which raises the question of the origin of local indigenous workshops.



looking seaward



towards cliffs and prom.



Tony assisted by Terry [left and above photos] digging first pit located on return to Minnis September 1954



illustration 1/4 full size



**Wood Arch.Well 9. 1** [PC 315/1/1954]

Short broken strip of plank or lathe.

Extant length 4.5cm, width now 3.5cm.

Thickness average 1cm.

13 other pieces not kept, not treated became decayed.

**Wood Arch.Well 9. 2** [PC 315/2/1954]

Assymetrical section wood, flat bot-

tom plane, cut across grain - not with it,

Extant length 8.4cm. width 3.9cm, max

thickness 1.8cm.



[Arch.Well 9. 1.]

[Arch.Well 9. 2.]

not to scale

## Well9 continued

### Pot Arch.Well 9. 3 [IOTAS2:850]

Pot sherds[53] various pots, including rims and bases. Excavated Sept 1954.

[Arch.Well 9. 3.]

Archived as follows:

**Arch.Well 9. 3.1.** Mid-Late Iron Age. 38 pot sherds. Flint tempered. 150-50 BC. Rim and body sherds, mostly coarsewares, small to medium size, variable wear but majority only slightly worn. Includes facet finished coarseware jar rims and knife trimmed body sherds.

**Arch.Well 9. 3.2.** Mid-Late Iron Age. 5 pot sherds. Flint tempered fine sandy-silty. 150-50 BC. Finewares only. Includes 2 'S'-profiled jar rims, 1 with a marked neck ridge (?Belgian influence).

**Arch.Well 9. 3.3.** Mid-Late Iron Age. 2 pot sherds. Sandy ware. 150-50 BC. 1 fineware, 1 coarse, the latter sooted from use and is fresh.

**Arch.Well 9. 3.4.** Mid-Late Iron Age. 5 pot sherds. Flint tempered sandy ware. 150-50 BC. All finewares, small to moderate sized. 2 conjoin = bowl part profile with rough curvilinear decoration on the shoulder panel. Fresh to moderately worn.

**Arch.Well 9. 3.5.** Mid-Late Iron Age. 3 pot sherds. Silty wear. 150-50 BC. 1 fineware, 1 coarseware, latter near fresh.



illustration 1/4 full size



[Arch.Well 9. 3.]

view not to scale

## Well10 Late Iron Age shaft base

**Well 10** Excavated by A.P-C. February 1955

A.P-C index card Well10

Location: Minnis Bay, east side. NGR:2871 6987/8

Diameter: 3'0" circular, well cut sloping in at base. Depth: 2'6"

Fill: Modern beach top. Brown mud. 1 patch blue clay. Cream clay chalk last 6" dark clay bottom.

Contents: Stone, flint, pottery & bone.

N.M-G [2016]

The backfill contains a very minor element of worn, residual MLIA, 200/150-50 BC, while the majority is of LIA>ER 25-75 AD date, There is a small quantity of 2nd C AD material, often small sized, sometimes worn but others fresher; the final backfilling of the well perhaps occurring around the mid to late 2nd C AD.



figure standing between holes 10 & 11 [a bucket in each]

### Pot Arch.Well10. 1 [PC 248/1955]

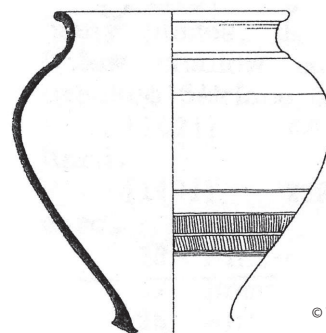
Pedestal shape vase, partially restored of brown clay; base missing, much fragmented: indented line decoration from rim to base. Height 6 3/4"

Late Iron Age>Early Roman. 'Belgic' style grog tempered 25-75 AD. Cordoned pedestal urn. Restored part profile, rim to near base, 50+ sherds.

Thompson (1982,617) : [1372] A3. 248/1955. Thin, brittle, in many pieces, only half left. Brown-red, some grog and white grits, not true grog. dark brown-grey surfaces, lines tooled outside.



[Arch.Well10. 1.]



© Thompson [1372]

### Pot Arch.Well10. 2 [PC 249/1955]

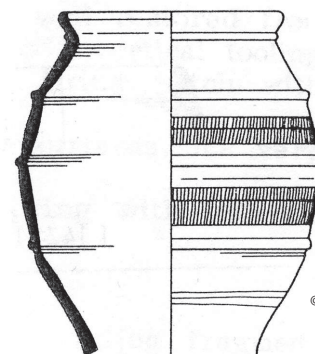
Blackish grey sherd (partially restored) part of rim showing, 3 raised ridges with hatched decoration between; no base shape. Height 7 1/2".

Late Iron Age>Early Roman. 'Belgic' style grog tempered 25-75 AD. Decorated barrel shaped butt beaker. Chipped but exterior fairly fresh.

Thompson (1982,620) : [1419] G5-2. 249/1955. Grey-brown, grog, fairly sparse, dark grey-brown surfaces, broken at each cordon, light rouletted decoration; large parts missing.



[Arch.Well10. 2.]



© Thompson [1419]

### Pot Arch.Well10. 3 [PC 250/1955]

Badly broken pot (very friable) brownish grey clay; part rim and base.

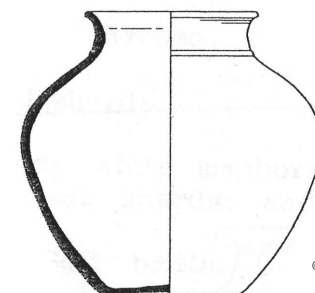
Partial restored Miss APC.

Late Iron Age>Early Roman. 'Belgic' style grog tempered sandy 25-75 AD. Jar partially restored full profile. Chipped some surface spalling

Thompson (1982,620) : [1370] B1-2. 250/1955. Dark grey-brown grog with white sandy grits, in many small pieces, mended, worn; wheel marks inside, remains of burnish outside.



[Arch.Well10. 3.]



© Thompson [1370]

all illustrations 1/4 full size

**Pot Arch.Well10. 4** [IOTAS1276]

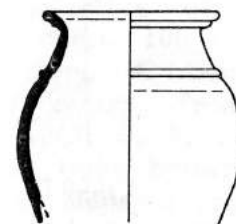
Pot rim sherds, ridge below rim, single cordon at shoulder.

Late Iron Age>Early Roman. 'Belgic' style grog tempered 0-50 AD. Plain butt beaker. Chipped, fragmented, but fairly fresh

*Thompson (1982,620) : [1416] G5-4. Brown, grog, grey-brown surfaces, burnished on neck and over rim.*



[Arch.Well10. 4.]



© Thompson [1416]



**Pot Arch.Well10. 5** [IOTAS2:860]

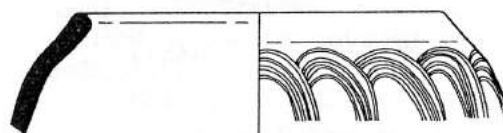
Pot sherds various. Excavated 1955.

**Arch.Well10. 5.1.** Late Iron Age>Early Roman. 'Belgic' style grog tempered 25-75AD. Large rim with arcaded combed decoration. Moderately worn and in a fire post loss.

*Thompson (1982,620) : [1420] C3. Thick dark grey, coarse grog, HM, not hard, blackened inside, grey outside, smooth neck, good combing on rough surface below.*



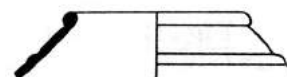
[Arch.Well10. 5.1]



© Thompson [1420]

**Arch.Well10. 5.2.** Late Iron age>Early Roman. Flint tempered 25-75AD. Small rim from a cordoned beaker, Thompson 1982 (illus. 1417).

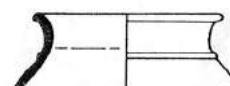
[Arch.Well10. 5.2]



© Thompson [1417]

**Arch.Well10. 5.3.** Late Iron Age>Early Roman. 'Belgic' style grog tempered 25-75 AD. Thompson 1982 Type E3-1 cup, (illus. 1418).

[Arch.Well10. 5.3]



© Thompson [1418]

**Arch.Well10. 5.4.** [not illustrated]

Late Iron Age>Early Roman. Various sherds[10] 0-175 AD.:

3 grog LIA>ER 0-50 AD; 2 Romanising grog ER 50-100 AD; 1 sandy ER Romanising 125-150/175 AD; 1 Romanising grog tempered; 2 flint tempered, re-fired; 1 grog + flint LIA>ER 0-50 AD.

**Arch.Well10. 5.5.** [not illustrated]

?Gallo-Belgic whiteware. Import. Black fabric, re-fired?

**Stone quern Arch.Well10. 8**

broken piece of quern.

[Arch.Well 10. 8.]  
view not to scale



## Well10 continued



view not to scale  
[Arch.Well10. 6.]

**P**ot Arch.Well10. 6 [IOTAS2:849]  
Pot sherds[34], various.

**Arch.Well10. 6.1.** Early>Mid Roman.South Spanish Dressel 20 amphora 50-200AD

**Arch.Well10. 6.2.** Late Iron age>Early Roman. Flint tempered sherds[10] 25-75AD. Conjoining from base of jar.

**Arch.Well10. 6.3.** Late Iron age "belgic" style grog tempered sherds[2]. 25BC-25AD.

**Arch.Well10. 6.4.** Late Iron age>Early Roman sherds[13]. Flint tempered 25-75AD. Small rim

**Arch.Well10. 6.5.** Early Roman sherd. Canterbury grey sandy ware 75-125AD.

**Arch.Well10. 6.6.** Early Roman sherds[4]. Romanising grog tempered 100-150AD.

**Arch.Well10. 6.7.** Mid Roman sherds[3]. Romanising/-ised grog tempered ware 125-175AD.



**P**ot Arch.Well10. 7.1 [IOTAS2:853]

Pot sherds[22] various: 1 scrap chaff tempered ware; 3 grog temp; rest Late Iron Age>Early Roman Thanet silty with sparse grog 25-75 AD.

**P**ot Arch.Well10. 7.2 [IOTAS2:854]

Pot sherds[12] various: 1 ER N Kent fine grey 50-75/100 AD; 1 ER Thanet silty/flint 50-75/100 AD; 3 LIA>ER 'Belgic' style grog tempered 25-50/75 AD; 7 LIA>ER Thanet silty 25/50-75 AD inc 1 silty/sandy ware.

**P**ot Arch.Well10. 7.3 [IOTAS2:855]

Pot sherds[39+crumbs] LIA>ER Thanet silty 25/50-75 AD. Highly fragmented. 1rim from Thompson 1982 Type E2-1 cup. Several rims from other vessels.

**P**ot Arch.Well10. 7.4 [IOTAS2:856]

Pot sherds[20+] various: LIA>ER 25-75AD. Numerous small scraps, \*inc. 1 MLIA flint tempered 200-50 BC, though bulk are Thanet silty and some grog tempered, conquest period AD.

**P**ot Arch.Well10. 7.5 [IOTAS2:857]

Pot sherds[25] various: Middle Late Iron Age>Early Roman 200 BC-150 AD. 2 LIA>ER chaff tempered briquetage 25-75 AD; 1 residual scrap flint tempered MLIA 200-50 BC; flint tempered (often thin); 8 LIA 'Belgic' style grog tempered, very worn, 25 BC – 50 AD; 6 residual Thanet silty, some with flint, 25-75 AD; 4 LIA>ER flint tempered (thin walled) 25-75 AD; 1 ER Romanising grog tempered 50/75-100 AD; 3 Romanising native grog tempered (1 with flint), 100/125-150 AD (?re-fired; !); 1 LIA>ER fine sandy ware 25-75 AD. Some scraps of iron (nails?) and daub.

**P**ot Arch.Well10. 7.6 [IOTAS2:858]

Pot sherds[4 +1 tile] various: Early Roman 125-175 AD. 1 Romanising 'Belgic' style grog tempered 125/150-175 AD; 3 same vessel Romanising Thanet silty 100/125-150 AD emphasis, \*some fresh. 1 slab chaff tempered tile fragment, moderate sized (32g; ?salt production or hearth furniture).

**P**ot Arch.Well10. 7.7

Pot sherds[22] various: Includes 1 residual MLIA flint 200/150-50 BC. Majority LIA>ER 'Belgic' style grog tempered and some sandy, 25/50-75 AD emphasis. 1 silty ware 25/50-75 AD emphasis.



[Arch.Well10. 7.]

all above illustration 1/4 full size

# Well11 Late Iron Age shaft base

**Well 11** Excavated by A.P-C. June 1955

A.P-C index card Well11

Location: Minnis Bay, east side. NGR:2871/2 6988

Diameter: 4'6" to 5'0". Well cut, irregular bottom, central bottom area deeper than at sides. Depth: 2'3" to 2'10" centre.

Fill: Modern beach top. Large pieces of wood jammed in grey clay with chalk. Brown earth and clay. Rushes and burnt flint. Contents: Bronze fibula, pottery, flint, bone, wood and stone.

N.M-G [2016]

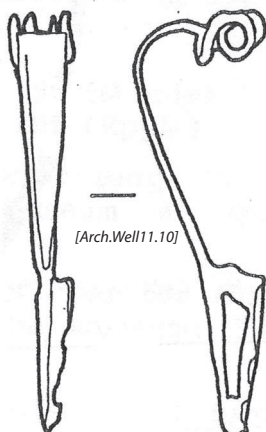
Well construction probably between c.25 BC- 25 AD, possibly slightly earlier. Well infilled between c.75-100 AD.

**Metal Arch.Well11.10** [PC228/1955]  
Bronze fibulae. Brooch of bronze, upper half only, [patina removed] pin missing. Length 1 1/8"

Pre Roman. 50-0 B.C. Prof. C.Hawkes 4th Mar 1958

Thompson (1982,620) [1431] 228/1955. Bronze 2-coil spring with internal cord.

drawing actual size  
© Thompson [1431]



nearest hole is 11 [with bucket]

**Wood Arch.Well11. 9.**  
4 pieces of wood not previously numbered largest probably stake tip.

**Wood Arch.Well11. 8.1** [PC228/1]  
thin piece lathe, length 5.4cm, width 2.9cm, average thickness 0.5cm

**Wood Arch.Well11. 8.2** [PC228/2]  
Tusk tennon peg[?] length 7.1cm, width 2.4cm, thick: peg top 4.2cm shaft 2.1cm.

**Wood Arch.Well11. 8.3** [PC228/3]  
wood with tusk tennon slot. Length 8.3cm, width 4.4cm av thick 2.4cm



**Pot Arch.Well11. 6.1** [IOTAS2096]  
Pot sherds[42] Middle Iron age>Late Iron Age 300 BC-50 AD Flint tempered. Variously worn, the more heavily worn elements probably MIA, the bulk likely LIA. Five sherds from same vessel.

**Pot Arch.Well11. 6.2** [IOTAS2097]  
Pot sherds[3] various. Late Iron Age > Early Roman 25 BC-150 AD. 1 fragment N Kent Thameside shell tempered ware from large comb finished storage jar, with heavy unifacial damage/?use-wear on inside, ? 25 BC - 50 AD. 1 scrap ER Romanising Thanet silty 100/125-150 AD.



[Arch.Well11. 6.]

**Pot Arch.Well11. 7.1** [IOTAS2099]  
Pot sherds[13] Late Iron Age>Early Roman 50 BC-50 AD Briquetage and possible vessel Chaff tempered ware.

**Pot Arch.Well11. 7.2** [IOTAS2100]  
Pot sherds[5] Mid Late Iron Age>Late Iron Age Flint tempered 200 BC-50 AD. Inc. 1 small v thin walled fineware bowl or jar rim, ?MLIA.

**Pot Arch.Well11. 7.3** [IOTAS2101]  
Pot sherds[3] Middle Iron Age >Late Iron Age Flint tempered 300 BC-50 AD



[Arch.Well11. 7.]

all above illustrations 1/4 full size

## Well11 continued

### Pot Arch.Well11. 1 [PC223/1956]

Cooking pot or olla [restored]. Fumed grey clay, cordoned round neck, hardly any lip to mouth [?polished]

Height 7 3/4" Diam 7 3/4" mouth 6 1/4" base 4"

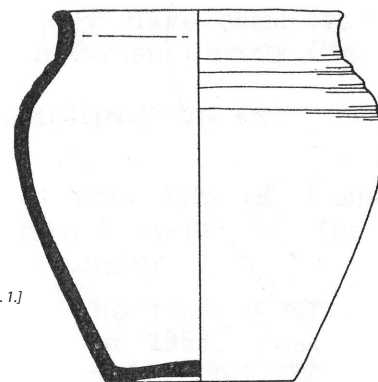
Late Iron Age 'Belgic' style grog tempered ware. 1 restored full profile of a Thompson 1982 B2-3. 25 BC-50 AD emphasis.

*late Belgic period c. 50 A.D. Mr Norman Cook [June 1956]*

*Thompson (1982,620) : [1378] B2-3. 223/1956. HM, grog, well restored from many pieces, dark grey surfaces, burnished; vertical tooling below shallow cordons. large pale grey firing patch with cracked surface outside.*



[Arch.Well11. 1.]



© Thompson [1378]

### Pot Arch.Well11. 2 [IOTAS2098]

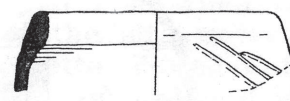
Pot sherds[2] single sherd of rim.

1 LIA>ER 'Belgic' style flint tempered silty ware, 25-50/75 AD, fresh. 1 LIA 'Belgic' style grog tempered Thompson 1982 Type C3 comb finished jar, soot staining on exterior, rather worn, 25 BC-25/50 AD

*Thompson (1982,620) : [1421] C3. Grey, grog, dark grey surfaces, not very hard.*



[Arch.Well11. 2.]



© Thompson [1421]

### Pot Arch.Well11. 3 [IOTAS2102]

Pot sherds[3] including rim.

Middle Iron Age Flint tempered. Conjoining rim sherds from a coarseware jar part profile, with slight interior faceting on rim, \*possibly 250/200-150 BC.



[Arch.Well11. 3.]

### Pot Arch.Well11. 4 [IOTAS2094]

Pot sherds[14]

Late Iron Age>Early Roman. Thanet silty ware 25-75 AD. Some very worn and could be dated earlier than given. Inc 1 rim sherd from a cordoned decorated bowl or jar, 25/50-75 AD.

[Arch.Well11. 4.]



### Pot Arch.Well11. 5 [IOTAS2095]

Pot sherds[30]

Late Iron Age 'Belgic' style grog tempered ware 50/25 BC-50 AD. Bulk is body sherds, variously worn. 1 large body sherd from a large hard fired storage jar with combed arcaded swirls, near fresh. Probably contemporary with Arch.Well11.1.

[Arch.Well11. 5.]



all above illustration 1/4 full size

# Well12 Late Iron Age shaft base

**Well 12** Excavated by A.P-C. June 1955

A.P-C index card Well12

Location: Minnis Bay, east side. NGR:2874 6989/90

Diameter: 3'6" with straight sides. Possible footholds. Depth: 2'6".

Fill: Shore top. Clay/earth and chalk to depth of 2'0". Organic earth. Straw. Sticks. Leaves.

Contents: Pottery, bone, wood, eggshell and stone.

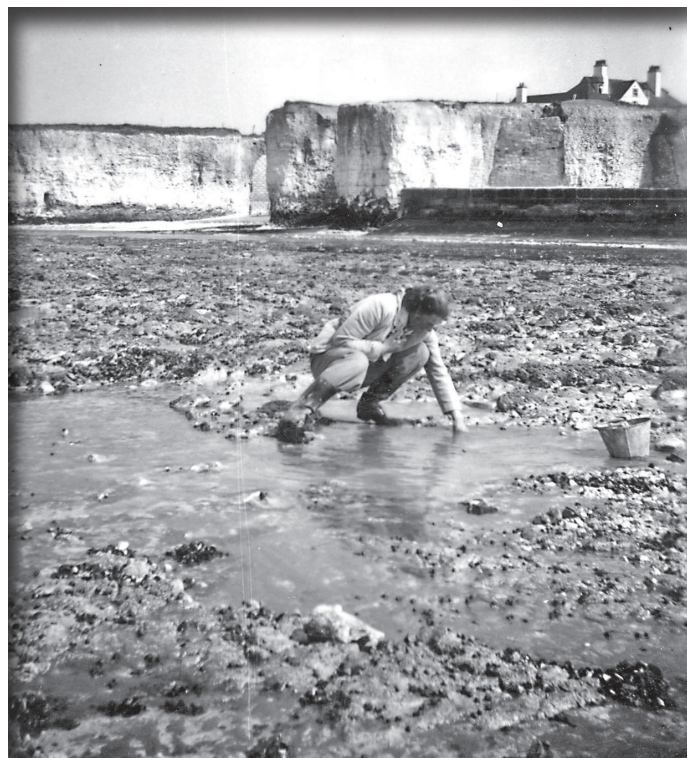


photo: 1956 [APC 1/3]

photo: 1955 A.P-C

**Pot Arch.Well12. 1** [IOTAS2:828]  
Pot sherds[13]. various.

**Arch.Well12. 1.1.** Middle Late Iron Age. Flint tempered 200-50 BC Coarseware body sherds[3], fairly worn and residual. 1 with unusually regular vertical wiping.

**Arch.Well12. 1.2.** Late Iron Age sherd. 'Belgic' style grog temp ware 25 BC-50 AD. Conjoining from base of jar. Small weathered flake, residual in context.

**Arch.Well12. 1.3.** Late Iron Age>Early Roman Chaff temp ware sherds[3] 25-75 AD. Worn scraps. Residual in context.

**Arch.Well12. 1.4.** Late Iron age>Early Roman sherds[2]. Thanet silty 25-75AD.

**Arch.Well12. 1.5.** Early Roman sherds[4]. 50-100/125 AD All small, 3 buff conjoining, 1 grey.



[Arch.Well12. 1.]  
view not to scale



[Arch.Well12. 1.]



**Wood Arch.Well12. 2** [PC317]  
Small fragment of wood, about 1cm cube.

[Arch.Well12. 2.]



scaled illustrations 1/4 full size



# Well13 Late Iron Age shaft base

**W**ell 13 Excavated by A.P-C. July 1955

A.P-C index card Well13

Location: Minnis Bay, east side. NGR:2878 6995

Diameter: 3'4" vertical pick marks. Nice straight sides.

Regular base. Depth: 3'4"

Fill: Chalk grit top. Large pieces of wood jammed in grey clay with chalk. Brown clay-earth. Chalky clay with straw - greenish in places = decayed veg Matter. Straw. Flints. Buff clay at base..

Contents: Burnt flints, wood, bone, chalk, pottery.

**F**lint Arch.Well13. 1 [PC678]  
Flint tool.



view not to scale

[Arch.Well13. 1.]  
1/4 full size



[Arch.Well13. 2.]  
view not to scale



**P**ot Arch.Well13. 2 [IOTAS1274]  
Pot sherds[29], various.

**Arch.Well13. 2.1.** Mid Late Iron age. Silty sherds[10] 250-150 BC.

**Arch.Well13. 2.2.** Mid Late Iron age. Flint tempered sherds[7] 250-150 BC.

**Arch.Well13. 2.3.** Mid Late Iron age. Flint tempered sandy sherd, refired, ?associated with salt boiling. 250-150 BC.

**Arch.Well13. 2.4.** Mid Late Iron age. various sherds[3] 250-150 BC. Flint, silty and organic tempered wares. 1 fineware footringed jar base, 2-3 coarseware rims.

**Arch.Well13. 2.5.** MLIA. Flint tempered. 200-50 BC.

**Arch.Well13. 2.6.** Late Iron age. 'Belgic' style grog tempered sherds[3]. 25 BC-50 AD.

**Arch.Well13.2.7.** MLIA>LIA Chaff tempered and daub bits[4]



[Arch.Well13. 2.]  
1/4 full size

[Arch.Well13. 3.]  
1/4 full size

**P**ot Arch.Well13. 3 [IOTAS1275]  
Pot sherds[58], various as follows

**Arch.Well13. 3.1.** Mid Late Iron Age. Silty ware with sparse flint[26] 250-150 BC. Small to moderate to some fairly large sized, 1 or 2 small worn elements residual in context, \*majority near fresh.

