INDEX OF TEXAS ARCHAEOLOGY

Open Access Gray Literature from the Lone Star State

Volume 2014

Article 12

2014

Documentation of Unassociated Ceramic Vessel Funerary Objects in the Gregg County Historical Museum Collections from Sites in Gregg, Harrison, and Panola Counties in East Texas

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Documentation of Unassociated Ceramic Vessel Funerary Objects in the Gregg County Historical Museum Collections from Sites in Gregg, Harrison, and Panola Counties in East Texas

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**Documentation of Unassociated Ceramic Vessel Funerary Objects
in the Gregg County Historical Museum Collections from Sites
in Gregg, Harrison, and Panola Counties in East Texas**

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Special Publication No. 29

Friends of Northeast Texas Archaeology, Austin and Pittsburg

2014

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Simms Engraved, *var. Darco* vessel, Burial 6, Vessel No. 20, J. O. and Henry Brown site

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Acknowledgments

This material is based upon work assisted by a grant from the Department of the Interior, National Park Service. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the Department of the Interior.

We appreciate the opportunity provided by the Caddo Nation of Oklahoma to work on this NAGPRA grant project on their behalf, particularly Robert Cast (Tribal Historic Preservation Officer) and Brenda Edwards (Tribal Chairwoman).

We want to thank Patti Haskins of the Gregg County Historical Museum for all of her assistance with the ceramic vessel documentation effort, and thank her and Clayton Haskins for their hospitality.

Thanks also to Lance Trask, who prepared the maps and drawings for this report.

Lastly, we would like to thank the National Park Service NAGPRA program for providing the funding to the Caddo Nation of Oklahoma to make this project and report possible.

Introduction and Purpose of the Study

This report is the latest in a series of reports that have been supported by the Caddo Nation of Oklahoma, Cultural Preservation Program that concern the documentation of funerary objects in museum facilities that are subject to the provisions and regulations of the Native American Graves Protection and Repatriation Act (NAGPRA) (Gonzalez et al. 2005; Cast et al. 2006; Perttula et al. 2007, 2009a, 2009b, 2010a, 2011). These documentation studies have been done either with grants from the National Park Service, or through funding provided by the museum facility that held NAGPRA funerary objects. In the case of the present study of unassociated Caddo funerary objects from a series of sites in the collections at the Gregg County Historical Museum in Longview, Texas, the documentation effort was supported by a 2013 NAGPRA grant provided by the National Park Service (NPS) to the Caddo Nation of Oklahoma.

During the course of the current NAGPRA grant, we completed documentation in July 2013 of 158 ceramic vessel funerary objects in the Gregg County Historical Museum collections. These vessels are unassociated funerary objects that are part of the extensive Buddy Calvin Jones collection of vessels from several East Texas counties (Figure 1). They include unassociated funerary objects from the Peanut Patch or Patton site (41HS825, n=50 vessels), the J. O. and Henry Brown site (41HS261, n=32 vessels), the C. D. Marsh site (41HS269, n=6 vessels), and the Susie Slade site (41HS13, n=13 vessels). Five other archaeological sites have no trinomials but have vessels that we have also documented for this project: the Darco Coal Mine site (n=4 vessels), the Eli Fields site (n=21 vessels) and Marshall Red Gully site (n=3 vessels) in Harrison County; the Hyte site (n=27 vessels) in northern Gregg County; and the Beckville site (n=1 vessel) in northwestern Panola County.

Ceramic Vessel Documentation Protocol

Because of the number of ceramic vessels in the Gregg County Historical Museum NAGPRA collections that we were able to document under this NPS NAGPRA grant, we established a documentation protocol to assist in the study of each of the vessels examined in 2013. Each of the ceramic vessels in the collections is described and illustrated utilizing a consistent set of ceramic morphological, functional, and stylistic attributes modeled after the presentations in Gonzalez et al. (2005), Cast et al. (2006), Perttula et al. (1998, 2007, 2009a, 2009b, 2010a, 2011), and Perttula (2005, 2011). The purpose of the documentation is to thoroughly characterize the assemblage of ceramic vessels in the collection from the various sites.

Vessel documentation includes a photograph of each vessel to portray their decoration, shape, and surface texture. In the case of a number of ceramic vessels, engraved design motifs on bowls, compound bowls, and bottles are closely compared with East Texas Caddo ceramic types and varieties defined by Suhm and Jelks (1962), Perttula (2011), and Perttula et al. (2010b).