**Arch.Well13. 3.2.** Mid Late Iron Age. Flint tempered sherds[10] 250-150 BC. Majority moderate sized, fairly fresh.

**Arch.Well13. 3.3.** Mid Late Iron Age. Organic tempered silty sherds[4] 250-150 BC.

**Arch.Well13. 3.4.** Mid Late Iron Age. various sherds[17] 250-150 BC. Flint tempered, silty, organic tempered and silty with sparse flint tempered wares. Variable condition; flint and organic tempered more worn, larger elements near fresh. 1 flint tempered thick rimmed coarseware jar . 1 organic tempered coarseware jar with sub faceted rim interior. At least 2 vessels made in organic tempered silty ware (very crude). 1 coarseware jar base with knife trimming. 2-3 probable 'S'-profiled fineware jars with footring bases. 1 sherd decorated with an impressed dimple. \*Fairly large sized conjoining cluster of sherds from an acentral trellis decoration.



## Well13 continued

N.M- G {2016}

Well construction unlikely to any earlier than c.150 BC. Main use between c.150-75 BC or slightly later. The dating of the LIA 'Belgic' grog-tempered component may be conservative and therefore earlier, and from c.75 or 50 BC. If so, and no other material lost during erosion of the upper well levels, final infill possibly no later than c.50 or 25 BC.

**W**ood, Arch.Well13. 4[PC316/1]  
Wood stake tip. Worn & blunt ended.  
Rect. sectn. length 11.2cm width 4.8cm  
thick 3cm



[Arch.Well13. 4.]



[Arch.Well13. 6.1]



[Arch.Well13. 6.2]

view of back

[Arch.Well13. 6.2]  
top view



**W**ood, Arch.Well13. 6.1[PC316/3]  
Wood channel. Two pieces.  
Incomplete section wood hollow with  
cross cuts from pith removal at broad  
end. Resultant slot narrows to 'v' sect. 1/3  
tree diam used with 2 outward facing fac-  
ets. Extant l. 33.7cm broad end slot width  
6.3 cms

**W**ood, Arch.Well13. 6.2[PC316/4]  
Wood channel.  
Similar to Arch.Well13.6.1 but broader.  
incomplete. ?Trough.  
Broader gully. Cross cuts within trough.  
Slightly flat bottom. Either side outward  
sloping facets.  
L.33.5cm w 12.4. Trough width 6.5cm

**W**ood, Arch.Well13. 5 [PC316/2]  
Wood bucket base disc.  
Rough circ. with very worn and irregular  
edges.  
Estimated diam. 17cm Max width 1.4cm  
exterior surface convex. Inside flat lentic  
section.



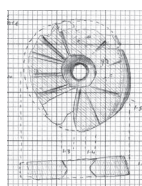
[Arch.Well13. 5]

plan view of bucket  
base disc



side view

**S**tone Arch.Well13. 8 [PC314/1956]  
Chalk carved spindle whorl.



[Arch.Well13. 8. ]

all above illustrations 1/4 full size

## Well13 continued

**Wood Arch.Well13. 7**[PC316/5/1956]  
 .?Boat tabernacle. 4 pieces.

Length: 35.5cms Width: 12.2cms

Thickness: average 6cms.

Diam central hole 15.8cms

On either side 2 slots, 1 slightly diag across plank axis. 2nd has one side of slot wall missing. Slot 1 (complete) W:4.9cms presumed same on slot 2 on correct axis. 2 outer edges of slots (away from hole) higher than inner. Outer: S1 Depth: 2cms S2 Depth: 2cms, av. Inner S1 Dep: 0.6cm. Chisel marks around edge or side of central hole, also planing down of surface around it with resultant exposure of annual growth.

At each end, on each side, but en echelon, a pair (1 each side) of dowel joints av. 7cms wide. 1 missing. Depth laterally c 5.1cms. Marked adze or plane cuts on top side.

plan view

[Arch.Well13. 7.]



above illustration 1/4 full size



[Arch.Well13. 7.]

view of reverse side  
 view not to scale



side view showing slot in wood

[Arch.Well13. 7.]

# Well14 Late Iron Age shaft base

**Well 14** Excavated by A.P.C. June 1957

A.P-C Index Card. Well 14

Location: Minnis Bay, east side. NGR:2880/1 6997

Diameter: 3'10" x 3'6". Irreg 2 sides curve to base. Depth: 3'4".

Fill: First 1'0" chalk and shell grit. Black sand for 2'0". Then thick layer pale yellow chalky clay. Dark brown earth with large flints. One thin white chalk layer and a thicker black layer with many flints.

Contents: Tile, bone, wood, stone, pottery.

**Pot Arch.Well14. 1** [IOTAS26]

Pot neck. MR N Kent fine grey 175-275AD. Ring-necked flask rim, Monaghan 1987 Type 1A1.1



[Arch.Well14. 1.]  
not to scale

[Arch.Well14. 1.]



**Pot Arch.Well14. 2** [IOTAS30]

Pot lower half including base, ribbed interior. LR Buff Nene Valley ware 250-400AD. Beaker base. Smokey finish to exterior.



not to scale  
[Arch.Well14. 2.]

[Arch.Well14. 2.]



**Pot Arch.Well14. 3** [IOTAS27]

Pot sherd base. LR Oxfordshire colour coat ware 240-400AD. Thin red-brown slip. Base of a bowl, very chipped (possibly deliberately). Sub-square ?sgraffito on base underside. Degree of ware suggests residual at time of latest discard.



[Arch.Well14. 4.]  
not to scale

[Arch.Well14. 3.]



**Pot Arch.Well14. 4** [IOTAS28]

Pot sherd base, with part side profile. LR Oxfordshire colour coat ware 240-400AD. Thin red slip. Bowl base. Heavily burnt before discard. Date based on condition.



[Arch.Well14. 4.]



**Pot Arch.Well14. 5** [IOTAS29]

Pot sherds base, 8 pieces joined. LR ?Oxford. 270-400AD. From the base of a roulette decorated bowl, with traces of poor red colour coat.

**Pot Arch.Well14. 6.1** [IOTAS25 ]

Pot sherd. Later Prehistoric flint Tempered 1550-50BC.

**Pot Arch.Well14. 6.2** [IOTAS25 ]

Pot sherds[4] LR grog tempered 270-400AD. ?Lyne 2015 Industry 7A (East Kent). 1 body sherd. 1 jar rim of Form 7A.3, 270-400 AD. 2 dish rims, ?same vessel, of Form 7A.16, c. 370-400 AD.

**Pot Arch.Well14. 6.3** [IOTAS25 ]

Pot sherds[14] LR grog tempered 270-400AD. Lyne 2015 Industry 7A (East Kent). Mostly body sherds. 1 base.

**Pot Arch.Well14. 6.4** [IOTAS25 ]

Pot sherds[4] ER>MR Various75-225AD. Including 1 ER Romanising Thanet silty ware, 75/100-150 AD. 1 body sherd Canterbury grey sandy ware, MR, 150-175 AD. 1 North Kent fine sandy, 150-225 AD. 1 grog tempered sandy Native Coarse Ware, white slip, worn, ER>MR, 125-200 AD. All fairly worn, especially the Thanet silty; all residual.

**Pot Arch.Well14. 6.5** [IOTAS25 ]

Pot sherds[5] MR various grey wares 150-250AD. Inc 1 N Kent fine grey, 1 Romanised grog tempered NCW and various sandy wares.

**Pot Arch.Well14. 6.6** [IOTAS25 ]

Pot sherd LR Oxford cream colour coat ware 270-400AD. Micaceous fabric. Probable Young 2000 form C45.3

**Pot Arch.Well14. 6.7** [IOTAS25 ]

Pot sherds[2] ?Oxford 270-400AD. 1 from a roulette decorated bowl.

**Pot Arch.Well14. 6.8** [IOTAS25 ]

Pot sherd LR Buff coarse gritted (?quartzite) ware. 300-400AD. Visually broadly similar to Eifelkeramik.



[Arch.Well14. 6.]

above illustrations 1/4 full size

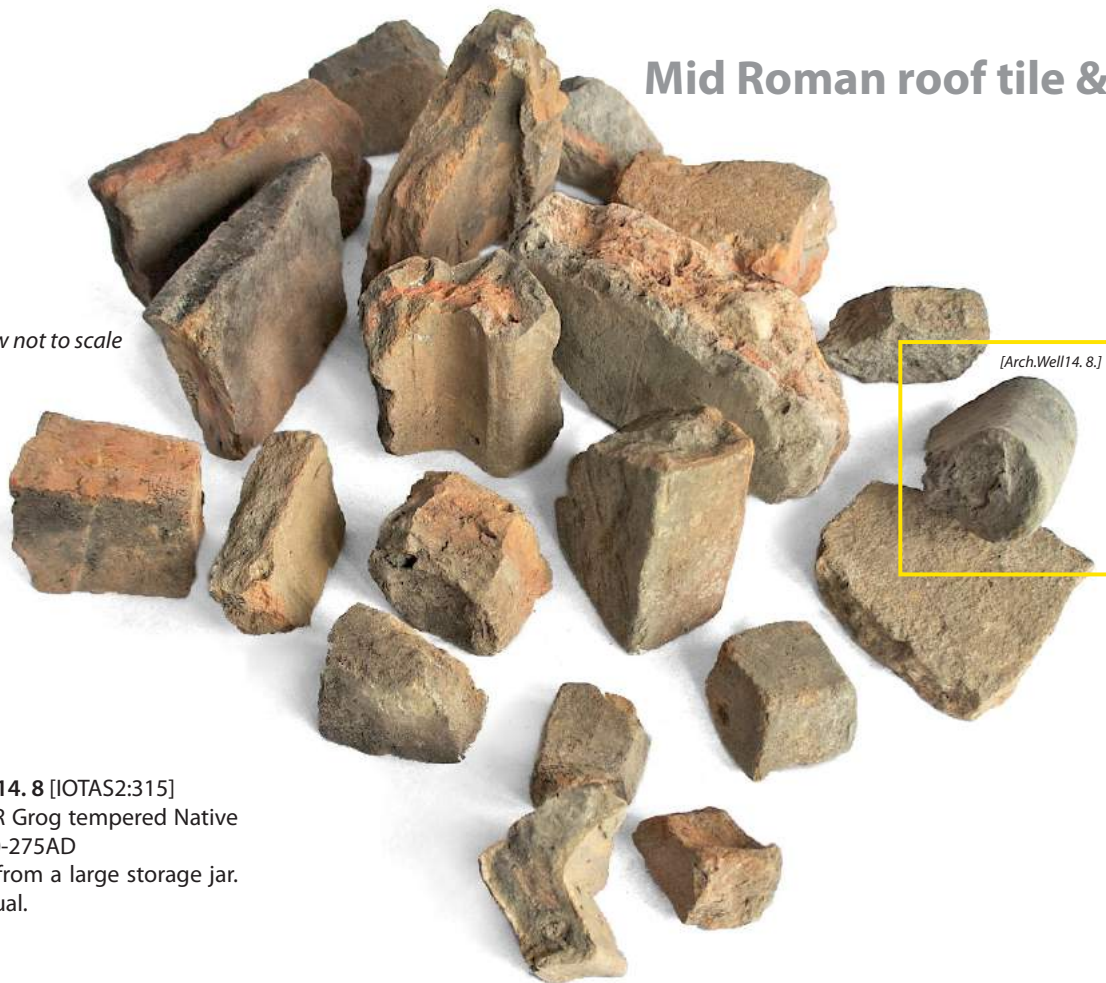
## Well14 continued

N.M-G [2016]

1 LP sherd worn, residual and probably introduced at time of well construction. Other residuals are of MidRoman date – suggesting well dug no earlier than c.150/175 AD. Well infill quite probably after c.400 AD, possibly between c.400-425 AD.

### Mid Roman roof tile & brick

view not to scale



**P**ot, Arch.Well14. 8 [IOTAS2:315]  
Pot sherd. MR Grog tempered Native Course Ware, 200-275AD  
Thick rolled rim from a large storage jar.  
Hard fired. Residual.

**B**rick Arch.Well14. 9 [IOTAS2:315]  
Brick fragments[14]  
MR 2nd-3rd century AD. Includes fragments of both worn and fresh brick, some of the latter some burnt post-fracture

**T**ile, Arch.Well14.10 [IOTAS2:315]  
Tegula sherds[3]  
MR 2nd-3rd century AD. With edges. Used fragments.

**T**ile, Arch.Well14. 11 [IOTAS2:315]  
Roof tile sherds[8]  
MR 2nd-3rd century AD. Fragments, most plain, 1 with an incised 'decoration'. 2-3 fragments fairly fresh but burnt post-fracture.

**M**etal Arch.Well14. 7 [IOTAS9:26]  
Very small metal fragment.

[Arch.Well14. 7.]



above illustration 1/4 full size

# Well15 Late Iron Age shaft base

**Well 15** Excavated by A.P-C. July 1956

A.P-C Index Card

Location: Minnis Bay, east side. NGR:2877 6998

Diameter: 5'0". Depth: 3'4".

Fill: First 4" to 5" shore top. Brown clay. Flint; shells; woody fragments. Contents: Mid to Late Iron Age up to Late Roman period. Bone, wood, stone, eggshell, leather, bronze pin, pottery, tile. Bone tools.

N.M-G {2016}:

On basis of discarded items falling in during well construction and/or backfill with long term rubbish tip at end of well use:

Well cut and in use 150/200AD continued use to 350?400AD.

Closure about 400AD



photo: July 1956 [Finnell family & A.P-C right]

**Wood, Arch.Well15. 9.1** [PC231/12]

Wood bucket base disc. Flat, edge-bevelled base. Slightly concave internal face. Some warping. Estimated diam: 19.5 cms

**Arch.Well15. 9.2** [PC231/13] Long twig stick, 2 pcs. Length 29.7cms. [Not illustrated]

**Arch.Well15. 9.3** [PC231/14] is a hazelnut shell small. [Not illustrated]



[Arch.Well15.10]



[Arch.Well15. 9.1.]  
1/4 full size

**Roof tile, Arch.Well15.10** [IOTAS168]

Tile sherds[7]



[Arch.Well15.10.]  
view not to scale

**Shells, Arch.Well15.11** [IOTAS 514]



[Arch.Well15.11.]

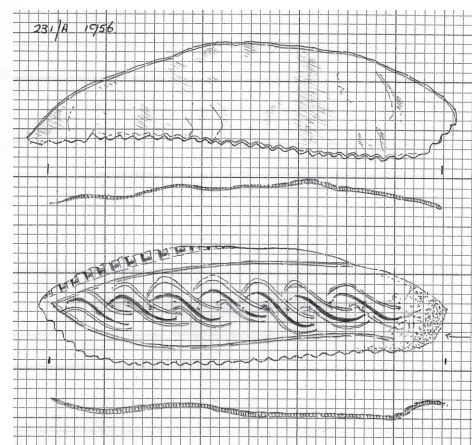
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[n.b. all leather illustrations & drawings are half full size]

**Leather Arch.Well15. 1.1** [PC231/1A]  
 Part leather sandal. RB date.  
 Length 11.2cms Width 2.5cms Thick 1mm. Upper. 1 of a pair. This one plain apart from decorative serrated edges. Curved.



[Arch.Well15. 1.1.]



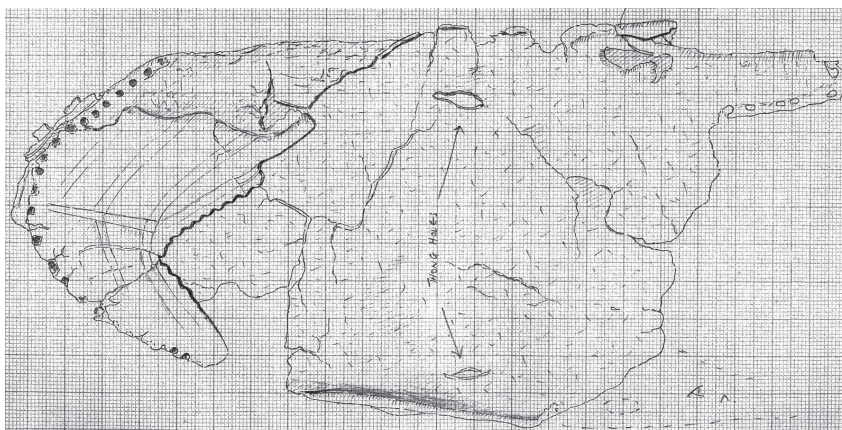
**Leather Arch.Well15. 1.2** [PC231/1B]  
 Part sandal - decorated. RB date.  
 Sim. shape as 1.1 but broader narrower end lost. same basic curved shape. Bottom edge serrated like 1.1 but also around broad tip. Top edge - 1/2 length also serrated but really more stamped eg rouletted. Central panel of incised dec. in cable pattern inside incised line coming to point at broad end. Top edge, cut away, either before use or as re-cut leather waste wit roulette wheel cuts as rectang teeth.



[Arch.Well15. 1.2.]

**Leather Arch.Well15. 2** [PC231/2]  
 Leather slipper 2/3 complete. RB date. Toe and cap area complete. Majority of sole. Heel area missing. Edge-flesh stitch around toe area and heels, where some re-inforcement to the sole may have occurred. Wide V-shaped throat with serrated edges. Clumsily designed but well executed. Upper toe decoration central panel of 2 lines from V base - toe point with other pairs lines sloping back diagonally from central line to sides. 2 medial tie thong holes 1cm & 1.5cm left and right respectively. Seperate piece back heel area with thong hole. Stitch holes 3 per cm average. Fullest extant: Length 13cms Breadth 11cms

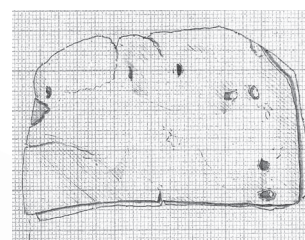
[Arch.Well15. 2.]



**Leather Arch.Well15. 3** [PC231/10]  
 Part leather boot/shoe. RB date. Very Frag.state. Hobnailed boot? Toe area of sole made up of 2 pieces leather about 1mm thick with lump of much corroded iron attached. This on left side. 2cms down sole same side iron staining. 2 very frag sole areas with 2 def. cutholes 2.3cms apart and 7mm diam. ?for hobnails. Seperate and?from same boot/shoe. Prob yes. 5 pieces leather. 1 fragmented thin with leather thong now attached but not original. Remaining 4 pieces in groups of 2 from heel area but probably not same.



[Arch.Well15. 3.]



[Arch.Well15. 3.]

**Leather Arch.Well15. 4.1** [PC231/3]  
 Part leather footwear. RB. Very fragile. Parts of sole, few frags uppers. 1 piece with stitch or thong holes. 1 piece with tie-thong. Possible fragment showing decoration. If dec object prob from slipper.

**Leather Arch.Well15. 4.2** [PC231/4]  
 Frags of leather from slipper/sandal. RB date. ?same object as 8.1. This also has definite double incised line decoration as Arch.Well15. 2 so almost undoubtedly from a slipper with V throat just behind toes. 1 frag with much decayed thong in situ, and strip with stitch holes. 1 piece thong and various frags. Stitch holes: 2per cm.

**Leather Arch.Well15. 4.3** [PC231/5]  
 Parts leather sandal or slipper. RB date. Various frag. ?slipper pieces. Largest piece has thin 1-2mm wide thong stitching. Probably whole from upper or side of slipper around heel. ?part of 8.1 & 8.2



[Arch.Well15. 4.3.]

**Leather Arch.Well15. 4.4** [PC231/11]  
 Leather slipper? RB date. (appended till fragmentary state co-ordinated) Estimated length 25cm max width 8cm. Sole. Thonged sole and side upper.

## Well15 continued

[n.b. all leather illustrations & drawings are half full size]

### Leather Arch.Well15. 5 [PC231/9]

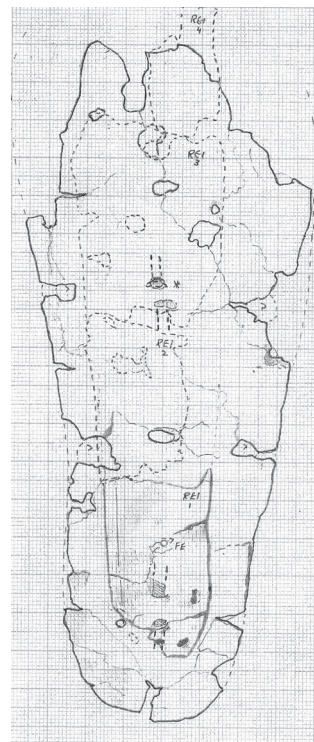
└ Sole of slipper/sandal. RB date.

Sole right foot, Width 7cm tapering to 3.5cm at heel single pce. leather prob orig. 2mm thick now about 1mm. No apparent stitch holes around extant sole. However apparent notches 2 per side approx opp and roughly centre of length may indicate sandal straps. reinforced central leather strip 2mm. th. -1.5cm at heel widening to 3.7 cm has been attached to the wider lower sole. At heel end 3 def. 1 or 2 presumed stitch holes. Do not however go through to lower sole which suggests poss use of leather off cuts.

Central row stitches in pairs about 30.5mm - 40mm apart. or 4cm 1 surviving pce. thong at heel end 3 mm wide. Left hand side reinforcing leather has knife cut 3mm in from edge.



[Arch.Well15. 5.]



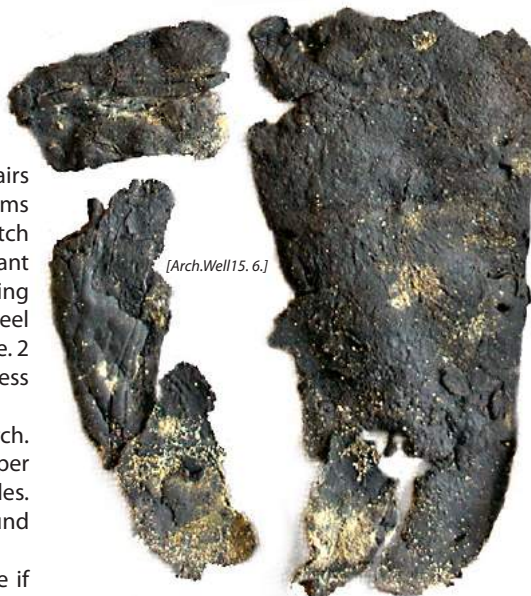
### Leather Arch.Well15. 6 [PC231/8]

└ Heel, leather slipper sole. RB date.

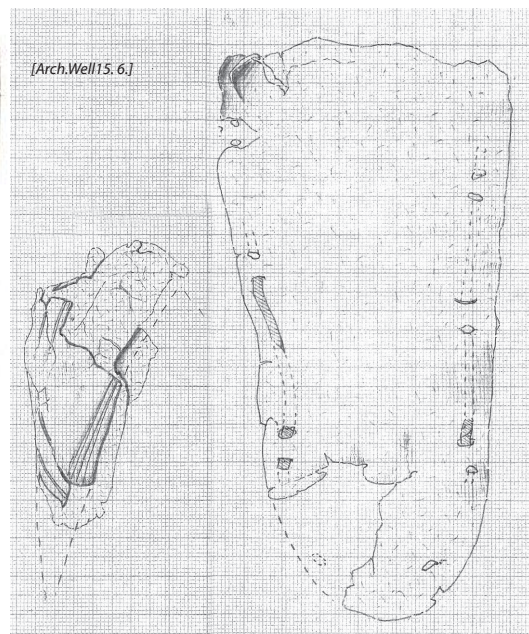
(1) Heel-1/2 sole. Left foot. Fairly regular break across middle foot looks as if sole in 2 parts? W.max: 7.5cms narrowing to about 3cms at heel back. L: 15cms. along both sides pairs of thong-holes. 3 on right side 2.5cms apart 2 on left 3cms apart. Single stitch holes around heel presumably, 1 extant prob. 2 more orig. Grain-flesh stitching placed nearer edge towards the heel back. Some still with thong 3mms wide. 2 pieces leather forsole make up each less than 1mm thick.

(2) Part dec. upper and throat. Like Arch. Well25. 2. stitching appears around upper toe region, not complete down toe sides. Only on 1 side. Dec: 2 incised lines round throat edge.

(3) Possibly part of sole area (left side if so) again 2 Piece sole joined with thong through paired holes at 2.5cms apart.



[Arch.Well15. 6.]



[Arch.Well15. 6.]

### Leather Arch.Well15. 7 [PC231/6]

└ Part sole ? toe area shoe. RB date.