The following attributes were employed in this ceramic vessel study:

Non-plastics: Deliberate and indeterminate materials in the paste (Rice 1987:411), including a variety of tempers (grog or crushed sherds, bone, hematite/ferruginous sandstone, shell, quartz sands, etc.) and “particulate matter of some size.” The grog, bone, and hematite/ferruginous sandstone non-plastics appear to have been deliberately added to the paste as tempers. The bone used for temper had been burned and calcined, then crushed, before it was added to the paste.

Vessel Form: Vessel form categories include open containers (bowls of several sizes, including effigy bowls, carinated bowls, and compound bowls) and restricted containers, including jars and bottles, as well as

Figure 1. The location of the Patton and Hyte sites, and the general location of the other sites with ceramic vessels documented under this NPS NAGPRA grant.

plates. As restricted containers, jars allow access by hand, but bottles do not (Brown 1996:335). Other form attributes that were recorded include the rim profile (outflaring or everted, vertical or standing, and inverted), lip profile (rolled to the exterior, rounded, flat, or thinned), and base shape (flat or rounded).

Core Colors: Observations on ceramic cross-section colors permit consideration of oxidation patterns (Teltser 1993:Figure 2A-H), and thus the conditions under which the vessel was fired and then cooled

after firing. Comments are included for these attributes on the presence and location of fire-clouding, sooting or smudging from cooking use (Skibo 1992), and charred organic remains.

Wall Thickness: Thickness was recorded in millimeters, using a vernier caliper, at the lip, along the rim, at several points along the body, and at the base when possible (only for the vessels that were not complete).

Interior and Exterior Surface Treatment: The primary methods of finishing the surface of the vessels includes either smoothing, burnishing, and polishing (Rice 1987:138). Brushing, while a popular method of roughening the surface (particularly the body) of large and small Middle (ca. A.D. 1200-1450) and Late Caddo (ca. A.D. 1450-1680) period cooking jars in several parts of the Caddo area, is here considered a decorative treatment rather than solely a functional surface treatment (cf. Rice 1987:138), although not all Caddo ceramic analysts treat brushing as a decorative treatment (cf. Gadus et al. 2006:31). Smoothing creates “a finer and more regular surface...[and] has a matte rather than a lustrous finish” (Rice 1987:138). Burnishing, on the other hand, creates an irregular lustrous finish marked by parallel facets left by the burnishing tool (perhaps a pebble or bone). A polished surface treatment is marked by a uniform and highly lustrous surface finish, done when the vessel is dry, but without “the pronounced parallel facets produced by burnishing leather-hard clay” (Rice 1987:138).

The application of a hematite-rich clay slip (Ferring and Perttula 1987), either red or black, after firing in an oxidizing or reducing (i.e., low-oxygen) environment, is another form of surface treatment noted in this assemblage, although not with the frequency seen in other Caddo ceramic vessel assemblages from other parts of the Caddo archeological area (see Perttula et al. 2007, 2008). The clay slip is more frequently applied on the vessel exterior, or on both surfaces, than on the interior surface, and then was either burnished or polished after it was leather-hard or dry.

Height and Orifice Diameter: These attributes, measured in centimeters, were recorded with a ruler.

Diameter at Bottom of Rim and Base Diameter: Also recorded in millimeters using a ruler, these attributes permit characterization of the overall contour and shape of the vessel.

Volume: With measurements of height and orifice diameter obtained from the Gregg County Historical Museum collection vessels, as well as other measurements of size (i.e., base diameter and maximum body width), volumes were estimated by comparison with known vessel volumes of specific forms (i.e., carinated bowl, jar, bottle, compound bowl, and bowl) in other recently documented Caddo vessel assemblages.

Decoration: Decorative techniques present in the Gregg County Historical Museum NAGPRA vessel collection from sites in East Texas include engraving, incising, trailing, punctating, pinching, brushing, and appliquéing, and on certain vessels, combinations of decorative techniques (i.e., brushed-punctated) created the decorative elements and motifs. Engraving was done with a sharp tool when the vessel was either leather-hard, or after it was fired, as were the tick marks often seen on vessels in this collection, while the other decorative techniques were executed with tools (trailing, incising, and punctuation), by adding strips of clay to the wet body (appliqué), using frayed sticks or grass stems (brushing) dragged across the body surface, or fingernails (certain forms of punctations and pinching), when the vessel was wet or still plastic. Excising is considered a form of engraved decoration, where the clay is deliberately and closely marked/scraped and carved away with a sharp tool, usually to create triangular elements, tick marks, or excised punctations.