Left foot. Lower has stitch holes at 2 per cm. well in from edge - at least 5mm. This suggests that uppers were folded over - either outside edge of sole or inside and sewn through fold. Various other frags. with stitch holes - from sides. Strange curled strip with incised line tooling.

### Leather Arch.Well15. 8 [PC231/7]

└ Parts leather slipper. RB date.

Various slipper or shoe frags. Interesting part heel 2 pieces edge sole and uppers with stitch holes at diff. distances:

(1) 2 per cm. spaced holes with narrow 2mm wide thong and (2) wider 1 per cm. spaced holes with wider 3-4mm thong. Also tie thong 7mm wide with ? decorative stabs or stitch holes.



[Arch.Well15. 8.]



sketch of thong stitching [Full Size]

all above illustrations 1/2 full size



## Well15 continued

**P**ot Arch.Well15.12 [IOTAS2123]  
Pot base with tituration grits MR>LR  
Lower Nene Valley Mortaria 200-300/350AD.



[Arch.Well15.12.]



**P**ot Arch.Well15.13 [IOTAS2124]  
Pot lower half including base, lightly ribbed interior.  
Late Roman Mayan ware [Eifelkeramiik]  
300-400AD



[Arch.Well15.13.]



**P**ot Arch.Well15.14.1 [IOTAS22]  
Pot sherds[2] Early R. S Spanish Dres-  
sel 20 amphora Mid-Late 1st century AD

**P**ot Arch.Well15.14.2 [IOTAS22]  
Pot sherd Early>Mid Roman S Spanish  
Dressel 20 amphora Late 1st-2nd century  
AD

[Arch.Well15.14.]



**P**ot Arch.Well15.15.1 [IOTAS18]  
Pot sherd LIA Belgic style grog tem-  
pered 50BC-25/50AD

**P**ot Arch.Well15.15.2 [IOTAS18]  
Pot sherd LIA Belgic style grog tem-  
pered 25-50/75AD

[Arch.Well15.15.]



**P**ot Arch.Well15.15.3 [IOTAS18]  
Pot Flagon small sherd pink-buff fine  
sandy 150-250AD

**P**ot Arch.Well15.16 [IOTAS2:822]  
Pot sherds[168] various pots including  
rims and bases.  
[refer to PCM Arch Artefacts Index for detailed  
analysis. Arch.Well15.16.1 to Arch.Well15.16.52]



[Arch.Well15.16.]  
sample selection  
not to scale

[Arch.Well15.16.]



all above illustrations 1/4 full size

## Well15 continued

**S**tone quern Arch.Well15.17  
excavated 1956  
quern pieces [10]

[Arch.Well15.17.]  
not to scale



**S**tone Arch.Well15.18  
excavated 1956  
stone pieces [14].

[Arch.Well15.18.]  
not to scale



**B**one shuttles, Arch.Well15.19 [PC307]  
Found in last 6" of fill.

[Arch.Well15.19.]  
1/4 full size



[Arch.Well15.19.]  
not to scale



## Well16 presumed animal pit

**E**xcavated 1957 : No finds.  
Presumed modern animal grave.

A.P-C Field Book 6 p33-3 4:

April 1957

*Wed Dug out 16 Melvin's circular 32" dia 28" depth. Very dry & quick to empty. Horrid black smelly sand - decayed weed I guess. Sides stained black or could this be iron stained.*

*Thurs Dug out hole 16 photoed it. N.E. gale + sharp showers more shore cleared of sand.*

A.P-C Index Card Well16: 1957:

*Location: Hotel end of prom. Appeared to have been dug before  
Measure: Roughly circular 32" diam depth 28" Base uneven - walls slope gradually.*

*Fill: Very dry horrid black smelly sand - ?decayed seaweed - sides stained - from ?this or iron. 1 chunk chalk has a groove which had it been sandstone one would think made in smoothing or sharpening. One worn sherd thick black picked up after Melvin had finished digging out. Thought this was an 'old' hole No2 at the time. M. said no finds.*



photo: 1956 [APC 6/1]



photo:1956 [APC 6/2]

## Well17 Late Iron Age shaft base

**Well 17** Excavated by A.P-C. January 1959

A.P-C Index Card Well17

Location: Minnis Bay, east side. NGR:2876 6998/9

Diameter: 2'6" to 2'9". Squarish. rounded corners, straight sides, irregular bottom Depth: 2'9".

Fill: First 1'6" disturbed with original filling and shore top. Grey-buff clay. Black sand and chalk and shell grit. Undisturbed: yellow chalk. Grey earthy clay. Chalk and then greeny clay.

Contents: Flat disc chalk, whalebone, corroded iron stuck to piece grindstone, sherds, pot.

[Field Book 9 p37-40, 43-44]

N.M-G [2016]

Nothing pre-c.150/175 AD recovered; presence of scorched wares, albeit not seriously hard-fired, confirms an earlyish MR placement for the first two entries. Suggests well dug mid-later second century AD Most bodysherd elements small and worn. All these elements residual compared with complete funnel-necked beaker. Latter's condition suggests well infilled no earlier than c.275/300 AD, more probably early within c.300-350 AD.



photo: 1959 [APC 14/2]

### Pot Arch.Well17. 1 [PC233/1959]

Beaker or pot [complete restoration] of fumed grey clay black slip Belgic type cordoned rim.

Length 6 7/8" diameter 5 1/8"

Mid Roman North Kent fine grey 250-300AD. Restored full profile of a funnel necked beaker, Monaghan 1987 Type 2C2, 250-280 AD. Pollard suggests 3rd-4th C. No decoration. ?Original hole in the base with worn edges.

late 1st cent A.D. Mr Norman Cook May 1959



[Arch.Well17. 1.]



### Pot Arch.Well17. 2.1 [IOTAS2:848]

Pot sherds [2] MR Kentish grey sandy (scorched) 150-200AD. Conjoining rim from Monaghan 1987 Type 4A2.2, with Type 4A1 incised decoration.

### Pot Arch.Well17. 2.2 [IOTAS2:848]

Pot sherds[3] MR Kentish grey sandy (scorched) 150-275AD. Conjoining sherds from rim of a Monaghan 1987 Type 3H2 jar. Not very hard fired.

### Pot Arch.Well17. 2.3 [IOTAS2:848]

Pot sherds[2] MR Grog tempered NCW (scorched) 175-275AD.

### Pot Arch.Well17. 2.4 [IOTAS2:848]

Pot sherds[7] MR various grey wares 150-250AD. Mostly sandy wares, but including 1 N Kent fine grey. Most rather worn.

[Arch.Well17. 2.4] 7 sherds



[Arch.Well17. 2.3]

[Arch.Well17. 2.1]

[Arch.Well17. 2.2]



[Arch.Well17. 2.1]

pot rim  
not to scale

above illustration 1/4 full size

## Well18 recent sheep pit



photo:1959 [APC 13/1]

### Pit 18 Excavated by A.P-C. 1958

A.P-C Index Card Well18

*Recent sheep grave.*

*Location: E of Well14*

*Size: c.5' x c.1 1/2' irregular rectangle - N - S c.10" deep.*

*Fill: appeared recent throughout - chalk grit & blackish sand. 1 oyster, 1 yellow winkle - 1 iron 'bar'.*

*Finds: Parts of 2 skulls of y. adult sheep & many bones, ribs vert, & limb therefore I'd say buried drowned animals rather than food bones.*

*Perhaps after 1953 flood - or 1939-45 war or 1914-18.*

A.P-C Field Book 9 p18 21st Oct. 1958

*Recent sheeps grave about 5'0" x about 18" irregular about 10" depth. Bones of 2 youngish animals I think- in chalk, grit & blackish sand - 1 oyster 1 yellow winkle - 1 iron bar.*

## Well19 presumed animal pit

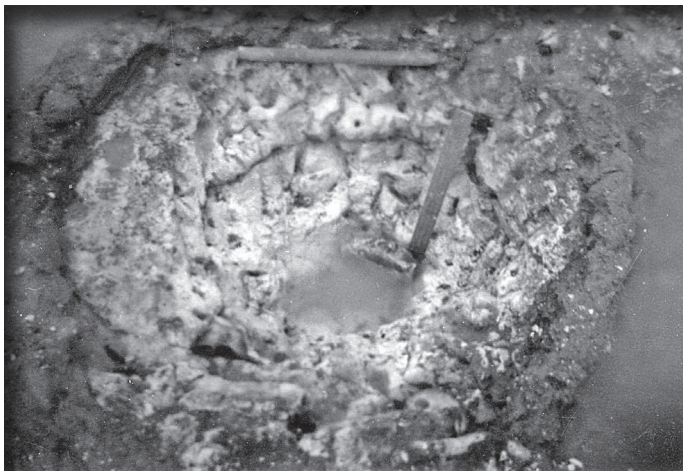


photo: 1959 [APC 17/8]

### Pit 19 Excavated by A.P-C. 1959

A.P-C Index Card Well19

*v.small & shallow - tapers to base - some grooves on wall - ?could be tool marks - 1 frag yellow stained chalk at bottom. Finds nil.*

*No finds. Presumed modern animal pit [Field Book 10 p45, 54-55]*

A.P-C Field Book 26th June 1959

*May 1959 Tiny well. Chalk grit for 6" few small oyster replaced in hole - dug blind by hand - so far no sign of mud or silt needs putty dam - not probed.*

*Well 19 11" deep 1'9" diameter.*

## Burchell Shaft [see Well20]

**E**xtract from "The Times"; 31st May, 1949.

### EARLY RITUAL PIT.

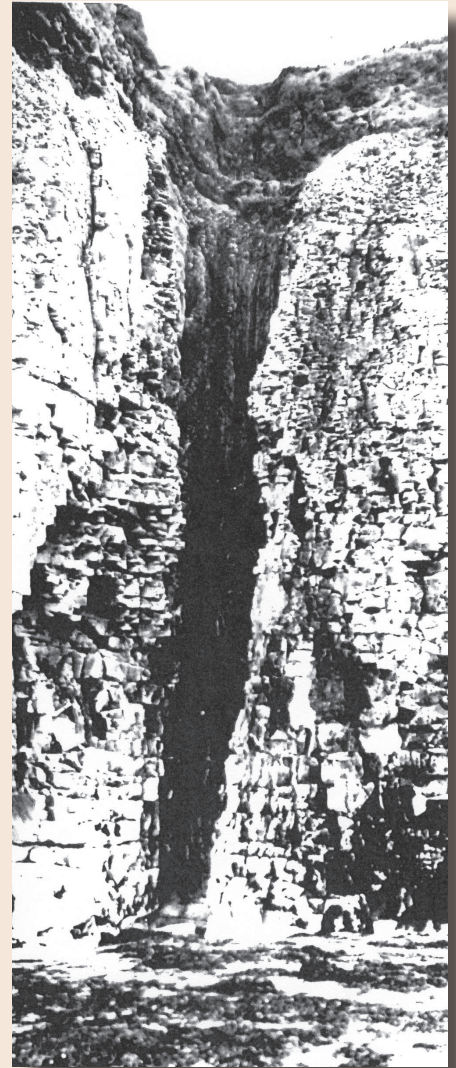
*'Bones and oysters in Kentish Shaft.'*

*In the spring of 1947 Mr R.L.Carr of Birchington, Kent, noticed that recent heavy seas had exposed, in the cliff a circular shaft sunk through the chalk, having a diameter of about 2 feet 6 inches. This was suspected to be another of the remarkable "Ritual pits" to which attention was drawn in 'The Times' of December 2nd 1948.*

*Major J.P.T.Burchell, representing the British Museum, has recently examined the base of the shaft; a difficult task that could only be carried out between tides and would have been impossible without the active help of the Borough Surveyors dept; of Margate Corporation.*

*The shaft is 32 feet deep and has a flat bottom. There are foot holds cut in the first 21 feet of the descent. Its filling contained in the first 27 feet the remains of ox and horse, together with a few pieces of Romano-British pottery. At the 27feet level a large, roughly circular piece of sandstone, some 4" thick, and pierced with a central hole, was across the shaft, resting at a slight angle and almost filling it.*

*At the depth of 30 feet were found a horse's skull, a few bones and some pieces of oak, including two short stakes. Below this, in the last 18" of the infilling, was a, most curious deposit of several hundreds of unopened oyster shells, a find resembling that of some 400 unopened oysters in a Gallo Roman ritual shaft at Trousepoil in France. Close to the Birchington shaft were two interconnected hollows cut into the chalk. The infilling of these hollows yielded Romano British potsherds, animal bones and edible marine shells.*



## Late Iron Age shaft bases Well9 to Well30 summary.

**F**ollowing the discovery and partial excavation by Jimmy Beck of Holes 1 to 8 in 1938 and Carr's discovery and Burchell's examination of a cliff shaft in 1948 [later identified as Well20 see page 49] Antoinette Powell-Cotton revisited these foreshore holes from 1954.

Whilst finding more shaft bases from the outset as stated, A.P-C also completed the excavation of the Beck Holes during 1957. The final shaft Well30 was excavated in 1966 and measured in 1977, providing a full description of finds and pit construction as it was considered to be typical of the well shafts.

Of the 30 prefixed 'Well' excavations, eight were recent animal burial pits. Generally these were excavated and recorded. These pits are not shown on location plans but are noted in sequence in the following pages to provide continuity.

In the early 1960s the construction of the current promenade started. It was the demolition of the leading cliff face and removal of a chalk stack that led to the discovery of Well30.

Prior to and during the time of the cliff removal and sea defence construction, A.P-C also excavated the cliff top pits.



*1960s photograph of the cliffs prior to the building of the promenade*

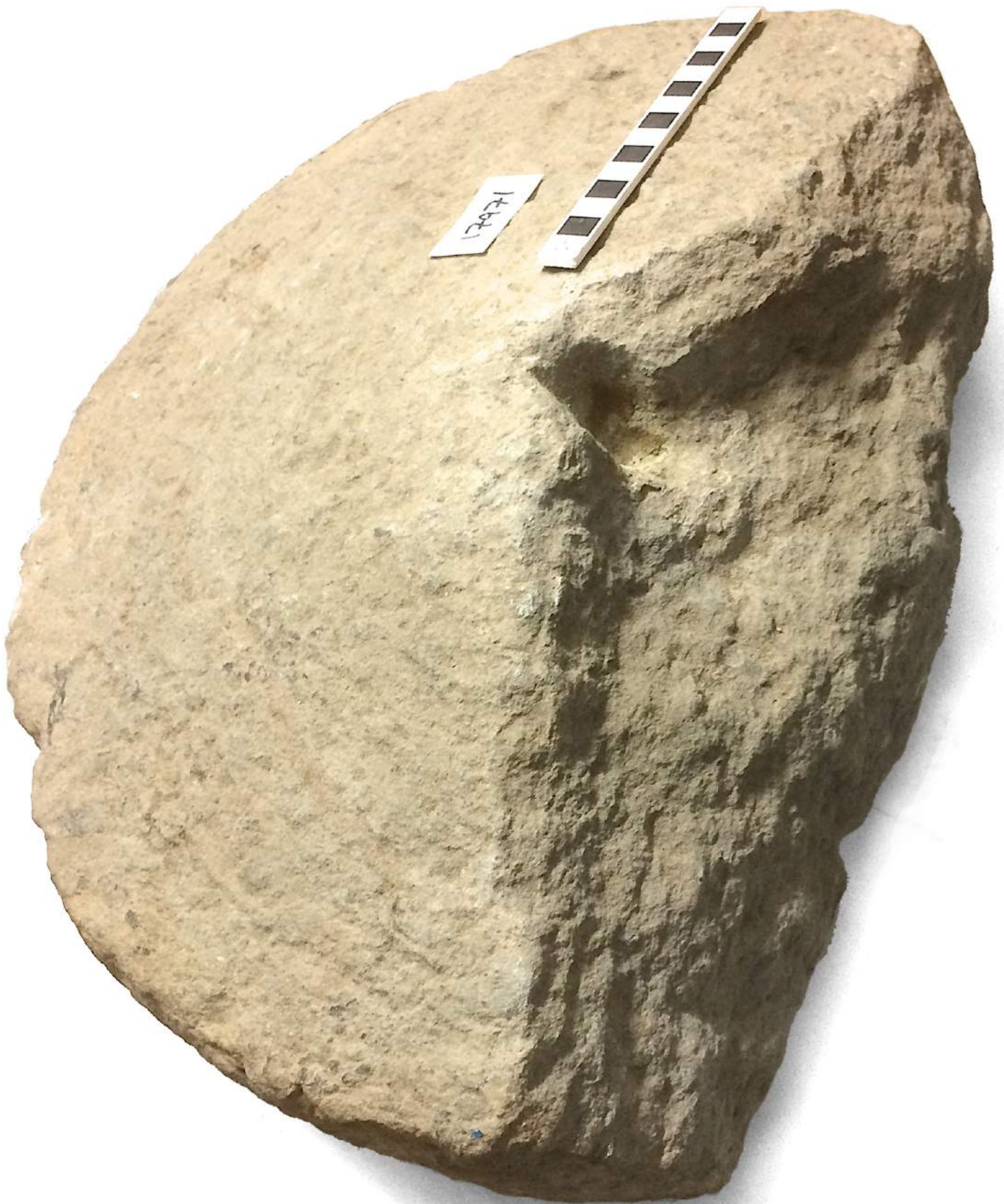


*1960s photograph of the chalk stack adjacent to Well30. Left end of aerial photograph.*

*1950s aerial photograph of Minnis Bay cliff before the 1960s sea defences & promenade were built.*



**'Sussex' Quern stone from Well27**



approx full size Arch.Well27. 7



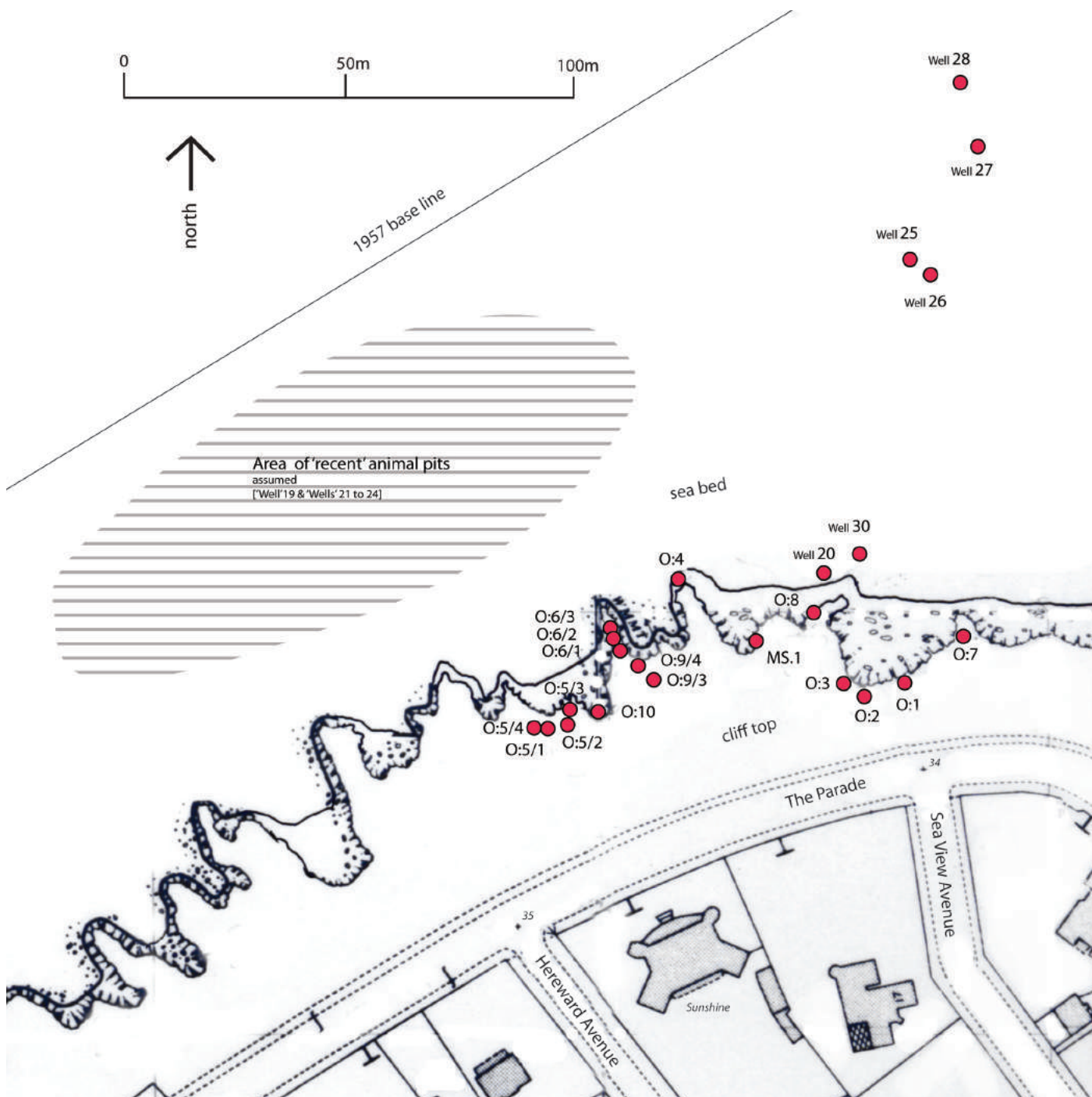
<b>Plan and Sequence of LIA shaft bases</b>		page 48
<b>Well20.....LIA 'shaft base'</b>	<b>[1954]</b>	page 49
<b>'Wells'21-24.....recent animal pits</b>	<b>[date unknown]</b>	page 50
<b>Well25.....LIA 'shaft base'</b>	<b>[1963]</b>	page 51
<b>Well26.....LIA 'shaft base'</b>	<b>[1963]</b>	page 54
<b>Well27.....LIA 'shaft base'</b>	<b>[1965/67]</b>	page 55
<b>Well28.....LIA 'shaft base'</b>	<b>[1965]</b>	page 57
<b>Well29.....LIA 'shaft base' [dug by others]</b>		page 57
<b>Well30.....LIA 'shaft base' [Section4]</b>		page 59

## Plan and Sequence of pits Well20 to Well30 & Cliff top pits.

These shafts/pits are located on the foreshore at the headland between Minnis Bay & Grenham Bay opposite Sea View Avenue of the current cliff top housing. Wells 21 to 24 [ & 19] are the 'recent' animal burial pits, shown by the shaded area.

Wells 20 and 25-30 are the shaft bases in the sea bed. Well 19 being further north [off the plan], said to have been excavated by others unknown.

The O: pits together with MS.1 are all excavations completed by A.P-C on the cliff top prior to the reforming of the cliff line and construction of the protective promenade.



## Well20 Late Iron Age shaft base

**Well 20** Excavated by A.P-C. August 1954

A.P-C Index Card Well20

*Location: Minnis Bay [nr. Grenham Bay]. NGR:2995 7001*

*Diameter: main well base 2'10"x 2'6". circular with flat bottom*

*Depth: [1954] 8'0".*

*Fill[1954]:Traces of grey clay on sides and bottom. Previous digging very apparent*

*Contents: Wood [1954], pottery, bone, wood ,many oyster shells, stone.*

*[also known as Herford Hole in 1954?]*



As previously stated in 1948 Major J.P.T.Burchell of the BM with Mr Roy Carr the finder, and others examined a shaft in the cliffs as reported in the Times 31st May 1949. [see p.44]

There is the additional information from Mr and Mrs Carr, that at that time there were 2 shafts, one further inland than the other and that it was possible to climb through one of these. Also that there were some pits on the cliff close to Burchall's shaft and that the Margate borough engineer broke through a part of the cliff thus opening up the shaft completely to facilitate excavation. The Romano British material recovered, photographs and Major Burchell's notes are all housed in the British Museum.

The severe damage suffered along the East coast during the winter of 1953-4, caused an acceleration of the erosion of the cliff face here and a chalk stack was formed at a weak point .

Shafts 20 and 30 are very close to the site of this stack and we believe them to be those investigated by Major Burchell. The Borough Engineer (Mr Sewell) and the Carrs have roughly verified the locality but due to further erosion of the cliff both found absolute certainty impossible. When pit 20 was rediscovered in 1954 it was 8 feet deep, this is the deepest yet found, by A P-C, on the shore. It has an unusual channel running in towards the circular pit proper which could be explained by the breaking through to the shaft by the engineers prior to excavation. In only the crevices of the pit walls were there traces of grey silt so typical of the filling found in these shaft bases on the shore while the rest of the pit filling was modern. Several large oyster shells were found which had been such a feature of Burchell's shaft.



## Not 'Wells' but animal burial pits.

### Well21 recent animal pit

**P**it 21 [Field Book 9 p.46-47]  
*Minnis Bay beyond end of prom. check I think another. E. end of Grenham close to prom. Bones in Museum collected by Mr P. Finds not collected - no skull; large bones cattle or horse.*

### Well22 recent animal pit

**P**it 22 [Field Book 9 p.21-22]  
*Recent. Shell & chalk grit + black sand- large limb + vert. bones - 6 hoof rather small - tail vert. bones & outer length articulated - also one limb - only ribs - no pelvis, no skull - 1 tooth, dung green & yellow & recognisable as such - although the chalk lumps of filling look almost natural. Lester Barton remarked the recent filling could have been dumped in ancient holes. In the 'sheeps grave' there was no indication of ancient fill, this last hole we did not scour out well from lack of time but I saw no signs of clay or earth.  
About 1'0" deep 6 1/2' x 3 1/2' - roughly dug straight sides.*

### Well23 recent no finds

**P**it 23 [Field Book 9 p.29]  
*Dug recent. Grenham nil finds 1' deep 3x4ft. oval - black sand & black stained chalk - & soft homogenous chalk ? puddled - for lime or what.*

### Well24 recent

**P**it 24 [Field Book 15 or 16 first three pages]  
A.P-C Index Card Well24  
*Not dug. Dec 1962 Location: Minnis - Grenham - Recent.  
Finds: Bone not collected*

## Well25 Late Iron Age shaft base

**Well 25** Excavated by A.P-C. February 1963

A.P-C Index Card Well25

Location: Minnis Bay [nr. Grenham Bay]. NGR:2907 7009

Diameter: 3'3"x 3'6"at top; 2'0"x 3'0"at base. 3 tapering sides. Depth: 4'0".

Fill: Chalky silt with no finds for top 2'0". From 2'0" to 4'0" thin brown soil layers [horizontal]. Pale grey silt. Crushed chalk grit on bottom.

Contents: pottery, stone, iron, wood.

Thompson (1982,620) : 25 with a sandy white amphora rim, a jug fragment with white paint; Roman sherds; and pieces of quern and shaped wood:

N.M-G [2016]

First, flint-tempered element, probably introduced during primary construction of well. High Conquest-period component suggests well construction unlikely much earlier than c.25 AD. Well infill between c.150-200 AD or slightly earlier.



### Wood Arch.Well25. 5

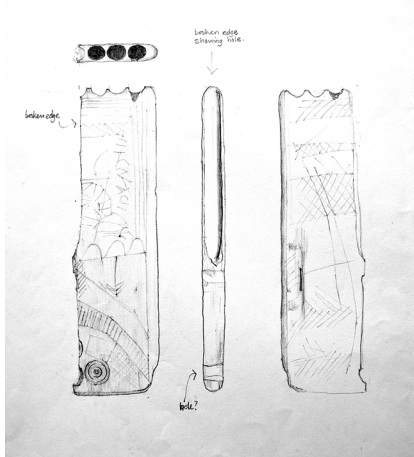
[PC285/1963]

Decorated wood item with bored holes. Length: 16.2cms extant width: 4.5cms thickness: av. 1.1cm.

Slight longitudinal curve. Rounded edges. 4 graded holes lengths from broken side: 1st 9.3cms 2nd 10.2cms 3rd 11.6cms 4th 9.2cms. holes diam. 0.8cm.

Decorated both sides. Dot-and-ring punch, one complete plus outer ring of another. Various scratched decs: a wheel, arrow, hatchings and shaded areas. Just over half length 3 incised semi-circles based on a straight line which coincide with same actual cut shape at hole end. Either just decoration or poss. more likely guidelines for cutting and hollowing to complete into ?'panpipes'.

X-ray shows traces of iron impregnation.



[Arch.Well25. 5.]  
photo of  
Arch.dwg.57

1/4 full size



**Stone Arch.Well25. 6**  
Quern stone. Broken 1/3rd with central hole and recess in scored surface. Rounded underside.

view not to scale

[Arch.Well25. 5.]  
Approximately  
Full Size

## Well25 continued

**Pot 1 Arch.Well25. 1 [PC270/1963]**  
 Large cooking pot [restored] Lattice decoration, v.thin base. Very sooty particularly inside.  
 height 8 1/2" diameter 7" Cir: 23"  
 Early>Mid Roman N Kent Thameside fine sandy (BB2). 125-175AD.  
 Restored cooking jar of Monaghan 1987 Type 3J1, with acute lattice decoration (neatly executed) between burnished borders.



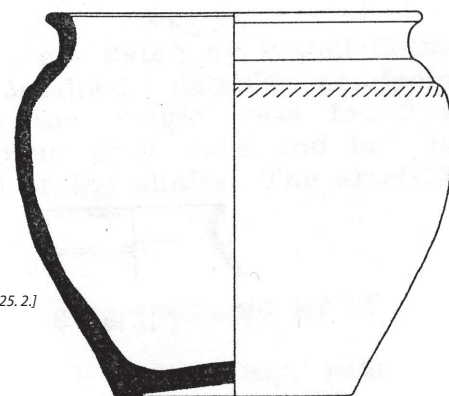
[Arch.Well25. 1.]



**Pot 2 Arch.Well25. 2 [PC269/1963]**  
 Large pot [fragmentary] partial restoration, double groove below rim and slashed decoration, not sooty.  
 height 8" diameter 7 3/4"  
 ER Romanising grog tempered 75-125AD.  
 Near complete, restored, modified ripple necked jar with slashed decoration underneath. + 10 sherds from this vessel derived from other bags.



[Arch.Well25. 2.]



© Thompson [1441]

*Thompson (1982,620) : [1441] not in series. 269/1963.  
 Roman: course grey, grog, course patchy HM, grog, well restored from many pieces, dark grey surfaces.*

**Pot 3 Arch.Well25. 3 [PC268/1963]**  
 Small pot restored. Small carinated pot [blackened exterior originally]  
 height 4" diameter 4 5/8"  
 ER N Kent fine grey. 50-125AD.  
 Restored carinated beaker of Monaghan 1987 Type GO



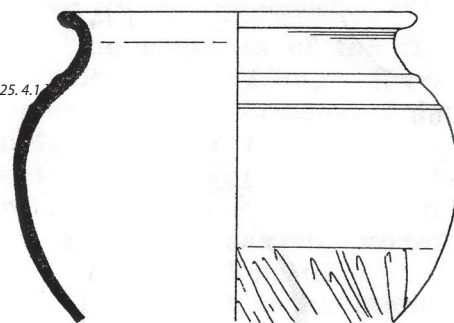
[Arch.Well25. 3.]

**Pot Arch.Well25. 4.1 [IOTAS1293]**  
 Large pot partly restored major portion of rim and top part from 36 sherds.  
 Late Iron Age>Early Roman 'Belgic' style grog tempered 25-75AD.  
 Highly fragmented sherds from a Thompson 1982 Type B3-4 cordoned jar, wheel finished. Sherd breaks are very worn, but it does restore to at least the upper half of the jar.



[Arch.Well25. 4.1.]

[Arch.Well25. 4.1.]



© Thompson [1440]

*Thompson (1982,620) : [1440] B3-4. Soft brittle brown, grog, dark grey surfaces, probably Roman.*

**Pot Arch.Well25. 4.2 [IOTAS2041]**  
 Pot sherds[170] [from same vessel as Arch.Well25.4.1]

[Arch.Well25. 4.2.]

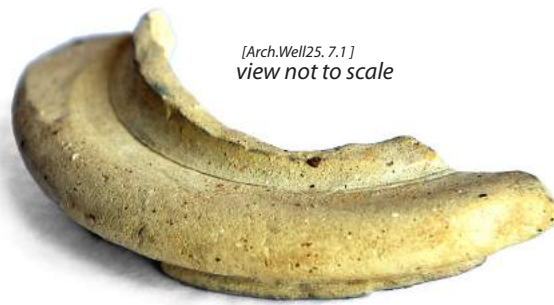
[Arch.Well25. 4.3.]

**Pot Arch.Well25. 4.3 [IOTAS2042]**  
 Pot sherds[9] [from same vessel as Arch.Well25.4.1]



# Well25 continued

**Pot Arch.Well25. 7.1** [IOTAS 2180]  
 Pot sherd part rim.  
 Early Roman 75-150AD ?Kentish cream moderately sandy. From a flanged rim flagon. Probably residual.



[Arch.Well25. 7.1]  
 view not to scale

[Arch.Well25. 7.1]



[Arch.Well25. 7.2]

**Pot Arch.Well25. 7.2** [IOTAS 2180]  
 ER pot sherd small fragment. Southern Spanish Dressel 20 amphora . Condition and size suggests a mid to late 1st century AD acquisition.

**Pot Arch.Well25. 8.1** [IOTAS2178]  
 Pot sherds[3]. Base & rim of shallow dish. LIA>ER Sandy ware. 25-75AD. 3 conjoining sherds from a copy of a Belgic platter



view not to scale

[Arch.Well25. 8.1.]



**Pot Arch.Well25. 8.2** [IOTAS2192]  
 Pot sherd.  
 LIA 'Belgic' style grog tempered 50BC-50AD. From a comb finished storage jar. Internal unifacial damage may be due to use wear.

[Arch.Well25. 8.2.]



[Arch.Well25. 9.1.]

[Arch.Well25. 9.2.]

[Arch.Well25. 9.3.]

**Pot Arch.Well25. 9.1** [IOTAS2196+]  
 Pot sherds[4] ER N Kent fine ware 75-150AD. 1 oxidised, with white slip, from a flagon.

**Pot Arch.Well25. 9.2** [IOTAS2197+]  
 Pot sherds[2] Later Prehistoric 600-50BC flint tempered both refired.

**Pot Arch.Well25. 9.3** [IOTAS2179+]  
 Pot sherds[19] LIA 'Belgic' style grog tempered 50BC-50AD. Small scraps. 8 from a single comb finished jar.

**Pot Arch.Well25. 9.4** [IOTAS2197]  
 Pot sherds[6] LIA>ER Thanet silty ware 25-75AD  
 Mostly small, rather worn. 1 rim 50-75 AD; rest 25-50 AD.

1 sherd oxidised and from a very large diameter storage jar with horizontal band of stalk end impressions.

**Pot Arch.Well25. 9.5** [IOTAS2197]  
 Pot sherds[8] ER Romanising grog tempered 75-125AD. Rims of 2 jars/bowls represented.

**Pot Arch.Well25. 9.6** [IOTAS2197]  
 Pot body sherd. ER Canterbury[?] grey sandy 100-175AD



[Arch.Well25. 9.4.]

[Arch.Well25. 9.5.]

[Arch.Well25. 9.6.]

above illustrations 1/4 full size

## Well26 Late Iron Age shaft base

**Well 26** Excavated by A.P-C. 1963

A.P-C Index Card Well26

*Location: Minnis Bay [nr Grenham Bay]. NGR:2908 7008*

*Diameter: 3'0"x 3'3" roughly rectangular. Depth: 4'0"*

*Fill: Grey silt at bottom, otherwise loose sand. Chalk grit, masses of peaty wood deposits, many flint nodules. Probably modern disturbance.*

*Contents: Scraps of stone, pottery, bone, wood, and iron.*

N.M-G [2016]

*Small collection of small sized, worn, material.*

*Nothing need date before 75-100 AD and nothing is obviously later than 200 AD. Life of well perhaps during the 2nd C AD, unless these sherds arrived intrusively during the construction of the well in a later period.*

**Stone Arch.Well26. 4**

excavated 1963  
stone pieces [3]



[Arch.Well26. 4 .]  
not to scale

**Pot Arch.Well26. 1.1** [IOTAS2:824]

Pot sherd Early Roman Colchester black colour coated ware 125-175AD. Small sherd from a beaker.



[Arch.Well26. 1.]  
1/4 full size

**Pot Arch.Well26. 1.2** [IOTAS2:824]

Pot sherds[2] ER N Kent fine 75-150AD. Small scraps. 1 buff from a flagon. 1 grey.

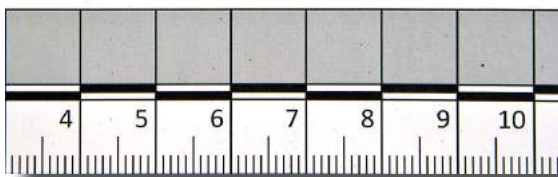
**Pot Arch.Well26. 1.3** [IOTAS2:824]

Pot sherds[2] MR various 125-200AD. 1 fine sandy ware rim. 1 red coarse sandy ware body sherd with large quartz grits . 1 small flake from brick/tile accompanying the 2 pot sherds

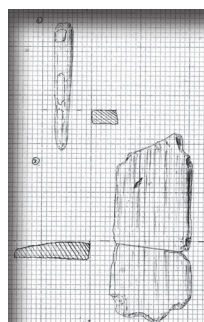


[Arch.Well26. 2.]  
full size

**Metal Arch.Well26. 2** [IOTAS9:34]  
strip of metal. Not identified.



**Wood Arch.Well26. 3** [Arch.dwg.48]  
Small pieces of wood[2].



[Arch.Well26. 3.]  
1/4 full size  
[1inch graph paper]



# Well27 Late Iron Age shaft base

**Well 27** Excavated by A.P.C. 1965/66/67

A.P-C Index Card Well27

Location: Minnis Bay [nr. Grenham Bay]. NGR:2910 7010

Diameter: 3'0" square wth rounded coners

Depth: 1'0" further excavated [check records 4'0" deep]

Fill: Mostly shore top Contents: Stone, wood, bone on surface.

N.M-G [2016]

Earlier pre-c.125 AD elements mostly worn and quite probably introduced during well construction. Latter possibly between c.100-150 AD. Infill between c.200-250 AD or somewhat later.



photo: 1967 [Col 6/1]



photo: 1967 [Col 6/4]



[Arch.Well 27, 4.]

**Stone Arch.Well27. 4**  
stone pieces [17]

**Stone quern Arch.Well27. 5**  
quern/millstone pieces 14  
excavated 1967

**Stone Arch.Well27. 6**  
millstone pieces[6] recon.  
[not illustrated]



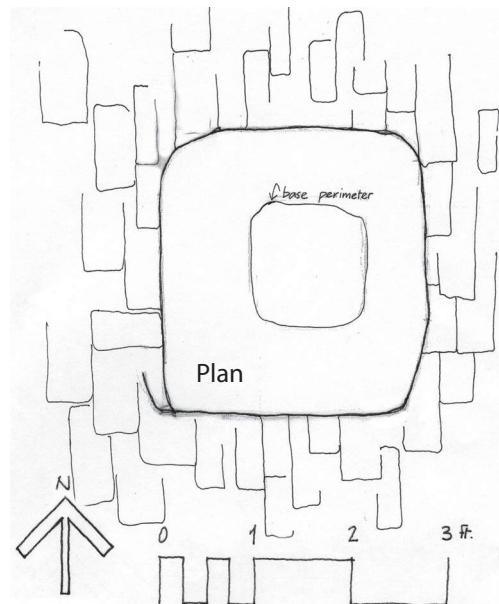
[Arch.Well 27. 5.]

[Arch.Well 27. 7.]

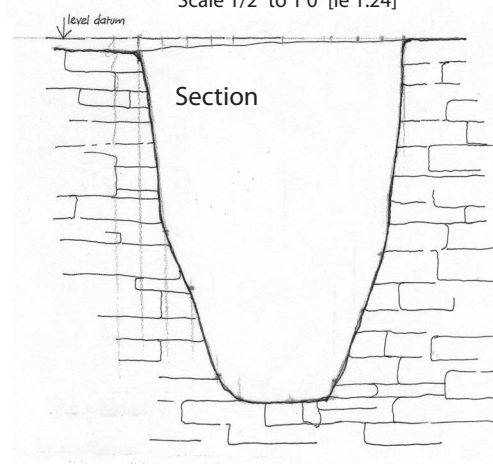


**Stone Arch.Well27. 7**  
Excavated 1967  
Part of early Lodsholm stone quern.  
[Only the fourth discovered in Kent.]

all above not to scale



Scale 1/2" to 1'0" [ie 1:24]



Drawings of Well27 [measured 1967]

## Well27 continued

### Wood Arch.Well27. 1 [PC318/1966]

Wood plank. Possibly part of well head worn by 'rope' action.

Max. length 24.25" Max. width 9.7"

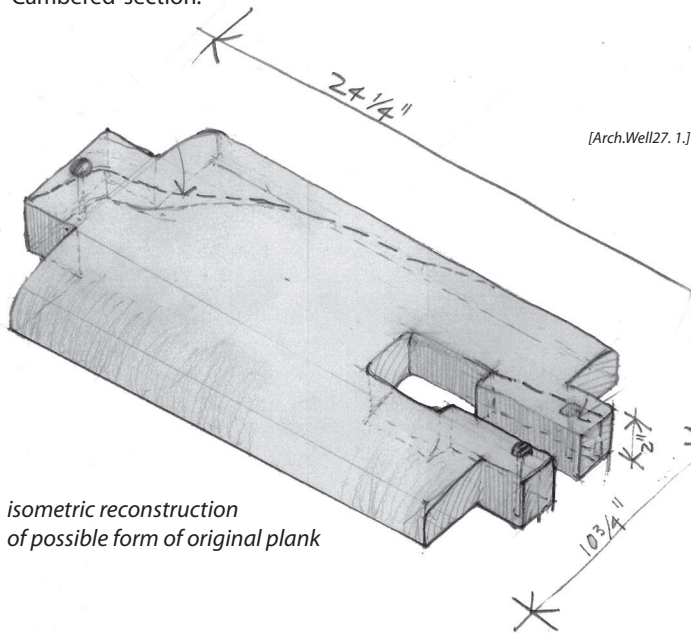
Max. thickness 2"

Back flat. Convex surface on other side. Had an area of wear now lost by wax coating. Max. width of slot 2.5" 1 thick (1.75") and 1 thin (0.75") tongue framing slot and projecting beyond squared end cuts. Dome headed nail on thicker tongue. Similar cut, 1 side only, at opp. end. Tongue broader(4") with dome headed nail. Side of plank broken away. 'Cambered' section.

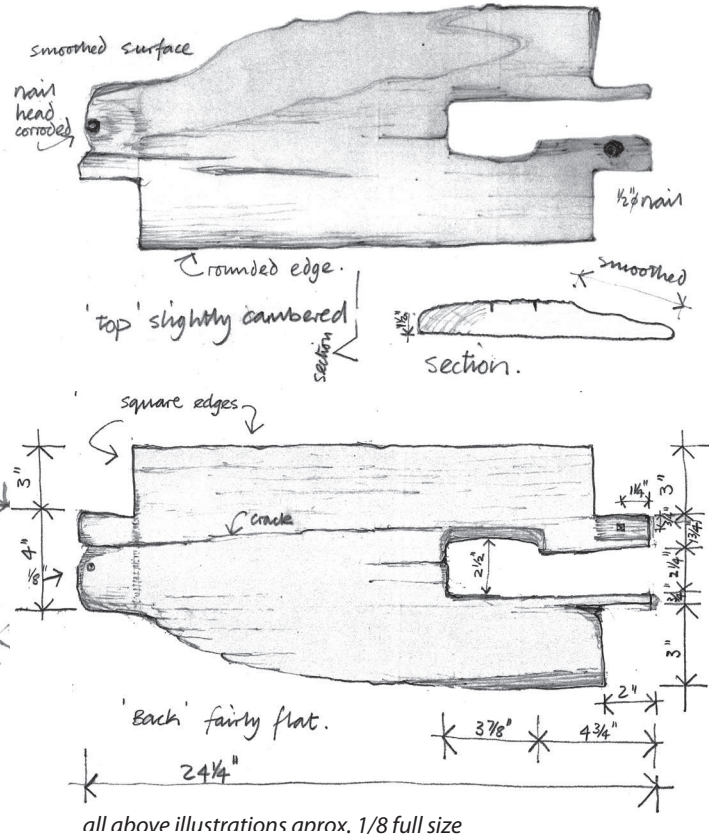


[Arch.Well27. 1.]

aprox. 1/8 full size



isometric reconstruction  
of possible form of original plank



### Pot Arch.Well27. 2 [IOTAS2029/30]

Sherds[10] of medium pot reconstructed to form two parts of pot upper with rim. Mid Roman Grey sandy (?Thameside) 125-200AD. Conjoining sherds from rim and upper body, part restored. A Monaghan 1987 Type 4A2 S-profiled bowl. Sooted.



[Arch.Well27. 2.]

1/4 full size

### Pot Arch.Well27. 3.1 [IOTAS1292]

Pot sherds[2] LP Flint tempered 600-50BC. Possibly MLIA. Small sherds.

### Pot Arch.Well27. 3.2 [IOTAS1292]

Pot sherds[2] LIA>ER various 25-75AD. Scraps 1 fragment of N Kent Thameside shell tempered ware. 1 chaff tempered ware.

### Pot Arch.Well27. 3.3 [IOTAS1292]

Pot sherds[4] LIA 'Belgic' style grog tempered 75-0 BC. Soft fired. Could be LIA>ER.

### Pot Arch.Well27. 3.4 [IOTAS1292]

Pot sherds[5] ER N Kent fine grey 50-150AD Various small beaker or jar sherds. Soft fired. 1 rouletted. Fairly worn.

### Pot Arch.Well27. 3.5 [IOTAS1292]

Pot sherds[8] MR N Kent Thameside fine sandy ware 175-250AD. Rim and body sherds from various vessels, all scorched. 1 rim from a Monaghan 1987 3H7.7-type jar.

### Pot Arch.Well27. 3.6 [IOTAS1292]

Pot sherds[8] ER>MR N Kent Thameside fine sandy 125-250AD. Includes 1 fragment from a BB2 type trellis decorated jar. Most of the sherds are small and chipped.

### Pot Arch.Well27. 3.7 [IOTAS1292]

Pot sherds[2] MR Grog tempered NCW 150-225AD. 1 from a large diameter comb decorated storage jar. Fairly hard fired; dating based on firing trends.



[Arch.Well27. 3.]

1/4 full size

## Well28 Late Iron Age shaft base

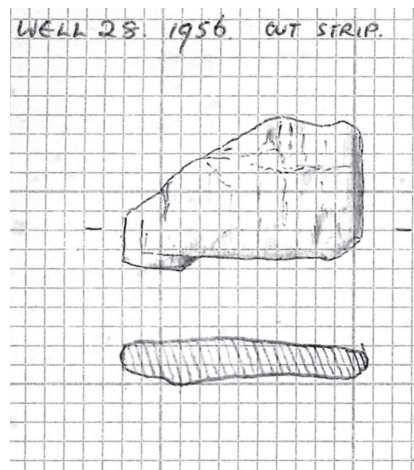
**Well 28** Excavated by A.P-C. 1965

A.P-C Index Card Well28

Location: Minnis Bay [nr. Grenham Bay]. NGR:2909 7013

Diameter: round. Depth: 3'0"

Contents: Stone, pottery, oysters.



[Arch.Well 28. 1.]  
full size  
[1 inch graph paper]

**Wood Arch.Well28. 1** [Arch.dwg.48]

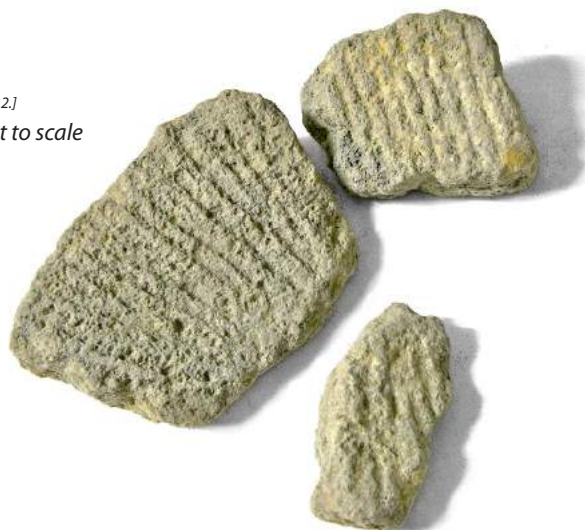
Small piece of wood.