Another form of vessel decoration is the use of red (hematite or ochre) or white (kaolin clay) clay pigments that have been smeared or rubbed into the engraved lines of certain vessels.

Type: The kinds of ceramic types and defined varieties in the Gregg County Historical Museum NAGPRA collections from East Texas sites follow Suhm and Jelks (1962), Webb (1959), Schambach and Miller (1984), Perttula (2011), and Perttula et al. (2010b).

Hyte Site, Gregg County, Vessels

The Hyte site is an ancestral Caddo cemetery on Panther Creek in northern Gregg County. Panther Creek is a northward-flowing tributary to Little Cypress Creek. Buddy Jones excavated at least five burials at the site in January 1965, based on available notes, maps, and vessel numbers. The burials were those of adult individuals laid in the graves in extended supine position with assorted funerary objects placed in the graves, including ceramic vessels, arrow point caches, and yellow and red clay pigments. Burial 1 was known to have had five ceramic vessels; Burial 2 had six ceramic vessels, nine arrow points (Maud and Perdiz types, based on a burial drawing), and yellow and red clay pigment; and Burial 3 had four ceramic vessels and several arrow points (Figure 2).

There are 27 ceramic vessels from burials at the Hyte site in the Gregg County Historical Museum collections. Only a few of them can be associated with specific burials at the site: Burial 2 (three vessels), Burial 3 (one vessel), Burial 4 (one vessel), and Burial 5 (one vessel). The others are from non-specific and lost burial proveniences.

Figure 2. Burial 3 at the Hyte site, based on a Buddy Jones burial drawing.

The utility ware and fine ware vessels from the site are indicative of a Late Caddo period (ca. A.D. 1450-1680), Titus phase cemetery in the Big Cypress Creek heartland (cf. Fields and Gadus 2012:Figure 9.12). The principal fine wares at the Hyte site include several varieties of Ripley Engraved, Wilder Engraved, and Turner Engraved, and utility wares include Pease Brushed-Incised and an assortment of incised, punctated, and brushed jars.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1105

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.2 mm; body, 5.4 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
none

HEIGHT (IN CM): 12.1

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 12.8

Figure 3. Brushed-punctated jar rim sherds, Hyte site.

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.94

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has diagonal brushing marks, as well as tool punctated rows under the lip and at the rim-body juncture (Figure 3). The vessel body has vertical brushed-incised marks that extend to within 2.8 cm of the vessel base.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1106

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: red

EXTERIOR SURFACE COLOR: red

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.8 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.57

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel has a red slip on both interior and exterior vessel surfaces. The rim panel has an engraved horizontal and curvilinear scroll motif repeated four times around the vessel. The motifs are divided by large excised brackets (Figure 4).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, cf. *var. Gandy*

Figure 4. Ripley Engraved, cf. *var. Gandy* carinated bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1107

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: N/A

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: yellowish-brown;
fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): body, 4.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): This fragmentary vessel has curvilinear and circular elements with a series of negative ovals between them (Figure 5).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Hodges Engraved

Figure 5. Hodges Engraved carinated bowl sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1108

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.1 mm; body, 6.5 mm; base, 10.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.1

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 19.9

BASE DIAMETER (IN CM) AND SHAPE
OF BASE: 9.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.8

DECORATION (INCLUDING MOTIF AND

ELEMENTS WHEN APPARENT): The rim panel has a horizontal and curvilinear scroll motif repeated four times around the vessel. The motifs are divided by brackets that have internal hatched triangles. Above and below the scroll motifs are hatched pendant triangles (Figure 5).

PIGMENT USE AND LOCATION ON VESSEL: white pigment in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, cf. *var. Gandy*

Figure 6. Ripley Engraved, cf. *var. Gandy* carinated bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: HYTE

VESSEL NO.: 2003.08.1108[a], Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown

EXTERIOR SURFACE COLOR: yellowish-brown

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 4.9 mm; body, 5.7 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 17.9

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 6.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.88

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved interlocking horizontal scroll motif repeated four times around the vessel. The dividers between the motifs are cross-hatched brackets; smaller cross-hatched brackets serve to interlock the scrolls (Figure 7).