**Stone quern or millstone Arch.Well28. 2**

excavated 1965

broken pieces [3].

[Arch.Well 28. 2.]  
image not to scale



**Pot Arch.Well28. 3** [IOTAS2:324]

Small pot sherd, Mid Roman 100 -175

AD. ?Canterbury sandy ware.

Second item is a piece of pyrites!



[Arch.Well 28. 3.]  
1/4 full size

## Well29 dug by others

**Well 29** [A.P-C Field Book 17 pages 5-7]

A.P-C Field Book 29 March 1965:

Yet another hole 29 further out than 28. 73 paces to 28.

8th April 1965: Completely emptied 29. Circular, depth about 1'6" diameter 3 1/4' x 3 3/4'. Fill rusty grit shore top most of the way down - sand at bottom. Some very large chunks of chalk. No signs of mud or silt or finds. Some shells? only washed in ? dug & filled by someone previously? Bottom pretty level sides pretty smooth.

A.P-C Index Card Well29

1965 Furthest out 73 paces from Well28 abt. opp. the site of stack.

Size; Circular. Depth abt. 1 1/2' Dia 3 1/4' x 3 3/4' bottom more or less flat, sides smooth.

Finds: Nil

Fill: Rusty gritty shore top most of the way, sand at bottom. Very big chunks chalk. No signs of mud or silt. A variety of shells probably washed in.

Notes: ?Dug & filled by someone previously.

## Pot 8 from Well30



Approximately Full Size Arch.Well30. 8. [PC 278/1966]

Well30 Late Iron Age shaft base	page 60
Well30 extract from A P.C Field Book 17	page 64
Well30 pots 1 to 3	page 67
Well30 pots 4 to 7	page 68
Well30 pots 8 to 11	page 69
Well30 gilt bronze brooch	page 70
Well30 artefacts bone & wood	page 72
Well30 shaft base display with pots	page 73

**Finding.** A pit in the position of 30 was suspected by Antoinette Powell-Cotton on 9/4/1965; this was checked on 26/5/1965 with Dorothy Brown and finally verified by them on 28/5/1965 when it was estimated to be about 4 inches deep. Subsequently in April 1966 further examination revealed the significance of this pit a sealed 'time capsule'.

**Method:-** The site was first cleaned of seaweed, sand etc which was silting the area, with brooms, hoes, trenching tool and the like. Chalk blocks placed previously over the pit to both mark and protect it were removed exposing the filling. The topmost layer is usually of a sandy nature consisting of a recent deposit washed in by the tide. From now on it is very necessary to keep the filling as dry as possible, this inevitably includes the surrounding area. By using clay, which had to be brought to the site, to dam back any surface water draining into the pit, it was possible to bail and pump out as work proceeded. Kneelers on boards are sometimes a comfort to workers in these wet surroundings.

The pit filling was carefully excavated in the usual manner and any sea water we mopped up as it collected. The excavated filling being spread out on the surrounding rocks so as to be washed by the following tides to show up any sherds or other find missed previously in the sticky fill, some of it was extremely glutinous.

In spite of the small diameter of the pit an attempt was made to cut a section. The half nearest the sea was excavated first and during the later stages when it became impossible to reach down from the surface, one worker had to climb in to continue on his own in an increasingly confined space. The nature of the waterlogged filling made a firm section nearly impossible and with pit 30 there was the additional problem of several broken and incompletely filled pots lying on their sides across the section. One cheerfully ignorant excavator hearing a peculiarly hollow note from the pump nozzle beneath her discovered she stood supported on a half empty pot!

**Photography:-** Photographs of larger 'finds' were taken in situ where possible, unfortunately there tends to be little contrast in colouring between these and the pit filling. The simplest method of cleaning up a specimen for this is to direct a jet of water onto it from a polythene bottle. A small dark pit can be a problem in overcast weather, alternatively in sunny weather the sharp contrast of deep shade and brilliant light on the chalk is a difficulty. The use of a jet of water as described above and a metal foil reflector can help the photographer in both these instances.

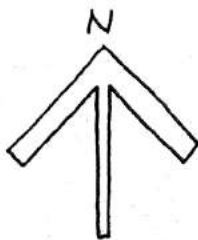
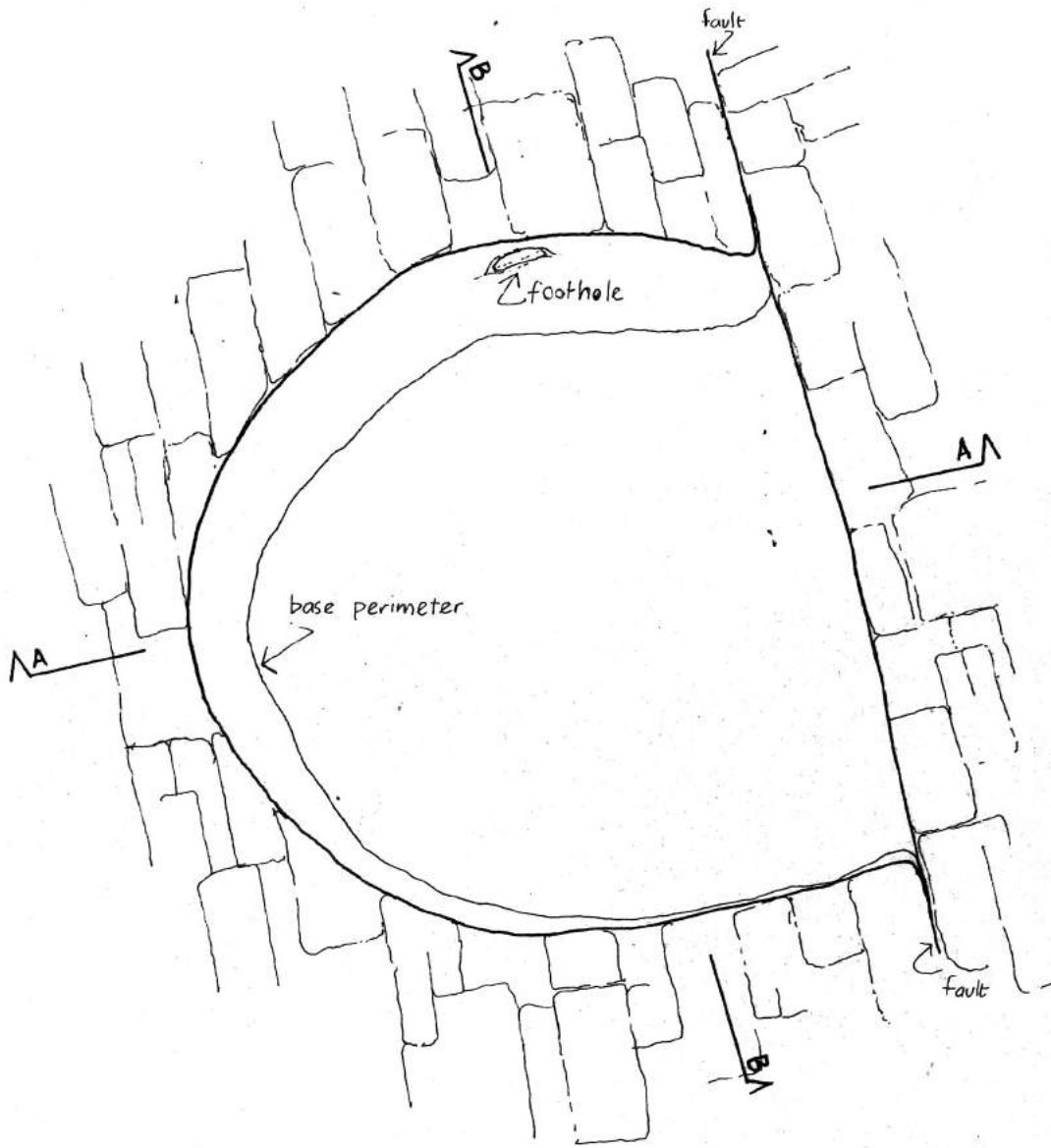
**Finds:-** All were carefully packed in tins between sheets of 1/4" plastic foam. This was not only to prevent unnecessary handling and ease of transport but to keep wet all wooden objects and botanical specimens. Waterlogged wood if allowed to dry out will warp, shrink and disintegrate. For a limited time it can be kept moist in polythene bags until it can be adequately examined and recorded. For longer periods it should preferably be stored submerged under water then passed on to laboratory technicians if it is judged worth expensive and time consuming treatment and space is available.

**Backfill:-** As the incoming tide approached smooth flat blocks of chalk were placed carefully to conserve exposed surfaces and finds, the latter first protected with thick sponge rubber. Next the pit was filled to within about 9" of the top when a covering of plastic sheeting was tucked in around the sides and filling-in completed to at least flush with the surrounding chalk surface. The next day's work is easier and cleaner if silted up by the tide any ingress is largely prevented by the use of this sheeting.

**Completion:-** The chalk sides and base were carefully cleaned and washed down. Measurements and photographs were taken, followed by plaster casts of unusual tool marks and of the foothold. Glare from the surrounding chalk surface made the empty pit an awkward subject but a reflector helped to overcome this.

# Well30 Late Iron Age shaft base..... plan

Plan: Shaft [well] 30



Minnis Bay, Birchington  
surveyed 1966

SCALE : 1" = 10'-0"



## Well30 Late Iron Age shaft base

**Well30** Excavated by A.P-C. 1965/66/67

Location: Minnis Bay [adj. Grenham Bay].  
NGR:29067002/3

### Well description as excavated in 1966.

**W**Shape: as letter D, see photographs above. Cut alongside a natural crack in the chalk rock causing a straight side to the well running from the land out to sea. This may have facilitated the digging out of the shaft although presumably incidental, and aided the drainage of water into it. Sides: Straight, roughly vertical; extend very slightly beyond the general floor level of the bottom. Curved, tapering inwards to the bottom.

Bottom: Very uneven.

Size 1966:	Depth :	3'6 7/8" [
	Length:	3'3"
	Diameter:	3'6"

**S**taining. Yellow rust coloured. Most pronounced in a definitely curved band just below the 1966 surface, corresponding with the most predominately rusty layer in the top filling, both stain and rust coloured filling dip at the 2 ends of the straight, fault, side of the pit.

**T**ooling and foothold. Small niche in the pit wall nearest to the sea 2'9" from the bottom, a convenient step up from the bottom. Size. 4" high x 4 1/4" wide, flaring out to 6" wide x 2 1/2" deep. 3 horizontal grooves to the west of the foothold were apparently cut by a similar blade to that used on the bottom of the pit.



photo: 1966

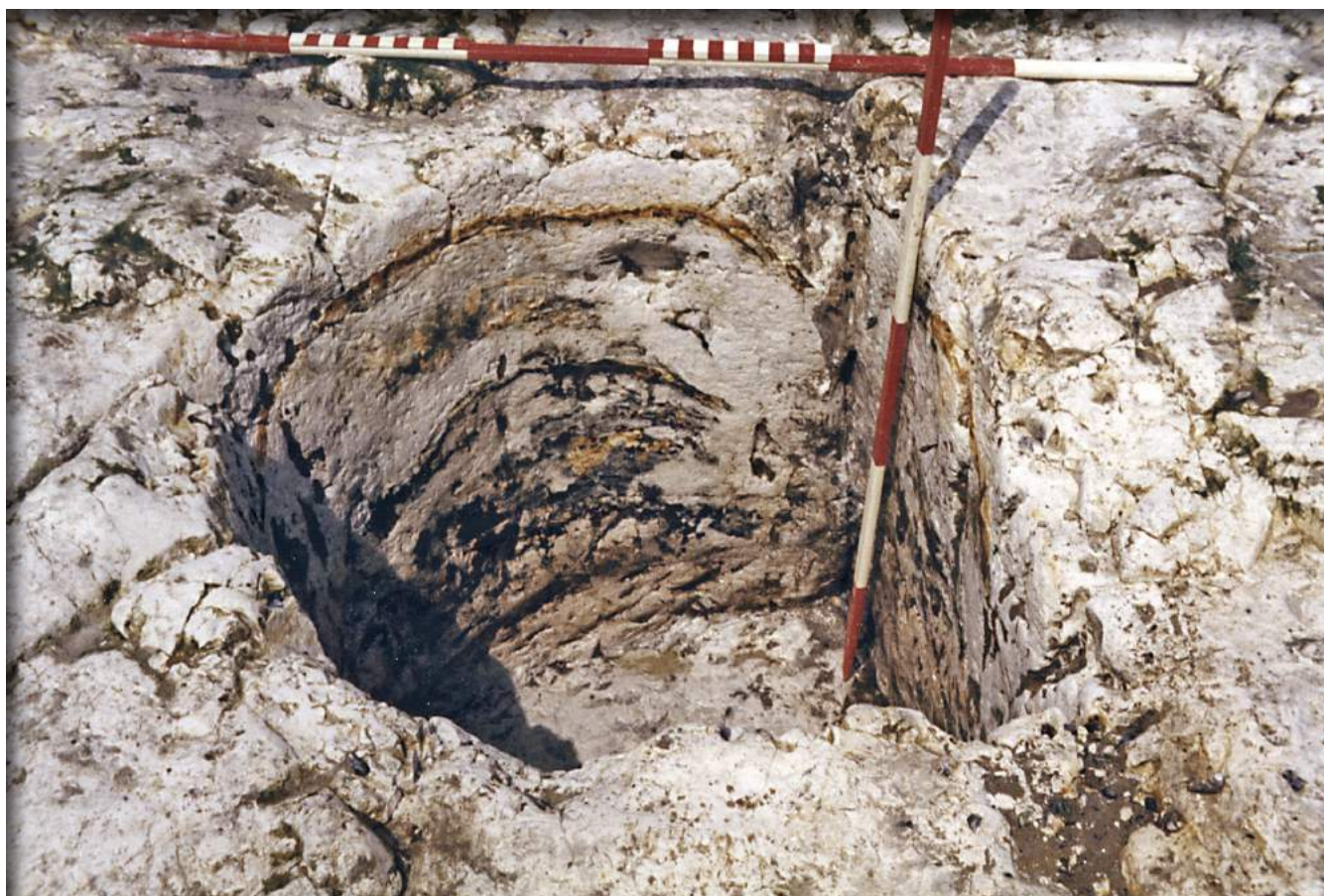
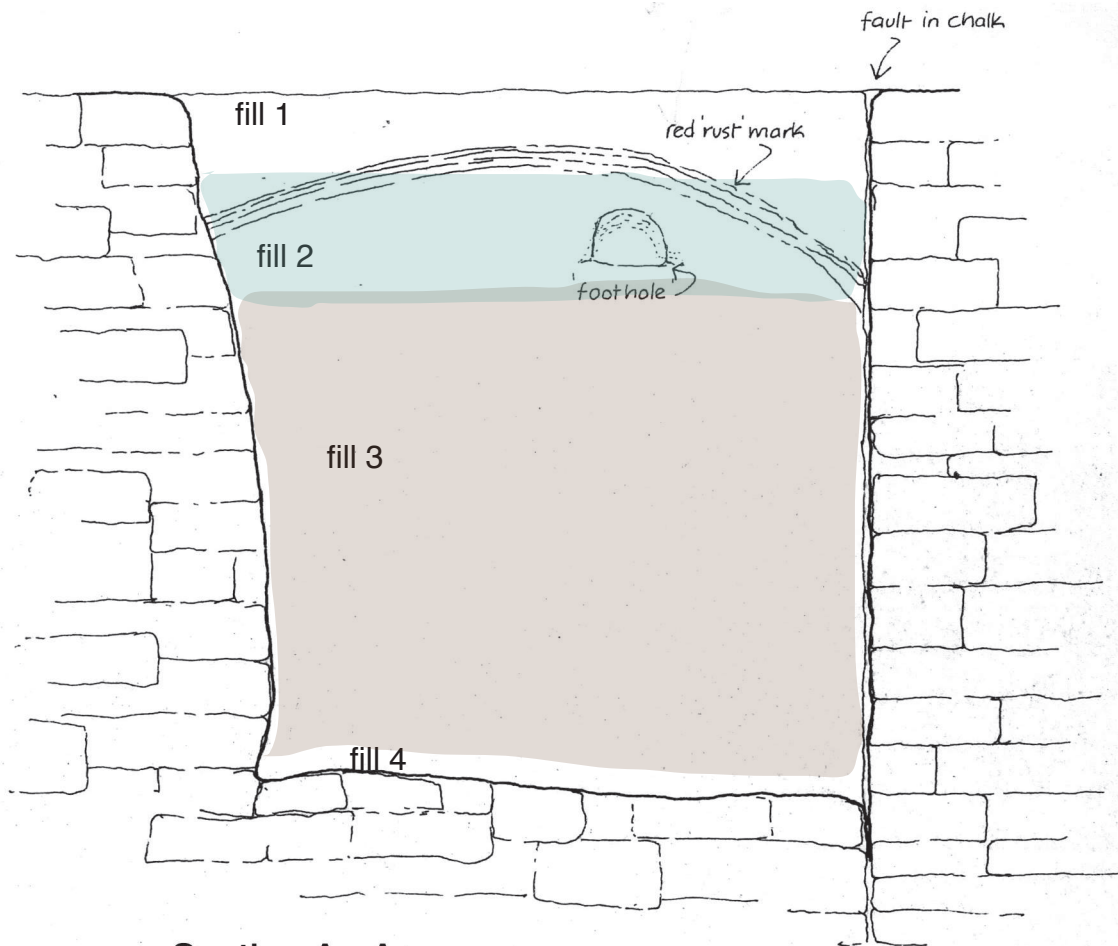
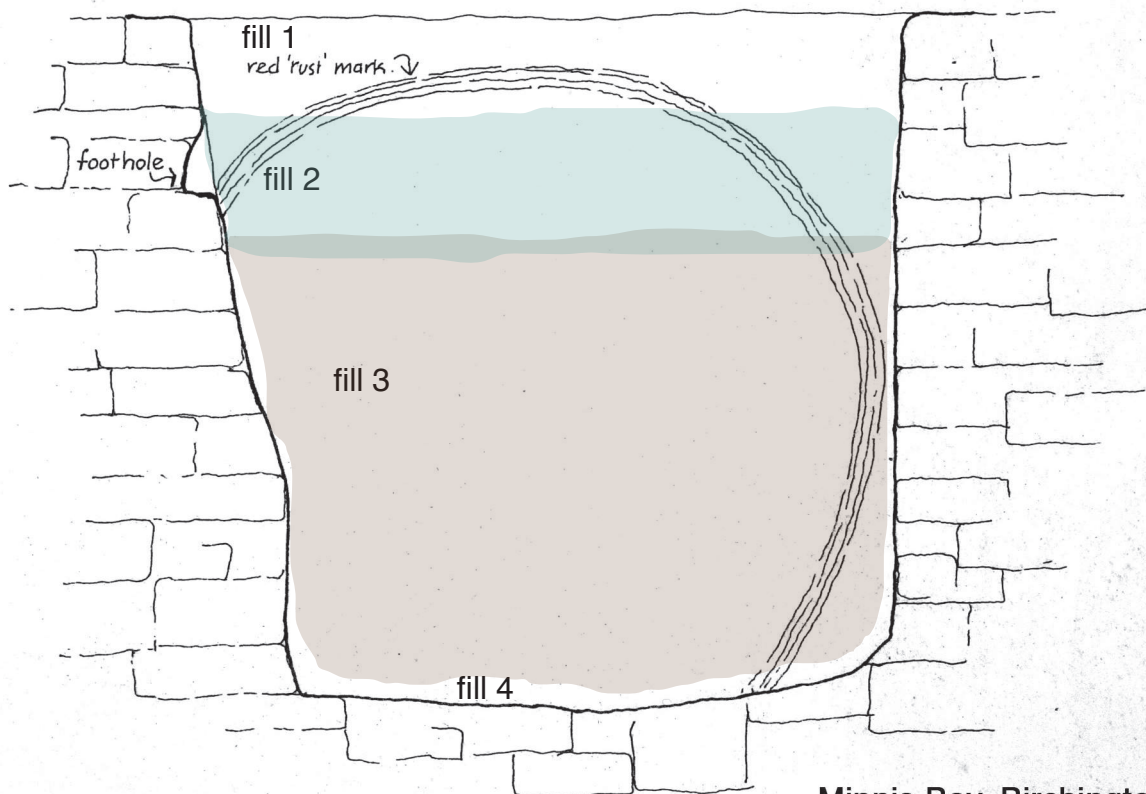


photo: 1967 [Col 4/3]

# Well30 Late Iron Age shaft base..... sections



Section A - A



Section B - B

Minnis Bay, Birchington  
surveyed 1966

SCALE : 1" to 1'-0"



**FILLING.**

Present day ever changing surface of shell grit, sand, chalk, flint, seaweed, shells and debris is disregarded.

**Top Fill 1.**

Down to 4" to 6" from the present rock surface, not entirely covering fill 2 for the whole length of the perimeter. Very tough, dry and compacted, requiring a pick.

**Finds:-** very few.

**Description:-** Mainly chalk, crushed and in lumps, mixed with some brown, soil and yellow rusty patches or layers. A sprinkling through-out of small grey lumps and black particles, streaks when troweled, but no signs of charring nor charcoal. An occasional pink crumb of presumably disintegrated pottery and flint stones of various sizes, some broken.

**Fill 2.**

Rather stiff for troweling. With fill 1 completely sealing peaty fill 3

**Finds:-** a variety of odd sherds, mostly small with worn edges.

**Description:-** Largely dark moist mud with a mixture as above. Some chalky-rusty and sandy patches. Also, some dirty coloured chalky substance resembling plaster, with chalk 'peas' incorporated, possibly oven waste or daub. There was no pink oven material as found in some cliff top pits, nor other signs of burning. Thin spreads of a greenish substance and small knobs of chalk and flint occurred occasionally.

Fill 2 merged into:-

**Main peaty Fill 3.**

From about 14" down from the chalk surface in 1966, the first pot profile about 18" down. Loose and easy to work.

**Finds:-** Large pot sherds, rim to base of 5 or 6 pots, with some other fragments. One safety pin brooch, iron fragment of another one, wooden bucket base with lower piece of stave, a length of withy rope with a possible indication of a handle and a short piece of string. Food bones of domestic animals, skeleton of a dog, oysters and one cockle, flint waste from knapping.

**Description:-** Very dark, friable, peaty and smelly. Containing beetle remains, mouse and a few small bird bones, bark, wood sticks, seeds and bracken.

**Bottom Fill 4.**

Little or no primary silting apparent. Silt lining adhering to the walls and surfaces of larger objects. Most abundant in the corners at the junction of the straight with the curved sides of the pit. i.e. where the maximum amount of water drained.

**Finds:-** Similar sherds belonging to the same pottery as in fill 3.

**Description:-** Grey, pale to black, the consistency varied from tenacious to sticky to watery, see note under staining. It seems that, the greater volume of water flowing down the side of the natural crack in the chalk caused a thicker deposit of silt here especially at the corners.



Pot 8 in situ during excavation towards bottom of peaty Fill 3

## Extracts from A.P-C Field Book 17

[The 12 days of excavation of 'well30' and after, including measured survey]

- day 1  
*Sat 30 April 1966 pg 90*  
*Vera & Trevor and Dorothy [Brown] attacked 30. Within a few inches sea side chalky and very tough and dry, land end muddy [good garden soil] Chalky layer only 1/2 - 1" in depth to mud - about half the pit sealed with it but muddy or silty close up to wall of well. Got down about 6". Rusty in many parts a few oyster - a little bone, a beetle, and a few frags pot.*
- day2  
*Sun 31 April 1966 pg 91*  
*with David Barton contd sea 1/2 of well30 - mud and patchy of the chalk rusty, sandy - sometimes green layers gave way to more peaty friable dark fill beetles ++ larger [useful ] black sherds with everted rim and cordon type Belgic I think. Decided chalky part was probably 'cobb' belonging to oven or daub as cliff occupation. Lovely weather. apparently pick marks on well walls.*
- day3  
*Mon 01 May pg 91*  
*Contd on my own. coll: 2 tins pot - Some rather smashy. - quite a bit of bark, beetles ++ grassy or what not patches - some friable soil - more sticky round walls. Left a very nasty smashy edge, upstanding near the section picked over with sponges etc., + another ditto. I guess we are down to about 18/12" the larger pottery 14" from present surface, about 42" to 46" dia the straight side about 40"*
- day4  
*Sat 14 May pg 94*  
*Cont: 30 with Dorothy - Collected pottery whose edge showed and a few other bits. Levelled it up more or less but in getting out the pottery we had to dig into the section. worked in friable black [?peaty] material. -coll some beetle bits and seeds on foam rubber sheeting from pottery washing. creamish piece of stone [chalk] and 1 fragment of Roman type base against side. East nearest sea about 18" down-a bit clayish here in part.*
- day5  
*Sun 15 May 1966 pg 94*  
*Contd with Dorothy at about 2'0" she coll: a brooch safety pin in good cond with pin - a late Belgic type I guess. Came upon an empty pot on its side - unsupported at 3' down v. diff and uncomfortable - however got a mass of pot out with fingers only pretty wet which however helped quite a bit in someways. a pot or pots seem to have withy band or bands round neck. Imbedded with knobs of flints some broken and sharp and large - some pieces of pot are tiny bright blue spots - ? metallic. Safety pin has patchy discolouration - Dark purple' sent to Biek in foam rubber in polythene bag dried out and stuck. in future in bag then ? foam.*
- day6  
*Sat 28 May 1966 pg 96*  
*with Dorothy and Trevor. Trevor made plan of section across well 30. Trowelled down land 1/2 to beginning of pot layer in peaty filling. Pot seemed to be sitting on thin layer sand. Today's pot came from edge of section down centre. Time allowed for complete removal of hard compact 'top' sealing the mix of infilling and removal of infilling just at edge. -2 pieces came away from lower down - put with earlier sherds.*
- day7  
*Sun 29 May 1966 pg 96*  
*With Kit and Dorothy. Contd the lower land half. another piece of bead rim combed ware was from mixed top filling and a few bits. A pot sim. to other types - neck facing wall sea 17" down from top and 9" from the side to pot centre as pot lay on its side. space between it and the well [land ]side a second base of pot ? gritty texture and part of skull and small pieces of flint. Another flint nodule lies under the first pot. Kit coll ribs and vertibrae etc., of small 'articulated' small animal [dog?] head toward land wall. Bracken showed up well but not coll: One piece of of stalky soil from under piece of rim we did coll: however. Ribs etc about level with base of pot. 2nd base of pot was lying flat against the wall with base inwards. Also coll: further sherds of rouletted pot. Animal roughly centre of land half. Knocked in two meat skewers either side of the section at v. roughly dark peaty level I think. This does seem to be higher in the centre. The more complete pot was only partly filled and was surrounded and filled with very sticky watery fine mud or silt or clay! Part rather pale - part almost black (? effect of chalk or peaty fill or iron). Collected a little sandy sample sticking to a piece of wood.*

- Mon 30th May 1966 pg 98  
 With Kit and Dorothy - Contd with 30. Down to flat chalk base. Some pot immediately on this.  
 Piece painted wood? K coll: from shelf no. wrought iron (I think). Found hole had been tampered with chalk thrown out and mud from sides scraped back into well. Actually very little damage if any but made filling wetter and work more difficult. Coll: 2 little bits of veg; matter one just under wooden disk with obvious rather good bracken - other very near this under rouletted or rim and cordon pottery? twisted withy type. Stulle---who found bones = Stephens by name - Total depth c 34" I think.
- day8
- Sat 11th June 1966 pg 99  
 With Trevor and Vera - only did a few inches. v. few sherds. A few vert:[vertebrae] in alignment against land wall. Coll: a piece of twisted withy rope by a piece of wood and beneath the larger piece coll: East side of shelf land end. one end frayed into 2 strands other doubled back on to the wood beneath it or could be knotted or circled round the wood!? (I doubt). The pot base at the bottom is not complete and is partly filled with wood- neck end facing inwards - comes up about 5" from bottom Beetles ++ Fill Appears to have become more chalky again.
- day9
- Tue 14th June 1966 pg 100  
 With Trevor and Vera. Tr. took photo bits withy insitu - and pot no 7 base and cordon beside it and another piece base or rim? V. cleared the bottom a little heap mud and small sherds - covered with sponge rubber only and mud sticking to walls - weed +++++. Piece flat stick on the curve and v. much of the twisted withy type and some sticks not twisted or frayed out. Peaty right to the base - Pinkish cream? Roman type sherds beside thick base against it and the wall - one sherd with handle frag.
- day10
- Wed 15th June 1966 pg 101  
 Contd: Trevor took photo of cordon pot wall brown cordoned pot no. 8 rim run turn inside out. Clayish mud on walls slipped land end. Removed 2/3 and spread out but tide war - packed up with sponges etc etc.
- day11
- Sat 25th June 1966 pg 101  
 With V and T and DB Removed rest of mud - some smashy pot 1 lump? clay or rock. bark and sticks as usual. There seemed to be a v. thin coat of 'clay' lining to the 'well' walls much thicker at each end of the straight side of the D fault. The same around a pot or wood - ie any solid object it seems - where water washes over or whatnot.
- day12
- Thur: 30th June. 1966 pg 101  
 With DB. recent fill spread gone - sand and mussels covering well 30 - large chalk removed - human or tide? Left - weed gone - beach combed.
- monitor
- Sat 2nd July 1966 pgs 103 - 4  
 V & T at Quex discussed format of write up of 30 and general started cleaning wood disc, bucket bottom and found rectangular shaped wood is bottom part of stave it is curved and fits edge of disc. They took away gritty pot 7 to assemble. Heather Carson looked in and saw pottery. Trevor's film of pottery in 30 successful, tin foil reflector a huge asset. Brown cordon pot on East side narrow 'shelf' made by trowelling down fill still adhering to pit wall see p.101. Other photo of wood and rope.
- analysis
- Sat 9th July 1966 pg 105  
 Photos Trevor, Morris and APC's Bantam [cameras] colour. Rust mark dips at the 2 ends of straight wall of D and there is a gap west side dips A and slightly at B Well 30 depth 36' to bottom from today's turf. In fact there are 2 bands of rust see photos - Gibbons returned gritty pot assembled. Tooling prob pick like wedge or chisel poss. - sea end look a bit like piddock - long pick strokes - on bottom some curved? adze or curve shaped tool. small pick marks around foot hold. Fault at bottom forms a gully slightly lower than the rest of bottom. A few scraps pot from bottom but could be fallen from sides 1 tooth (cow). Morris ---[Chapman] and wife, (New Zealand couple) twins Mary and Ruth and 4/12 Cecily or Cinthia? John Maidam. Emptied 30 and did survey - plum[b] bob from rod across pit off set at 6" intervals - (East) straight side near vertical. sea side bulgy - West tapers - bottom uneven. Did not examine tooling in details. Piddock burrows would I think have 'combed pattern. Pick a smooth groove - nor have I examined the bottom of well or filling. TPC's Bantam - one neg at 8' from stack (ie distance too little) another corrected.
- measured survey

## Indicative location of artefacts

approximate depths

At about 14" larger pottery sherds in bracken dark peaty **Fill 3**.  
1st profile pots from 18" to bottom.



Pot 1 [P.C.no.273]

Pot 2 [P.C.no.287]

Pot 5 [P.C.no.276]



Brooch [P.C.no.286]



Pot 4 [P.C.no.275]



Pot 6 [P.C.no.288]



Pot 3 [P.C.no.274]



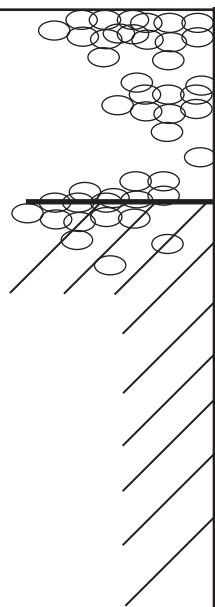
Pot 7 [P.C.no.277]

Pot 8 [P.C.no.278]

Pot 9 [P.C.no.289]

chalk base **Fill 4**

Top compact **Fill 1**



1966

sea  
bed

4"

**Fill 2**

14"

18"

24"

30"

34"

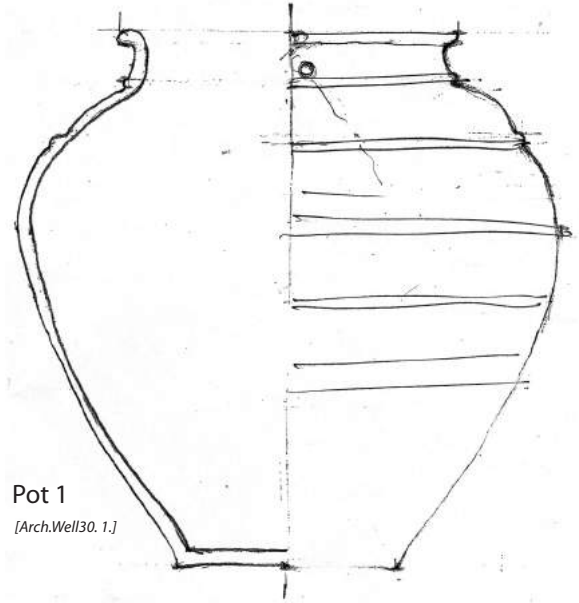
36"

38"

42"

**Pot 1 Arch.Well30. 1** [PC 273/1966]  
 Profile complete, I.A. repair, 11 perfs or more and mastic. Large Jar Ht. 11" Pear shaped S sided. Div: into 8 zones by irregular smooth shiny lines. (1-5)Texture: Soft, brownish grey out grey brown in. Parts rust encrusted and broken down. Inside fine lines of manufacture.Decoration: 2 cordons. Lip: Beaded, cordon like. Neck: Zone 1, concave between lip and 1st cordon. Shoulder: Zone 2, convex between cordon 1 & 2 Body: 6 zones, undecorated. Base: Flat - worn surface.

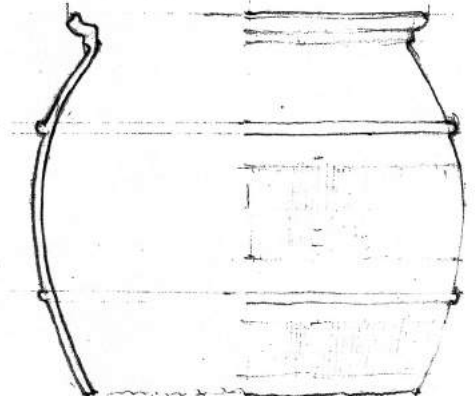
*Thompson (1982,620) [1312] B3-7. Pot1. 273/1966. Grey-brown grog, patchy surfaces, very worn at base and mended from many small pieces; top half well made, mended in antiquity by drilled holes in several places round top. Not more than half extant.*



Pot 1  
 [Arch.Well30. 1.]

**Pot 2 Arch.Well30. 2** [PC 287/1966]  
 Base missing. Texture: soft buff grey. Finely lined inside. Top: (?1/2) Large butt-beaker girth dia; C9" 2 zones or more originally. Decoration: cordons,hatched bands with burnished borders. Rim: Inside, angled ?to take lid, edged small cordon. Outside, 1. Small angular cordon between 2 groove above neck. 2. Larger cordon formslip, unevenly divided b shallow groove. Neck: Inverted, more or less flat.Body: Top Zone wide hatched band with burnished border top and bottom. Lower Zone. Broken below lower border to narrower band similar to above (i.e. 1/2 width) ? was this followed by another cordon or the narrow band repeated and then a further cordon.

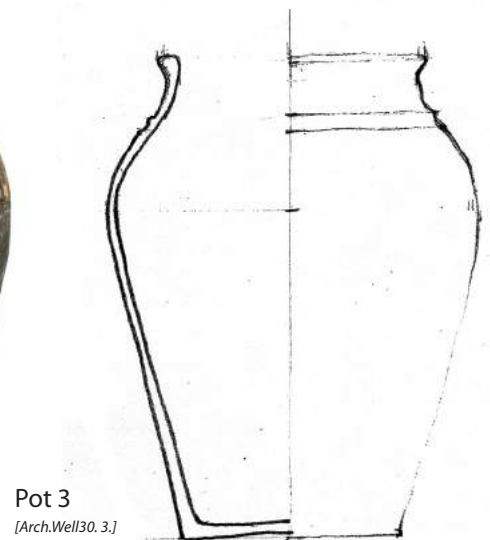
*Thompson (1982,620) [1320] G5-2. Pot 2. 287/1966. 'From W of shelf', apparently a ledge in the shaft [ ed. n.b. shelf part of excavation cut]. Dark grey not very hard grog, leans, restored, dark grey surfaces, burnish outside on neck and tooled decoration.*



Pot 2  
 [Arch.Well30. 2.]

**Pot 3 Arch.Well30. 3** [PC 274/1966]  
 Profile complete. Tall jar: Ht: 10" sooty, elongated pear. Texture: soft, originally buff or body and top black and burnished. More brown inside and finely lined. Decoration: 2 grooves and minor cordons base of neck and trace of third above. Lip: Burnished in and out. Base:Slightly concave - edge worn in use.

*Thompson (1982,623) [1319] B2-3. Pot 3. 274/1966. Very dark grey, grog, good burnish on neck, vertical tooling, rather sooty crust from burial.*



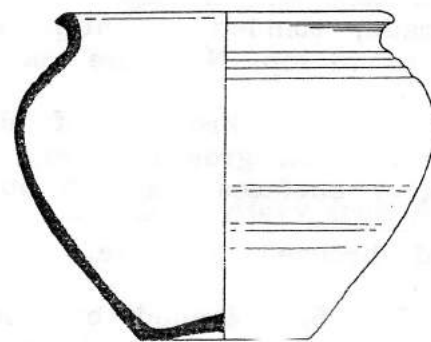
Pot 3  
 [Arch.Well30. 3.]

all above drawings 1/4 full size

## Well30 continued

**Pot 4 Arch.Well30. 4** [PC 275/1966]  
 Profile complete, squat sooty bowl Ht: c 6 1/2" Texture: soft ? black to buff grey. Inside brownish, finely lined. Decoration: 4 slight cordon ridges and grooves, vague zones divided by irregular smooth lines. Shoulders: bulge. Neck: Everted, curved. Base: slightly concave, inside convex.

*Thompson (1982,620) [1316] B2-4. Pot 4. 275/1966. Mended but nearly complete. Matt grey, no grog or visible temper, hard grey smooth surfaces, burnish outside, some black deposit.*



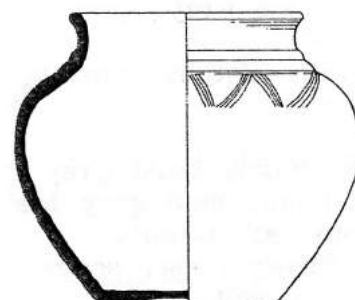
Pot 4

[Arch.Well30. 4.]

© Thompson [1316]

**Pot 5 Arch.Well30. 5** [PC 276/1966]  
 Profile complete, small jar Ht. 6 1/2" sooty. Texture: similar but brittle and flaking ?over baked. Inside dark brownish, shiny - finely lined. Rather lumpy. Buff grey originally. Decoration: 2 minor cordons and grooves on the neck. Zigzag in smooth lines on shoulder. Smooth neck - matt body. Neck: everted out curved. Base: both surfaces slightly concave.

*Thompson (1982,622) [1315] : 276/1966. 'From W of shelf'. Dark grey not very hard grog, leans, restored, dark grey surfaces, burnish outside on neck and tooled decoration.*

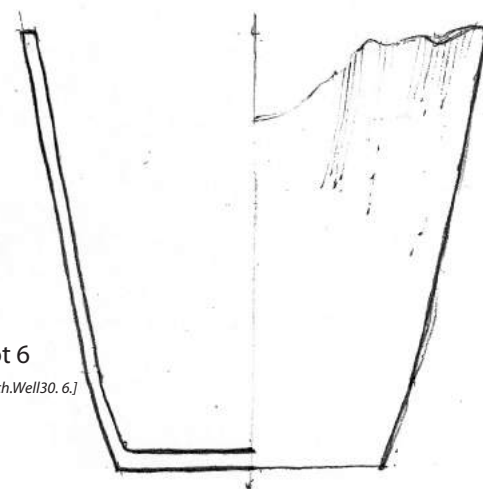


Pot 5

[Arch.Well30. 5.]

© Thompson [1315]

**Pot 6 Arch.Well30. 6** [PC 288/1966]  
 Base only. Large flower pot shape heavy. Probably used as crock i.e. top edge appears worn. ?hand built. Odd impressions of vertical 'boarding'. Appears lopsided. Texture: soft, some large grits Uneven baking. Greyish biscuit, dark grey inside. Decoration: or tooling? Vertical striations and pittings. Base: Flat. 'cross' scratched beneath.

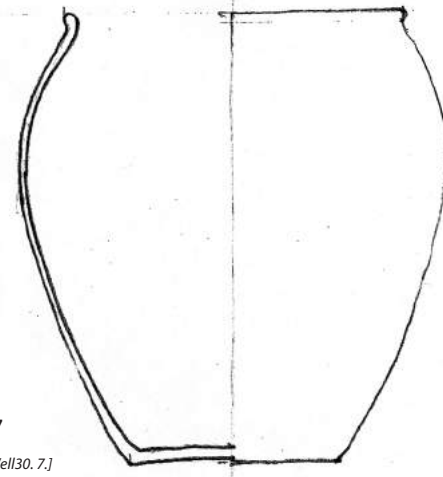


Pot 6

[Arch.Well30. 6.]

**Pot 7 Arch.Well30. 7** [PC 277/1966]  
 Profile complete large Jar Ht. 9 1/2" sooty. Texture: brittle, gritty, thinnish, rather lumpy - rough surface. Fine lines visible at rim only. Decoration: nil. Rim: beaded - slight scored line round centre top surface no neck. Body: slightly concave, grassy imprints under surface. Smoothed round junction of wall with base.

*Thompson (1982,623) [1313] C2-1. Pot 7. 277/1966. Patchy grey finely flint-gritted.*



Pot 7

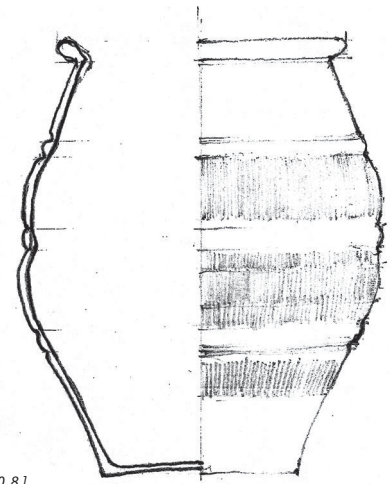
[Arch.Well30. 7.]

all above drawings 1/4 full size

**Pot 8 Arch.Well30. 8** [PC 278/1966]  
 Profile complete. Butt beaker Ht. 9 1/2". Texture: soft thin, worn. Light pinkish brown. Traces fine lines inside. Decoration: 3 cordons and grooves. 3 bands hatching, above two divide with smooth lines. One little 'vertical' rectangular protuberance centre of middle band, possible site of another at 1/4 length of girth away, applies after line decoration. Rim: Well fashioned cordon like with slight angle and groove. ?for lid. Neck: Flat inverted. Body: 2 zones convex to meet cordons. lower zone inclined inwards to the base. Base: Slightly convex inside concave out.



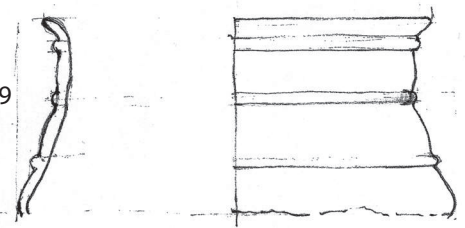
Pot 8  
 [Arch.Well30. 8.]



Thompson (1982,623) [1321] G5-5. Pot 8. 278/1966. dark grey-brown, grog, buff surfaces, grey patches, rouletted and burnished. One lug extant, and traces of another, 1/4-1/3 intervals around pot, edges show; apparently stuck on rouletted surfaces and came off quickly, or came off before rouletting. Leans badly; worn foot.



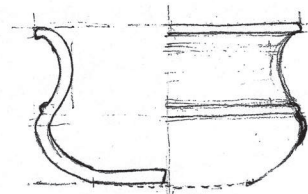
Pot 9  
 [Arch.Well30. 9.]



**Pot 9 Arch.Well30. 9** [PC 289/1966]  
 Rim about 1/2 only I.A. mastic mend. see pot 1. Large pot. Dia. estimated broken at top of shoulder. Texture: Soft burnished black outer surface. Dark grey lined inner surface. Decoration: 3 cordons: 3 zones, first under short out curved lip. Lip: Very chipped Neck: 1st zone convex straight 2nd zone slightly convex outward to ?shoulder. 3rd zone bulging below to ?missing cordon. Body: 2 zones convex to meet cordons. lower zone inclined inwards to the base. Shoulder: Broken off at 3rd bulging zone where this turns in and downwards.



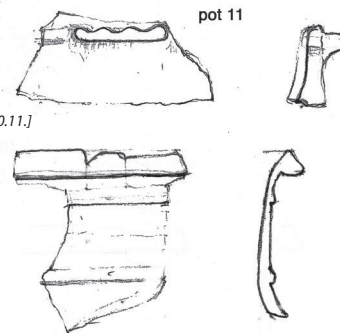
Pot 10  
 [Arch.Well30.10.]



Thompson (1982,623) [1317] E1-2. Pot 9. 289/1966. Pale grey, grog, dark grey surfaces well burnished outside.



Pot 11  
 [Arch.Well30.11.]



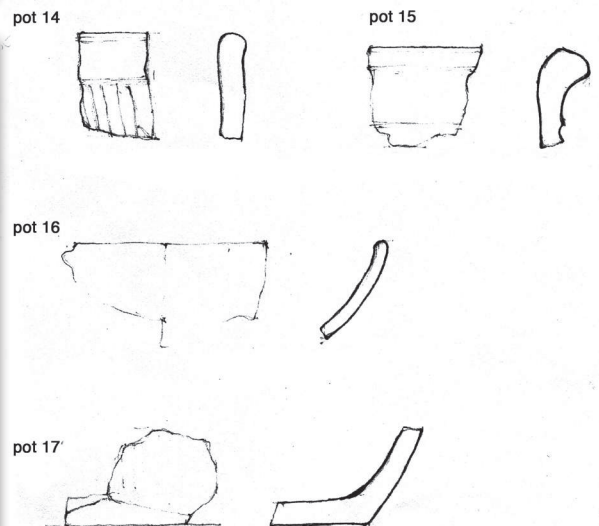
**Pot 10 Arch.Well30.10** [PC 279/1966]  
 ?Base missing. Small bowl Diameter conjecture 5 1/2". S profile. Texture: soft blackened burnished matt buff grey inside. Fine lines show inside and out. Decoration: One small cordon. Lip: Cordon like. Neck: Long outward curve. Shoulder bulge then rapidly thickening towards base.

Thompson (1982,623) [1314] E3-2. Pot 10. 279/1966. Fairly hard grey grog and small sandy buff grits, one flint lump, pale grey inside, dark grey burnished outside. Less than half extant.



**Pot 11 Arch.Well30.11** [PC280/1966]  
 2 Sherds of handled jug. Texture: Hard, heavy. Pinkish buff. Smooth finish outside matt and lined inside. Handle: Flat fluted upper surface at junction level with a cordon. Rim: Heavy overhanging. ?for lid. Neck more or less straight 2 flat cordons - plain zone between. Deposit inner surface towards bottom of pot?

Thompson (1982,623) [1322] G6. Pot 11. 280/1966. Brown grog, soapy buff surfaces, black patches, burnished outside, soft.