PIGMENT USE AND LOCATION ON VESSEL: white pigment in engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Pilgrims*

Figure 7. Ripley Engraved, *var. Pilgrims* carinated bowl rim sherds, Burial 2, HYTE site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1109, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body; organic residue on the body

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.1; body, 7.0 mm; base, 7.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.4+

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.9+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The short rim is plain, but the vessel body has a continuous series of vertical applique ridges (Figure 8).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Cass Applique

Figure 8. Cass Applique jar rim sherds, Burial 3, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1110

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.1 mm; body, 7.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 25.2

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

Figure 9. La Rue Neck Banded jar rim sherds, Hyte site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has five horizontal rows of neck banding (Figure 9).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: La Rue Neck Banded

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1111

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: yellowish-brown;
fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): rim, 6.3 mm; body, 7.7 mm; base, 10.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 20.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 19.7

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks as well as a tool punctated row at the rim-body juncture. The vessel body has vertical brushing marks between vertical applique ridges (Figure 10).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware, cf. Pease Brushed-Incised

Figure 10. cf. Pease Brushed-Incised jar rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: HYTE

VESSEL NO.: 2003.08.1172, Burial 5

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.3 mm; body, 7.3 mm; base, 11.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 35.0

DIAMETER AT BOTTOM OF RIM
OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 8.8; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel on this very large vessel has three widely-spaced horizontal engraved lines. The lower rim panel has a series of excised pendant triangles divided by alternating single vertical or diagonal engraved lines (Figure 11).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Turner Engraved, *var. Turner*

Figure 11. Turner Engraved, *var. Turner* compound bowl rim sherd, Burial 5, HYTE site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1569, Burial 2

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the body and the base

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.3 mm; body, 8.2 mm; base, 10.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): ca. 21.0

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 30.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A; circular and flat

ESTIMATED VOLUME (IN LITERS): 5.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved slanting scroll and circle motif that is repeated four times around the vessel. The central circle has at its center a small negative oval with hatched rays. The scroll fill zones have negative ovals, hatched and excised brackets, and cross-hatched elongated rectangular zones (Figure 12).

PIGMENT USE AND LOCATION ON VESSEL: white in engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Galt*

Figure 12. Ripley Engraved, *var. Galt* carinated bowl rim sherd, Burial 2, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1570

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed under the lip

HEIGHT (IN CM): 15.8

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has a continuous series of tool punctates, with a single horizontal incised line at the rim-body juncture. The vessel body has six vertical applied fillets that have created panels filled with diagonal brushing marks (Figure 13).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 13. Punctated-incised-applied-brushed jar rim and body sherd, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1571

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 4.2 mm; body, 5.2 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 35.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 33.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel on this very large vessel has two widely-spaced horizontal engraved lines. The lower panel has a series of excised pendant triangles that are divided by a series of single vertical engraved lines (Figure 14).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Turner Engraved, *var. Turner*

Figure 14. Turner Engraved, *var. Turner* compound bowl rim and body sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1573

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the base

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm; body, 6.3 mm; base, 10.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 14.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved curvilinear and horizontal scroll motif repeated four times around the vessel. The motifs are divided by either excised brackets or a single vertical engraved line with upper and lower excised triangles. Above and below the scrolls are a series of excised pendant triangles (Figure 15).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, cf. *var. Gandy*

Figure 15. Ripley Engraved, cf. *var. Gandy* carinated bowl rim sherd section, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1576

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim, rim peaks, and rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown; fire cloud on the base

EXTERIOR SURFACE COLOR: dark grayish-brown; fire cloud on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 5.3 mm; base, 8.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.9

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel has two widely spaced horizontal engraved lines, as well as a single row of excised pendant triangles under the lip. At the lip is a row of linear punctates. The lower rim panel has a series of large excised pendant triangles that are divided by either single vertical or diagonal engraved lines (Figure 16).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Turner Engraved, *var. unspecified*

Figure 16. Turner Engraved, *var. unspecified* compound bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: HYTE

VESSEL NO.: 2003.08.1577

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm; body, 6.3 mm; base, 7.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 18.3

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 6.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 4.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has a series of nine engraved oval elements that resemble the eye and beak on Johns Engraved vessels (see Turner 1978:Figure 31a-c). The oval elements face left eight times in sequence, and two oval elements face to the right. Each of the oval elements are divided by engraved brackets (Figure 17).