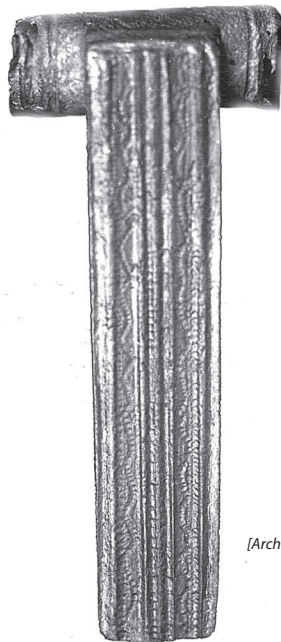
all above drawings 1/4 full size

## Well30 continued

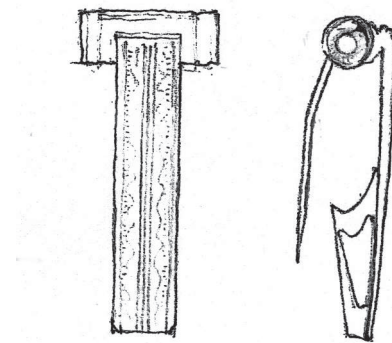
### Gilded bronze brooch Arch.Well30.12 [PC 286/1966]

Complete - pin broken off. Bronze. Bar: Rectangular, flat, straight wedge section tapers foot. Raised margins. Attached to cylinder enclosing spring. Catch plate: Triangular, open. Spring: 5 + 2 turns, pin on former. External cord. Appear to have much corrosion debris. ?was there an iron rod through spring. Cylinder: 2 halves wrapping the spring meet below: the centre cut away for movement of pin. Decoration: 2 longitudinal bands of zig-zag and dotted lines bounded either side by ridge. Further ridge runs down centre and upstanding marginal ribs continue to join across the top and are repeated below on the cylinder. Double lines form an open rectangle surrounding the plate - cylinder junction within this was ?a further zigzag or triangle decoration.

*Thompson (1982,620) [1318] 286/1966, gilded bronze, complete, Langton Down form.*



[Arch.Well30.12.]



above drawing actual size

### Pot Arch.Well30. 13 [IOTAS1352] Pot sherds [26] some joined



[Arch.Well30.13.]



### Pot Arch.Well30.14 [IOTAS1355] Pot sherds [36]

[Arch.Well30.14.]



all above illustrations 1/4 full size



# Well30 continued

**P**ot Arch.Well30.15 [IOTAS2:852]  
Pot sherds [55]



[Arch.Well30.14.]

**P**ot Arch.Well30.16.1 [IOTAS2086]  
Pot sherds [4]

**P**ot Arch.Well30.16.2 [IOTAS2087]  
Pot sherds [6]

**P**ot Arch.Well30.16.3 [IOTAS2088]  
Pot sherds [16]

**P**ot Arch.Well30.16.4 [IOTAS2089]  
Pot sherds [8]

**P**ot Arch.Well30.16.5 [IOTAS2090]  
Pot sherds [11]



[Arch.Well30.16.]  
illustration 1/4 full size

**M**etal object Arch.Well30.17  
Iron hinge [?] ..... metal object in peaty fill. Sealed mixed chalk 'tough' fill wellbase 30 1966.



[Arch.Well30.17.]

not to scale



## Well30 continued

**B**ones Arch.Well30.18 [IOTAS2136]  
Small bones in pot 4 [Arch.Well30. 4]

[Arch.Well30.18.]  
not to scale



[Arch.Well30.18.]

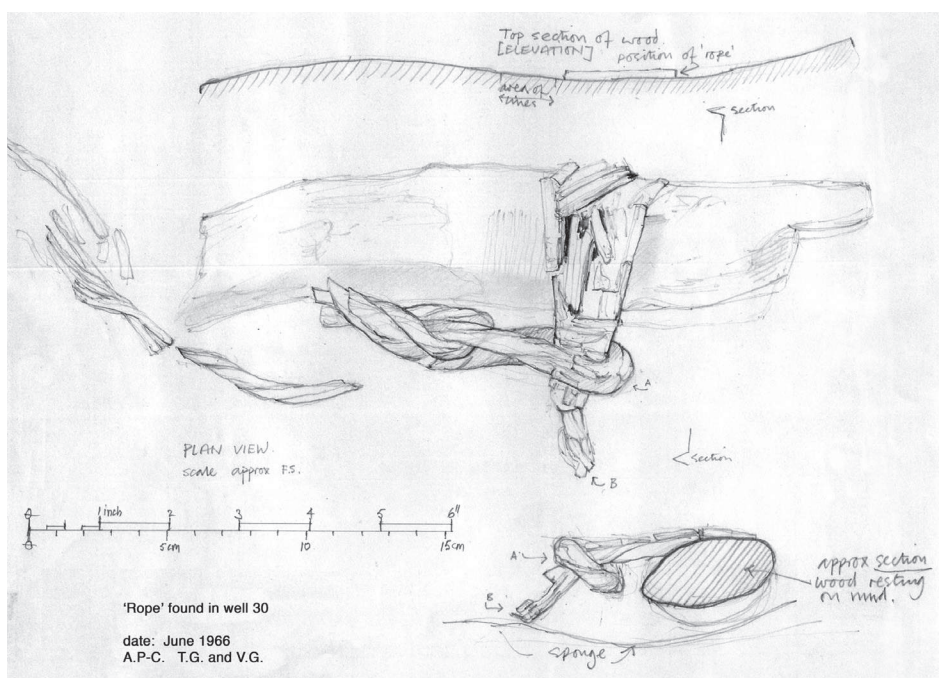
**W**ood Arch.Well30.19 [PC282/1966]  
Wood with withy 'rope' knot.

A.P-C Field book

Sat 11th June 1966 collected a piece of twisted withy rope by a piece of wood & beneath a larger piece collected E. side of shelf, land end. One end frayed into 2 strands other doubled back onto the wood.

Sat 13th Aug 1966 V&T Gibbons came cleaned up & drew withy rope 'knot' from well30.

[Arch.Well30.19.]



**W**ood Arch.Well30.20 [PC281/1966]  
Wood disc, bucket base with small piece wood side stave.



[Arch.Well30.20.]

illustration 1/4 full size

## Well30 LIA shaft base display with pots

[2017 Powell Cotton Museum gallery 4]



## Bronze gilt brooch/fibulae from pit O:9



Approximately Twice Full Size Arch.pitO:9. 6 [PC262/1961]

Cliff top pit M.S.1	[1954/61]	page 78
Cliff top pit O:1	[1954 & 1963]	page 79
Cliff top pit O:2	[1955]	page 81
Cliff top pit O:3	[1957]	page 82
Cliff top pit O:4	[1959]	page 83
Cliff top pit O:5	[1959/60]	page 84
Cliff top pit O:6	[1960]	page 87
Cliff top pit O:7	[1960]	page 92
Cliff top pit O:8	[1960]	page 93
Cliff top pit O:9	[1960]	page 94
Cliff top pit O:10	[1960/62]	page 97
Cliff top pits O:11& O:12		page 99
Cliff top pits O:13 to O:15		page 100
Cliff top pits O:16 to O:19		page 101

## Cliff top pits and the 1960s promenade.

This plan shows the impact of the modern promenade superimposed on the Ordnance Survey plan prior to the contractors work. Of the recorded 23 pits or groups of pits, only probably 5 remain post cliff reconstruction. A.P-C excavated & photographed many pits ahead of the contractors, saving in excess of six thousand pot sherds from the cliff top pits, cleaned and stored at Quex House. Some examples from each of the pits is shown on the following pages.

### Note

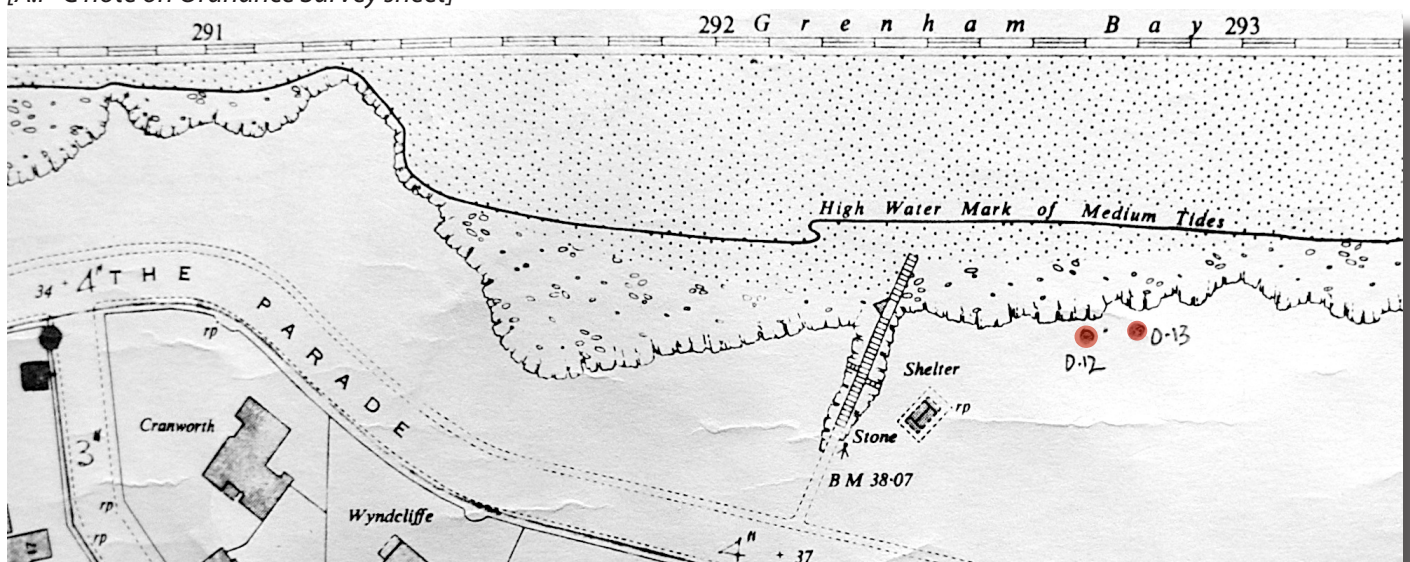
At the end of each pit analysis is a green information rectangle stating the approximate number of pot sherds and where they are now stored at the Powell-Cotton Museum.

Also shown on this plan are the names given by A.P-C to the bay inlets resulting from the storms prior to 1954. Normally fairly obvious pseudonyms, eg 'Oyster Bay' resulting from the large mounds of discarded oyster shells [possibly the prefix 'O:' originated from this]

More significant is the early excavation of M.S.1 on cliff edge, above what A.P-C named 'Millstone Bay', presumably resulting from the significant amount of millstone fragments gleaned on the foreshore.



Further cliff top pits were discovered to the east above Grenham Bay. Those located here are O:12 & O:13. [A.P-C note on Ordnance Survey sheet]



## Cliff top pit M.S.1 etc.

**P**it O:4 Excavated by A.P.C. 1959

A.P-C Index Card M.S.1. (Oven pit. Millstone Bay pit1) 1958-59  
 Location: Grenham. At cliff face west off Sea View Avenue.

Size: Oven at end of Ditch. 'Oven' pit depth 3' 4", dia. 1' 6". Small more or less circular pit at face of cliff with large ditto inland and to west side chalk between slopes down towards larger pit.

Finds: pair bone "weaving tools". Sherds 50BC-50 AD. 1 bronze coin 2 ft below turf 6 ft from pit edge on cliff face.

Fill: Loam - lined burnt clay except on entrance to big pit very sooty beneath - smear buff clay on chalk bottom, 3- 4 flint nodules at base -? Stuck in clay or shaft base.

Refs: Bk.8, p.23,26-27, 29, 39. Bk.9, p.4-16, Bk5 p. 23-24,33, Bk.10, p.2-6,10, Bk,13, p.66, Bk.14, p.74.



photo: 1959 [APC]  
 A.P-C cleaning out 'oven'.



photos: 1958 /59[APC]  
 above: setting up site to start work.

Far left: after two days of excavation .

Note sea 30 ft below.

Left : completion of work showing oven and ditch.

Note

**P**ot sherds [190+] from this pit are stored in the following boxes at PCM.  
**Arch.79**  
**Arch.81**

## Cliff top pitM.S.1 etc. continued

### Pot Arch.pitMS1. 1 [PC265/1961]

Pot, Early Roman 50-100AD.

Thanet silty. Near complete, complete profile, some sherds missing on lower body. Wheel made, lid seated.



[Arch.pitMS1. 1]



### Pot Arch.pitMS1. 2 [IOTAS1332]

Pot sherd, Late Iron Age to Early Roman 25-75AD.

Thanet silty. Large sherd, part profile, half of small fineware bowl, comprising the rim and body, just missing the base.



[Arch.pitMS1. 2]

image  
not to scale



*The sherds below are from pit MS3 [part of MS1 group] and MSB assumed from Beach being spoil of MS1 at cliff edge.*

### Pot Arch.pitMS3. 1 [IOTAS2:309]

Pot sherds[3], Late Iron Age to Early Roman 50BC-50AD.

'Belgic' style grog tempered. Oxidised, soft and grotty.

[Arch.pitMS3. 1]



### Pot Arch.pitMSB. 1 [IOTAS2:768]

Pot sherds[22], Early Roman to Mid Roman 100-175AD.

22 sherds, 11 tile fragments. 2 sherds heavily sea-rolled. Some Romanising grogged.

[Arch.pitMSB. 1]

[Arch.pitMSB. 1]

image  
not to scale



above illustrations 1/4 full size



## Cliff top pitO:1

**P**itO:1 Excavated by A.P-C. Sept 1954 &1963

A.P-C Index Card CLIFF O.I

Location: Cliff top Minnis Bay. Opposite Sea View Ave

Filling: Top brown earth. Chalky mixed rather tough reddish earth? with some sand mixed: looser. Ashy grey earth loose in parts. Flint line with earth difficult to shift – Ashy I layer to chalk floor – crumbling soft stuff.

Oysters ++ - some cockles – mussels, whelks – flint nodules & pebbles - signs of ash,

pot sherds very mixed - ! brooch Reg: PC227



[Arch.pitO: 1. 1.1]

1/4 full size

**P**ot Arch.pitO: 1. 1.1 [IOTAS2:355]

Pot sherds [30], Early Roman 75-125

AD. ly fresh. 1 sea-rolled sherd ?originally deposited.



[Arch.pitO:1. 1.1]

images  
not to scale

**P**ot Arch.pitO:1. 1.2 [IOTAS2:355]

Pot sherd, Early Roman 75-125 AD.  
Kentish flagon base.



[Arch.pitO:1. 1.2]



[Arch.pitO:1. 1.2]

**P**ot Arch.pitO:1. 1.3 [IOTAS2:355]

Pot sherd, Early Roman 75-125 AD.  
North Kent fine grey ware flanged dish  
or platter.



[Arch.pitO:1. 1.3]

above 1/4 full size

Note

Pot sherds [1,700+] from this pit are stored in the following boxes at PCM.

**Arch.54** [IOTAS 2:1-2:18]

**Arch.55** [IOTAS 2:19-2:45]

**Arch.78**



[Arch.pitO:1.2]  
1st view

**Arch.pitO:1.2** [PC227/1962]  
Fibula. Small bronze brooch, broad flat section. Pin missing.  
Main section fractured as seen in 3rd view.



[Arch.pitO:1.2]  
2nd view  
[image full size](#)



[Arch.pitO:1.2]  
3rd view



[Arch.pitO:1.2]  
4th view

## Cliff top pitO:2

**P**itO:2 Excavated by A.P-C. January 1955

A.P-C Index Card PIT O:II

Location: Cliff top Minnis Bay.

Filling: Turf – earth – layer oyster shell with very fragile sherds jammed amongst them. Some thicker coarse sherds lower and at cliff edge x. Few mussels- 1 whelk. 1 bead from bank at side. Apparently an older hollow at cliff face and behind an oblong pit with sides sloping towards the bottom.

**P**ot Arch.pitO:2. 1 [O:II/1955]

Pot sherds[16] ? Middle Bronze Age 1550-1350 BC. Flint tempered. Unusual. Cluster of extremely thin walled rim and body sherds, very crude, slightly finger-fluted with a row of roughly pierced holes beneath rim.



[Arch.pitO:2. 1 exterior]



[Arch.pitO:2. 1 interior]

**P**ot Arch.pitO:2. 2 [IOTAS2047]

Pot + sherds Late Iron Age to Early Roman 25 BC-50 AD. [PC267/1963]

'Belgic' style grog tempered. Conjoining sherds form full profile, near complete, comb finished jar.



[Arch.pitO:2. 2 reconstructed]



[Arch.pitO:2. 2 loose sherds]

**P**ot Arch.pitO:2. 3 [IOTAS2177]

Pot sherds[3], Late Iron Age to Early Roman 25 BC-50 AD.



[Arch.pitO:2. 3]

Note

Pot sherds [350+] from this pit are stored in the following boxes at PCM.

**Arch.07**

**Arch.56** [IOTAS 2:46-2:56]

all above 1/4 full size

## Cliff top pitO:3

**P**itO:3 Excavated by A.P-C. Oct 1957

A.P-C Index Card PIT 0: III Oyster dump 3 - RB

Location: Opposite Sea View Ave – Minnis. -see photo

Measure: Depth about 6". Base uneven.

Fill: Oysters ++ in lower pit,, that cut into the chalk a few whelk & winkle – little bone, 1 jaw fragment on base of pit. Turf and dusty top – tougher digging white streaked – Patches with crock clayish on sides & base. Light buff ?silt immediately on base.

Refs. Bk. 6. P.24-28. Bk. 7. P 26-27, 29-31.

**P**ot Arch.pitO:3. 1 [IOTAS2181]

Pot sherds[40], Early to Mid Roman  
50-175 AD.

Predominantly Thanet siltys, some Romanising Thanet siltys worn, 1 possibly contemporary flint tempered, some grogged, some Romanising grog tempered, N Kent fine grey (50-125 AD), 1 Canterbury sandy (125-150 AD), 1 Romanised grog tempered storage jar (mid to later 2nd C AD).



photo: 1957 [APC 11/4]  
cliff pits 'Oyster Bay'



[Arch.pitO:3. 1]

1/4 full size

[Arch.pitO:3. 1]

image  
not to scale



Note

Pot sherds [550+] from this pit are stored in the following box at PCM.  
**Arch.57**

## Cliff top pitO:4

**P**itO:4 Excavated by A.P-C. 1959

A.P-C Index Card Pit 4 (oyster pointO – Romano British  
*Location: Between Grenham and Minnis - in cliff face west of "oyster bay" i.e. Sea View Ave. End of buttress between MS1 and O:9 4 see Bk 15. P .106. Area along cliff face – pits and gullies etc.11 paces to back section MS1*  
Refs: Bk 10



[Arch.pitO:4 1]

1/4 full size

**P**ot Arch.pitO:4. 1 [IOTAS2:260]

Pot sherds[53], mostly Late Iron Age to Early Roman 50 BC-125 AD. 1 residual Mid Bronze Age or Early Middle Iron age, 1 intrusive Mediaeval.

Mostly Romanising grog tempered and Thanet siltys (50/75-125 AD).

1 small worn flint tempered (MBA or EMIA). 1 Mediaeval Canterbury Tyler Hill sandy ware (1250-1350 AD).



[Arch.pitO:4. 1]

image  
not to scale

Note

**P**ot sherds [120+] from this pit are stored in the following box at PCM.  
**Arch.58**

## Cliff top pit O:5

**Pit O:5** Excavated by A.P-C. 1959 - 60

A.P-C Index Card PIT O: 5 Top Romano British, Pits E.early Iron Age.

Location: Between Grenham and Minnis in cliff face opposite Sunshine house W. of Sea view Ave.

Complicated stretch above cliff - O:5/1, O:5/2, O:5/3 & O:5/8 etc.

Size: 30 gullies and pits

O:5/0 oven next O: 5/2

O:5/1 Circular, burnt pink on walls. Depth about 8'0" from turf. 5.5' - 4.5' to chalk. Dia 3-3.5'

O:5/2 Burnt pit Large circular - ? Much burnt matter in fill + lumps of chalk.

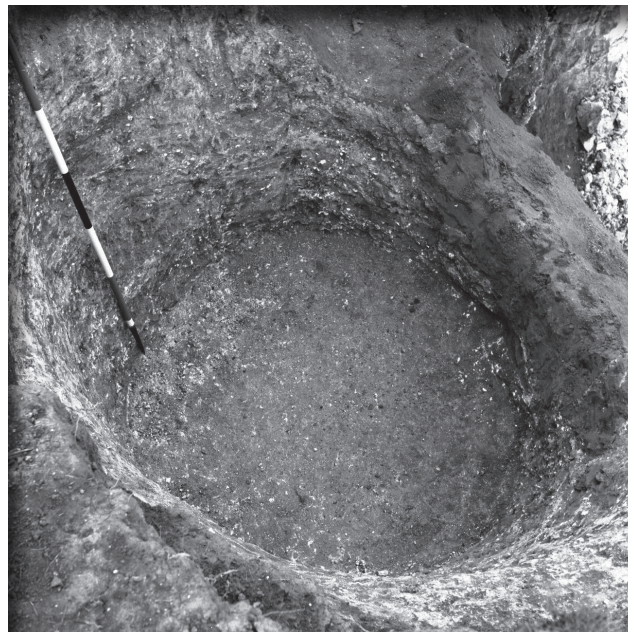
O:5/3 End of butt, part eroded. circular as /1 no pink now if ever.

O:5/4/5/6/7 gullies to West of pits ? mixed R.B. & EIA A-B

O:5/5 Tan gully 8" at largest.

O:5/8 Area above and inland Pits 1 & 3 level with 2.

Finds: 1 safety-pin without pin with Belgic or RB sherds.



**Pot Arch.pit O:5. 2** [IOTAS2:77]

Pot sherds[30], Middle Late Iron Age to Early Roman. Flint tempered and various others.

'O:5 cell 2 burnt pink layer'. Many fresh sherds of MLIA flint tempered (125/100-50 BC). Some worn LIA-ER>ER intrusives, including 1 Central Gaulish samian (Flavian, 69-100 AD), 1 Canterbury sandy (75-150 AD). Deposition 100-150 BC, with intrusive ER arriving after 100/150 AD.



photo: 1957 [APC 36/10]  
cliff pit O:5/2 8ft deep part  
of O:5 group of pits.

[Arch.pit O:5.2]  
1/4 full size

[Arch.pit O:5.2]

image  
not to scale

## pitO:5 continued

**Pot Arch.pitO:5. 1** [IOTAS2:65]  
Pot sherds[6], Early Middle Iron Age to Middle Iron Age. 500-300 BC.  
Flint tempered small sherds, 1 with broad incised lines.



[Arch.pitO:5. 1]

**Pot Arch.pitO:5. 3** [IOTAS2:89]  
Pot sherds[5], Middle Late Iron Age to Late post Mediaeval. Flint Tempered and various.  
'O:5 cell 2 Gully top'. MLIA, LIA-ER, ER, MR, LPM (flower pot).



[Arch.pitO:5. 3]

**Pot Arch.pitO:5. 4** [IOTAS2:81]  
Pot sherds[14], Early Middle Iron Age to Middle Late Iron Age.  
'O:5 cell 2 Oven'. ?3 residual EMIA; rest MLIA 200-50 BC



[Arch.pitO:5. 4]

**Pot Arch.pitO:5. 5** [IOTAS2:103]  
Pot sherds[11], Middle Late Iron Age to Early Roman various, 200-75 BC.  
'O:5 cell 4'. Fresh MLIA (200-50 BC), worn LIA-ER intrusive.



[Arch.pitO:5. 5]

**Pot Arch.pitO:5. 6** [IOTAS2:128]  
Pot sherds[11], Middle Late Iron Age  
Flint tempered 100-50 BC.  
'O:5 cell 5'. Could be residual.



[Arch.pitO:5. 6]

### Note

Pot sherds [2,850+] from this pit are stored in the following boxes at PCM.  
**Arch.59** [IOTAS 2:63-2:75]  
**Arch.60** [IOTAS 2:76-2:94]  
**Arch.61** [IOTAS 2:95-2:110]  
**Arch.62** [IOTAS 2:111-2:133]  
**Arch.75**

all above 1/4 full size

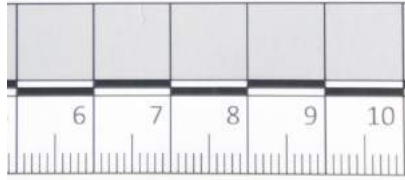
**Arch.pitO:5.7** [PC264/1962]

Fibula. Small bronze brooch, broad flat section. Pin & spring missing. 'O:5 cell 8'. In RB or 'Belgic' layer containing gritty EIA sherds.



[Arch.pitO:5.7]

*image full size*



**Arch.pitO:5.8** [PC259/1960]

Pot base. Early Iron Age  
'O:5 cell 3'.



[Arch.pitO:5.8]



[Arch.pitO:5.9]

*1/4 full size*

**Arch.pitO:5.9** [PC259/1960]

pot base, Early Iron Age  
'O:5 cell 1'. Very dark showing signs of polishing

[Arch.pitO:5.8]



[Arch.pitO:5.9]

*image not to scale*



## Cliff top pitO:6

**P**itO:6 Excavated by A.P-C. 1960 Jan & Whitsun

A.P-C Index Card PIT O:6 ? Belgic or ERB.

Location: *Between Grenham and Minnis on cliff top.*

Size: O:6A Top. Turf & flints layer EIA.

O:6B above pits in chalk

O:6C small irregular depression in chalk 10" depth contained horse cranium. A type pots

O:6D Little hollow containing rim sherds.

O:6/1 pit.

O:6/3a = ash layer lower half of fill.

O:6/3p = 'plug' top half of pit fill. Very tough, burnt clay etc.

Finds: *oblong pot, spindle whorl, "urchin" pit. 1 little bluey glass ribbed bead.*

Refs: [field books]

Bk. 11: p. 5-7, 10-17, 21-25, 31, 35-39, 46, 54-55, 58-60. 66.

Bk. 12: p.58-59. Bk. 14: p:18,20-60. Bk. 14 /27 -30. 35.



photo: 1960 [APC 25/7]  
O:6 pits 1[foreground], 2 & 3.  
Sample square left - turf removed showing layer of flint.

### Pot Arch.pitO:6. 1 [IOTAS2:799]

Pot sherds[7], Late Iron Age to Early Roman. 'Belgic' style grog tempered 50 BC-50 AD.

Including 1 mixed temper ripple necked jar rim (part profile).



[Arch.pitO:6. 1]

image  
not to scale



#### Note

Pot sherds [2250+] from this pit are stored in the following boxes at PCM.

**Arch.63** [inc.IOTAS 2:201-2:218]

**Arch.64** [inc.IOTAS 2:187-2:200]

**Arch.65** [inc.IOTAS 2:809-2:819 ]

**Arch.76**

## pitO:6 continued

**P**ot Arch.pitO:6. 2 [IOTAS2:258]  
 Pot sherds various, Middle Late Iron Age to Mid Roman. 125 BC-200 AD  
 '2nd dig'. Fresh MLIA (125-50 BC), fairly fresh LIA>LIA-ER (50 BC - 25 AD), worn LIA-ER>MR (0-200 AD). 1 small sherd of Rhenish colour coated barbotine cup.

[Arch.pitO:6. 2]



**P**ot Arch.pitO:6. 3 [IOTAS2:109]  
 Pot sherds various, Middle Late Iron Age to Early roman. 125 BC-200 AD  
 '1st dig'

[Arch.pitO:6. 3]

[Arch.pitO:6. 3]  
 image  
 not to scale



[Arch.pitO:6. 4]

**P**ot Arch.pitO:6. 4 [IOTAS2:797]  
 Pot sherds[11] various, Middle Late Iron Age 100-50 BC.  
 'VB' (very bottom?). All fairly fresh. 2 jars of same form: 1 flint tempered, 1 'Belgic' style grogged.



[Arch.pitO:6. 4]

image  
 not to scale



all above 1/4 full size

## pitO:6 continued

**P**ot Arch.pitO:6. 5 [PC 254/1960]  
 Pot sherds[6] flint tempered, Mid Iron Age to Mid Late Iron Age. 350-150 BC  
 Fresh, some conjoins, forming 3 large rim sherds from 3 part-profile bowls; 1 with an unusual shoulder, 2 others more akin to MIA angle shouldered bowls.

[Arch.pitO:6. 5]



image not to scale

[Arch.pitO:6. 5]



**P**ot Arch.pitO:6. 6 [PC 251/1960]  
 Pot urn. Iron Age. Half and base only.  
 Large urn coarse gritty red brown clay part of rim and base, height 12".

[Arch.pitO:6. 6]

**P**ot Arch.pitO:6. 7 [PC 252/1960]  
 Pot small urn, Iron Age.  
 Small urn of black gritty clay, incomplete [very friable].

[Arch.pitO:6. 7]



**P**ot Arch.pitO:6. 8 [PC 255/1960]  
 Pot square shaped mould or container, Iron Age.

*APC note:*  
 Possibly salt mould, may have had a lid.  
 See W.J. Varley excavation report 1939, Castle hill Almondbury... "Quadrangular vessel with lid 56BC to 43AD, Bricantean"



image not to scale

all above 1/4 full size

pitO:6 continued



[Arch.pitO:6.9]

**P**ot Arch.pitO:6.9 [PC 257/1960]  
 Pot pedestal urn, ht 8 3/4", Iron Age.  
 Thinnish dark grey clay part restored rim  
 to base in two pieces .  
 Hatched decoration upper third.

**P**ot Arch.pitO:6.10 [PC 258/1960]  
 Pot urn sherd, length 7 3/4".  
 Iron Age.  
 Very coarse piece of large urn, from rim  
 to base.



[Arch.pitO:6.10]

**P**ot Arch.pitO:6.11.1 [PC 253/1960]  
 Pot sherds[2]. Base of small pot.  
 Greyish clay.

**P**ot Arch.pitO:6.11.2 [PC 253/1960]  
 Pot sherds[7].  
 Base of reddish brown pot.



[Arch.pitO:6.11.2]

[Arch.pitO:6.11.1]



[Arch.p

[Arch.pitO:6.11.2]

pitO:6 continued



[Arch.pitO:6.12]

**P**ot Arch.pitO:6.12 [PC 256/1960]  
 Pot small strainer, Iron Age.  
 height 3 3/4", diameter 5 1/4"  
 Grey clay full profile, rim badly damaged.  
 Holes in base to form strainer.



[Arch.pitO:6.12]  
 1/4 full size



[Arch.pitO:6.12]  
 image  
 not to scale

[Arch.pitO:6.15]

**P**ot Arch.pitO:6.14 [IOTAS1123]  
 Pottery spindle whorl, Iron Age.

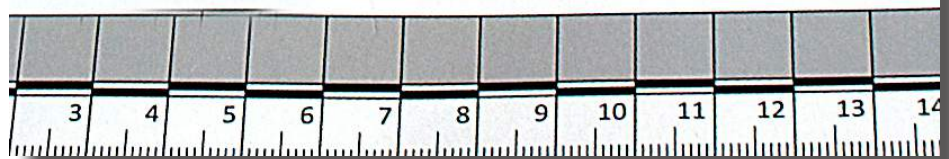
**P**ot Arch.pitO:6.15 [IOTAS1129]  
 Pottery spindle whorl, Iron Age.  
 [modern spin stick for display]



[Arch.pitO:6.14]

[Arch.pitO:6.13]

**P**ot Arch.pitO:6.13 [IOTAS1122]  
 Pot or 'stone' loom weght, Iron Age.



approximately full size

## Cliff top pitO:7

**PitO:7** Excavated by A.P.C. 1960

A.P-C Index Card PIT O:7 'Winkle Dump' March 1957

Location: opp. Sea View Avenue. Grenham side of Oyster bay.

Size: From turf 4'6" (from bank about 5'0") east side, highest chalk 2'0"; Diameter about 3'6". A very neat basin shaped pit with little gully on 3 sides ?

Fill: Winkles++ about 3" deep along cliff edge & more mussel, cockle & crumbled bone further in. Some flint nodules : brick earth around. Above winkle level a few worn muddy sherds. Flint flakes with the shells – I think obviously struck & 1 boring tool - ? for opening shells.

Finds: Some worn sherds above winkle level flakes flint and ? pebble tool among shells.? Also scrap samian on very bottom.

Refs: Bk. 6 p.20 –28, Bk.7 p.9, 26-27, 29 – 31.Bk11 p46.

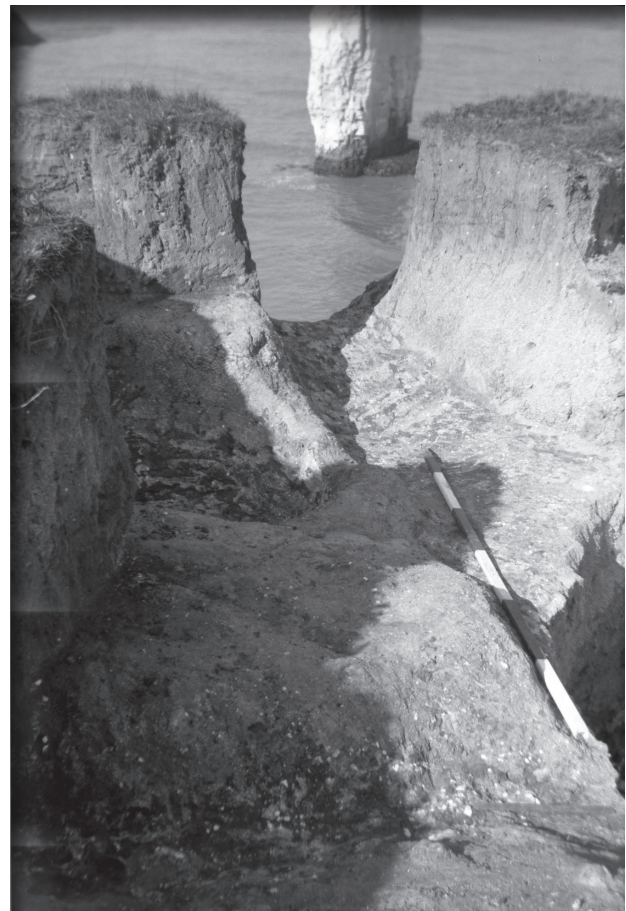


photo: 1961 [APC 28/6]  
Pit left centre with shallow gully alongside partly eroded joined by narrow 2nd gully at right angles

**Pot Arch.pitO:7. 1** [IOTAS2:182]

Pot sherds various. Late Iron Age to Early Roman.

Small sherds. \*1 flint tempered scrap residual. Rest LIA-ER>ER (50-150 AD).



[Arch.pitO:7.1]

**Pot Arch.pitO:7. 2** [IOTAS2237]

Pot sherds various, Middle Late Iron Age to Late Mediaeval. 125 BC-1450 AD

Small sherds. 1 flint tempered possibly quite late (MLIA, or later), 1 grog tempered (mid to late 1st C AD), 1 Roman tile (2nd C AD), all these worn. 3 small but fresher Mediaeval Canterbury sandy ware (1250-1450 AD).



[Arch.pitO:7.3]

**Pot Arch.pitO:7. 3** [IOTAS2241]

Pot sherds various, Middle Late Iron Age to Early roman. 125 BC-125 AD.

All small sized. Several MLIA, 1 LIA-ER chaff tempered briquetage, 1 LIA-ER red surfaced flagon, some ER.

Note

Pot sherds [240+] from this pit are stored in the following box at PCM.  
**Arch.66**

## Cliff top pitO:8

**PitO:8** Excavated by A.P-C. and John Jewell 1960

A.P-C Index Card PIT O:8

*Pits O:8 A, B & C 1960*

*Location: Grenham – Minnis cliff. Between Seaview Avenue and Hereward – opposite Sunshine House end of buttress. Between end of buttress and west of MS.1,*

*changed from O:9 Inland = O.A., Mid = O.B., End of buttress = O.C*

*Size: 2'3" deep about 3'0'*

Refs. Bk. 10, p.63-84, 86,89.. Bk 11, p. 48, 55-57.

**Pot Arch.pitO:8. 1** [IOTAS2:221]

Pot sherds[7] ?Middle Iron Age to Early Roman 250BC-125AD.

Various 'Bottom'. Small body sherds.



[Arch.pitO:8.1]

**Pot Arch.pitO:8. 2** [IOTAS2:220]

Pot sherds[6] ?Middle Iron Age to Early Roman 250BC-125AD.

Various. 'Sticky patch'. 'Middle'. Small sized.



[Arch.pitO:8.2]

**Pot Arch.pitO:8. 3** [IOTAS2:220]

Pot sherds[16] Middle Late Iron Age to Post Mediaeval 200BC-1750AD.

'Top'. Small, worn. 4 fragments of PM tile. 1 flint tempered, perhaps 2 possible Romanising, several LM and PM.



[Arch.pitO:8.3]

Note

Pot sherds [250+] from this pit are stored in the following box at PCM.  
**Arch.67**

## Cliff top pitO:9

**P**itO:9 Excavated by A.P-C. 1960

A.P-C Index Card PIT O.9 1960

Location: O:9/1 East from buttress O.6 and parallel to sea. Actually continuation of O.10

Refs: Bk. 12 p. 47, 49-50.

O:9/2 Extension east along cliff face opp Sunshine House.

Shallow excavation in chalk between O:10 and large pit O:9/3.

Refs: Bk. 12 p. 49-51

O:9/3. Location ext east of cliff face to O.9/2. Land side of O.6 buttress deepish large pit into cave -: abandoned. Had slight excavation in chalk seaside of pit. Pit appeared circular.

Refs: Bk. 12, p. 50-56, 59. Bk. 13 p.12, 21-23, 26.28. Bk. 14 p.23,69.

O:9/4 Location next O.9/1 & O.9/6 cut stone side seaward side of O:10, east of O:6 buttress.

Size: Little pit part in chalk. Depth from turf 2'6", sooty level to chalk base about 4'. 2'6" x 2'3".

Refs: Bk 13/26-28.

Fill: Sooty then putty coloured then fawn sticky clayish to bottom a bit mixy about 5". Finds Safety pin PC 262/1961 large barrel.

O:9/5 Location: Pit beside or overlapping continuous with O.9/3 to east & inland corner of O9/3 as finally dug. - opened up by contractors in cave cutting prior to sealing with concrete.

Depth: about 7'4" diameter about 10'6".

Finds: safety pin PC 261/1961.



photo: 1961 [APC 28/1] Part of pits group O:9. O:9/4 with vertical rule, O:9/3 large pit in background. Little bonfire hollow centre front with burnt stone to right.

**P**ot Arch.pitO:9.1 [IOTAS2:263]

Pot complete lower body of a coarseware storage jar, part profile, fairly fresh. Small spalling damage on exterior.

Middle Late Iron Age, flint tempered 150-50 BC.

O:9/1.

[Arch.pitO:9.1]



[Arch.pitO:9.1]



all above 1/4 full size

[Arch.pitO:9.1]



image not to scale

Note

Pot sherds [2250+] from this pit are stored in the following boxes at PCM.

**Arch.68** [inc.IOTAS 2:227-2:239]

**Arch.69** [inc.IOTAS 2:240-2:248]

**Arch.70** [inc.IOTAS 2:249-2:261]

**Arch.71** [inc.IOTAS 2:262-2:270 etc.]



pitO:9 continued

**P**ot Arch.pitO:9.2 [IOTAS2:265]  
 Pot sherds various, generally reduced.  
 1 chaff tempered.  
 Late Iron Age to Early Roman 25BC-75AD.  
 O:9/2.

[Arch.pitO:9.2]



**P**ot Arch.pitO:9.3 [IOTAS2:267]  
 Pot sherds[8] small and medium sized.  
 2 conjoining MR (150-200 AD) fresher.  
 Early Roman to Mid Roman 50-200 AD.  
 O:9/3.

[Arch.pitO:9.3]



[Arch.pitO:9.3]  
 image  
 not to scale



**P**ot Arch.pitO:9.4 [IOTAS2:879]  
 Pot Conjoining sherds from a near  
 complete fineware jar rim, part profile,  
 neat and well made and possibly tour-  
 nette finished.  
 Middle Late Iron Age, flint tempered 150-  
 50 BC.  
 O:9/4.

[Arch.pitO:9.4]



[Arch.pitO:9.4]  
 image  
 not to scale



all above 1/4 full size



[Arch.pitO:9.5]

**F**ibulae Arch.pitO:9. 5 [PC261/1961]  
 Bronze brooch small, rounded section  
 double spring with pin.  
 2'0" down in O:9/3 large pit containing RB  
 ?Belgic sherds.  
 Length 1 3/4"  
 BM guide (Collingwood group E)



all above full size

[Arch.pitO:9.6]

**F**ibulae Arch.pitO:9. 6 [PC262/1961]  
 Large heavy brooch, decorated scroll  
 end. Spring covered with metal sheath.  
 Length 2 1/4"  
 BM guide (Collingwood group K or K1)

above images not to scale

## Cliff top pitO:10

**P**itO:10 Excavated by A.P-C. 1960

A.P-C Index Card PIT O:10 Snail, mussel dump! 1960

Location: Between Grenham and Minnis - in cliff face

Ditch - Between O.6 & O.5 (O.10/?/2 see O.5)

Size: Depth 4'8" to turf, 2'0" to chalk. Length about 12'0"

Width at base about 1'6" at chalk level 2'6".

Refs: Bk. 12 (male skeleton details) p,47- 53, 56-58, 59, (?Bk. 14/12-15, O:10 north or ?O:9), Bk 13.p.30-34, Bk 14.p.20, 68-69,73,83. Bk 15 p.56-59 skeleton details.

Finds: Skeleton in ditch – old male estimated height 4'11". Note skeleton and skull given PC number 263 A/1962.

O:10/2 sandstone, a fore part of flint blob, ? post hole fill in centre ditch between male and burnt area,



photo: 1962 [APC 32/7]  
rod at site of skeleton.  
Buttress O:6 out to sea



photo: 1962 [APC 32/4] ditch with contracted skeleton



photo: 1962 [APC 32/1] A.P-C and Lester Barton in front of digger on cliff edge.  
Contracted skeleton in ditch.

## pitO:10 continued

**Pot Arch.pitO:10. 1** [IOTAS2:284]  
 Pot sherds[22] Middle Late Iron Age to Late Mediaeval 100BC-1450AD.  
 Flint tempered probably MLIA and some ER, these ranging 100 BC – 125 AD.  
 1 piece Late Mediaeval (1375-1450 AD).



[Arch.pitO:10.1]

**Pot Arch.pitO:10. 2** [IOTAS2:291]  
 Pot sherd rim Middle Late Iron Age to Late Iron Age 150BC-0BC.  
 Flint tempered.

[Arch.pitO:10.2]



image  
not to scale

**Pot Arch.pitO:10. 3** [IOTAS2:278]  
 Pot sherds[20] Middle Late Iron Age to Late Mediaeval 150BC-1525AD.  
 Small, many worn. 13 sherds, 5 brick/tile fragments. MLIA>ER (150 BC – 150 AD).  
 1 Mediaeval (1225-1250 AD),  
 1 Late Mediaeval (1475-1525 AD).

[Arch.pitO:10.3]



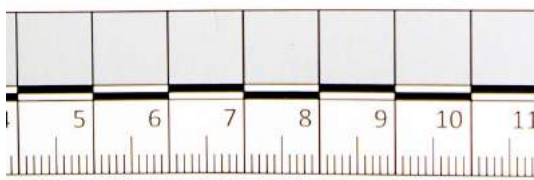
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### Note

Pot sherds [1000+] from this pit are stored in the following box at PCM.  
**Arch.72** [inc.IOTAS 2:271-2:294]

**Fibulae Arch.pitO:10. 4** [PC263/1962]  
 Bronze brooch small, rounded section double spring with pin. Length 2 1/8" 2'3" down in RB [or Belgic] layer above O:10 ditch containing skeleton.  
 Pin & skeleton 2'0" apart.

[Arch.pitO:10.4]  
full size



[Arch.pitO:10.4]  
image  
not to scale

## Cliff top pitO:11

**PitO:11** Excavated by A.P-C. 1961

A.P-C Index Card Pit O:11

Location: West side of buttress to east of O:6

Finds: None

Refs: BK.12 p.81.

Note

**P**ot sherds [none] from this pitO:11

## Cliff top pitO:12 [Grenham Bay]

**PitO:12** Excavated by A.P-C. 1961

A.P-C Index Card Pit O:12. RB burial 1961

Location: Cliff face. East of central steps Grenham Bay, end & west deep earth buttress.

Size: Depth from turf 3'6" in chalk 1'6" width 2'0", remaining length 2'6", oblong, flat base.

Fill: Sample taken, contained a few mussel, tiny translucent white shells as in O:6/1, a little flint – chalk peas.

No archaeology no significance.

Finds Platter "pie dish" nearly complete protruding from cliff face, fragment long bone beside it both east side of grave.

Little jar: above and behind skull, resting on end wall of grave.

3 large iron nails: 1 back of head behind and below jar & 1 at either side (S & W both pointing diagonally forward – other not noted).

Cranium: found upright facing east wall at south end of grave (roughly N to S) no lower jaw, some teeth, no face skull collapsed. Fragment of 1 long bone.

Refs. Bk 13 p.25, 29, Bk 15 p.23,25,29.



photo: 1961 [APC 29/2] Grenham Bay looking east. Rod in burial pit O:12, [beyond is deep soil pit O:13]

**Pot Arch.pitO:12. 1** [PC260/1961]

Pot Thanet Silty, Late Iron Age to Early Roman 25-75AD.

Complete dish, plain, hand made, interestingly crude.

APC notes:

Platter [cover] of light brown clay damaged edge. Diameter rim 6 3/4" base 4 1/4" ht 1 3/4".

Associated with burial, cranium and part long bone fragmented also small pot fragments and 3 nails /coffin.

(See also Miss APC notes for further details)



[Arch.pitO:12.1]



above 1/4 full size

Note

**P**ot sherds [7+] from this pit are stored in the following box at PCM.

**Arch.73**



image not to scale

## Cliff top pitO:13 [Grenham Bay]

**P**itO:13 Excavated by A.P.C. 1961

A.P-C Index Card Pit O:13 Deep soil ditch

Location: Cliff face. East of central steps Grenham Bay,  
Size: About 10'0"

Finds: Mussel, cockle, whelk, 1 scrap black grooved ? Belgic from near bottom east side but this could possibly fallen from a higher level although I don't think so.

Refs: Bk. 14, p.22,72

[Arch.pitO:13.1]



**P**ot Arch.pitO:13.1 [IOTAS2:179]

Pot sherds[15] Late Iron Age to Mid Roman 50BC-200AD.

1 Romanising 'Belgic' grogged. 1 thin walled slimline flint tempered with a 'Belgic' style bead rim. 1 scrap samian probably Eastern Gaulish.

[Arch.pitO:13.1]

image  
not to scale



Note

Pot sherds [35] from this pitO:13 are stored in the following box at PCM.  
**Arch.74**

## Cliff top pitO:14

**P**itO:14 Excavated by A.P.C. 1962

A.P-C Index Card Pit O:14

Little ?post hole Photo 1962

Note

Pot sherds [none] from this pitO:14

## Cliff top pitO:15

**P**itO:15 Excavated by A.P.C.

A.P-C Index Card Pit O:15 [O:15A, 15B, !5C]

Location: 2 small cuts in west and south face either side of bank across buttress east of O:6.

**P**ot Arch.pitO:15.1 [IOTAS20]

Pot sherds[15] Middle Late Iron Age to Late Mediaeval 150BC-1400AD.

Small sized. Several MLIA>Mid Roman (150 BC – 200 AD).

1 sherd Mediaeval to Late Mediaeval (1350-1400 AD).

[Arch.pitO:15.1]



Note

Pot sherds [35] from this pitO:15 are stored in the following box at PCM.  
**Arch.74**

## Cliff top pitO:16

**P**itO:16 Excavated by A.P-C.

A.P-C Index Card Pit O:16

Shelf between O:7 (winkle dump), to west point Grenham.

Note

**P**ot sherds [none] from this pitO:16

## Cliff top pitO:17 [Grenham Bay]

**P**itO:17 Trenches ?Great War. West of Grenham gap.

A.P-C Index Card Pit O:17

Note

**P**ot sherds [none] from this pitO:17

## Cliff top pitO:18 [Grenham Bay]

**P**itO:18 Excavated by A.P-C. 1962

A.P-C Index Card Pit O:18

*Location: Close to O:12 presumed grave, probably nil.*

*Finds: 1 piece oyster, 1 flint flake, 1 eroded bone.*

*Refs: Bk15.*

Note

**P**ot sherds [none] from this pitO:18

## Cliff top pitO:19

**P**itO:19 Excavated by Appleton 1937-1939

A.P-C Index Card 'Appleton' Pit O:19

*Location: Minnis Bay – west end of cliff.*

*Refs: Appleton Bk A*

*Note: Collected from Mrs Appleton, widow, Feau Barnet. 1968.*

Note

**P**ot sherds as Appleton Coll. 1957-39

## Roman Amphora 3rd or 4th Cent A.D.

Excavated by A.P-C April 1938.  
Full Size Arch.Well 3. 1 [ PC 212/1938]



Trevor & Vera Gibbons March 2019