PIGMENT USE AND LOCATION ON VESSEL: white in engraved lines

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware, possibly a variety of Johns Engraved

Figure 17. Engraved carinated bowl rim sherd, HYTE site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1578

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.4

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.50

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved scroll motif repeated four times around the vessel. The motifs are divided by excised brackets with negative backwards S-shaped elements. The upper and lower scroll fill zones have two negative ovals and cross-hatched zones (Figure 18).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Gandy*

Figure 18. Ripley Engraved, *var. Gandy* carinated bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1579, Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a carinated body

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the neck, body, and base

EXTERIOR SURFACE COLOR: light reddish-brown; fire clouds on the neck, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm; body, 6.3 mm; base, 8.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 15.0

ORIFICE DIAMETER (IN CM): 3.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.25

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The bottle body has vertical and hooked arm scrolls that originate in excised triangles and repeat four times on the vessel; there are negative ovals within the excised triangles. The scrolls have wider excised areas on either side where the hooked arms pass each other (Figure 19).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Wilder Engraved, *var. unspecified*

Figure 19. Wilder Engraved, *var. unspecified* bottle sherds, Burial 2, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1580

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.9 mm; body, 7.6 mm; base, 10.5 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.94

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has vertical brushed-incised marks as well as tool punctated rows under the lip and at the rim-body juncture. The vessel body has horizontal brushing marks that extend to within 2.4 cm of the base (Figure 20).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 20. Brushed-incised-punctated jar rim and body sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1581

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): body, 6.9 mm; base, 10.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM

OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 9.0; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel has a series of engraved arcs with three or four closely-spaced lines. There are excised triangles at the top of some of the engraved arcs (Figure 21).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware, cf. Poynor Engraved

Figure 21. cf. Poynor Engraved carinated bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1582[a], Burial 4, Vessel 2

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There is a single horizontal engraved line under the vessel lip (Figure 22).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 22. Horizontal engraved bowl rim sherds, Burial 4, Vessel 2, Hyte site.

SITE NAME OR SITE NUMBER: HYTE

VESSEL NO.: 2003.08.1582

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 9.0 mm; body, 8.4 mm; base, 14.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 31.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 10.8

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim on this large vessel has a series of six corncob impressed rows, as well as a single horizontal incised line above the rim-body juncture. There are also rows of tool punctations at the lip and at the rim-body juncture (Figure 23).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Anglin Impressed (Perttula 2009)

Figure 23. cf. Anglin Impressed jar rim sherds, HYTE site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.09.1583

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a carinated body

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm; body, 5.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A; neck height is 3.4 cm

ORIFICE DIAMETER (IN CM): 3.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has two horizontal engraved lines as well as vertical and curvilinear hooked arm scrolls that encircle each other, but do not meet. The scrolls originate from the apex of engraved triangle elements. There is also a single engraved line under the vessel lip (Figure 24).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Wilder Engraved, *var. unspecified*

Figure 24. Wilder Engraved, *var. unspecified* bottle sherds, Hyte site.

SITE NAME OR SITE NUMBER: HYTE

VESSEL NO.: 2003.08.1584

NON-PLASTICS AND PASTE: grog and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: C (incompletely oxidized during firing)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.1 mm; body, 6.7 mm; base, 8.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 16.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.5; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim on this medium-sized vessel has three rows of tool punctates, under the lip, at the mid-rim, and at the rim-body juncture. The body has a continuous series of vertical incised lines (Figure 25).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 25. Punctated-incised jar rim and body sherds, HYTE site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1585

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.6 mm; body, 8.1 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
smoothed

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF
RIM OR NECK (IN CM): 13.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.64

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel has a single horizontal engraved line. The lower rim panel has a series of excised pendant triangles and excised columns around the vessel (Figure 26).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Turner Engraved, *var. Turner*

Figure 26. Turner Engraved, *var. Turner* compound bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1586

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.4 mm; body, 8.7 mm; base, 7.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 16.0

ORIFICE DIAMETER (IN CM): 12.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.1; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has a series of upper and lower incised triangles, with an inner triangle filled with tool punctates. The vessel body has vertical applied ridges creating panels filled with vertical incised lines (Figure 27).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 27. Incised-punctated-appliqued jar rim and body sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1966

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown;
fire clouds on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): rim, 6.9 mm; body, 7.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 31.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 29.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel on this large vessel has three widely-spaced horizontal engraved lines. The lower rim panel has an engraved slanting scroll and circle motif repeated an unknown number of times. Each central circle element has two inner circles, one of which has small excised tick marks on it (Figure 28). The scroll fill zones have negative ovals outlined by hatched lines.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 28. Ripley Engraved, *var. unspecified* compound bowl rim sherds, Hyte site.

SITE NAME OR SITE NUMBER: Hyte

VESSEL NO.: 2003.08.1967

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: grayish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm; body, 6.7 mm; base, 8.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.0

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 0.39

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has an engraved horizontal scroll with a small circle as a central element; the scroll and circle are repeated four times around the vessel. The upper and lower scroll fill zones have a series of short vertical engraved lines (Figure 29).

PIGMENT USE AND LOCATION ON VESSEL: white in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 29. Ripley Engraved, *var. unspecified* carinated bowl rim sherds, Hyte site.

Susie Slade Site (41HS13) Vessels

The Susie Slade site is an ancestral Caddo settlement and cemetery on a sandy knoll in the Potters Creek valley in the Sabine River basin. Jones (1968) excavated three burials of historic age (i.e., post-A.D. 1685) at the site (Figure 30). The Susie Slade site is known to have had a large cemetery (> 50 burials) that was excavated by a number of East Texas collectors and amateur archeologists. These burials were spaced from 1.8-4 m apart, and they were oriented in extended supine position in east-west pits, with the head of the deceased facing to the west or southwest (Jones 1968:102).

Figure 30. Map of the burial area, and Burials 1-3, at the Susie Slade site.

In June 1962, Buddy Jones excavated the aforementioned three burials. Funerary objects reported from Burial 1 included five ceramic vessels, large blue glass beads, an iron knife, a pottery polishing stone, a piece of petrified wood with crystals (Figure 31), and red and green clay pigments (Jones 1968:105). Burial 2 had six ceramic vessels, 30 marine conch shell beads (Figure 32), gray clay pigment, and a deer mandible (Jones 1968:106). Burial 3 was reported by Jones (1968:108) to have had four pottery vessels. Seven other broken but reconstructable ceramic vessels had been found placed in the burial fill above the head of the burials, and these are assumed to have been part of the rituals associated with the interment of the deceased. Of the 22 ceramic vessels reported by Jones (1968:Table 3) from the Susie Slade burials, there are 13 ceramic vessels that can be identified from these burials in the collections at the Gregg County Historical Museum, six vessels from Burial 1, two vessels from Burial 2, and five vessels from Burial 3.

Figure 31. Petrified wood artifact from Burial 1, Susie Slade site.

Figure 32. Marine conch shell beads from Burial 2 at the Susie Slade site.

Utility wares in the collections from the Susie Slade burials include La Rue Neck Banded and Emory Punctated-Incised. Fine wares are comprised of Natchitoches Engraved (n=3 vessels in Burial 3), a post-A.D. 1685 ceramic ware, Simms Engraved, Simms Engraved, *var. Darco*, a Hood Engraved effigy vessel, and Ripley Engraved.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.52, Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds and organic residue on the rim and body

EXTERIOR SURFACE COLOR: yellowish-brown;
fire clouds and organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): rim, 6.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 28.5

ORIFICE DIAMETER (IN CM): 27.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN
CM): 27.0

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 8.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 10.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are seven horizontal rows of neck banding on the rim of the vessel (Figure 33).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: La Rue Neck Banded

Figure 33. La Rue Neck Banded jar, Burial 2, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.76, Burial 3

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark brown to black

EXTERIOR SURFACE COLOR: dark brown to black; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 2.7 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished to polished

HEIGHT (IN CM): 18.2

Figure 34. Natchitoches Engraved spool neck bottle, Burial 3, Susie Slade site: a, side view; b, basal view.

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.4; maximum body diameter is 16.5 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.34

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four upper and lower sets of engraved meandering scrolls with tick marks on the scroll line. The upper scroll fill zones for the sets of stacked scrolls include four engraved hooked arm elements, sets of hatched lines and triangle elements, and brackets, while the lower scroll zones include these elements as well as elongated triangles with hatched lines that the scroll lines curve around (Figure 34a-b, see also Jones 1968:Plate 19a).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Natchitoches Engraved

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.241, Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.5

ORIFICE DIAMETER (IN CM): 22.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and rounded

ESTIMATED VOLUME (IN LITERS): 2.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has an engraved oval panel repeated four times around the vessel, and there are tick marks on the upper, lower, and side portions of each panel. The panels are divided by hatched brackets (Figure 35, see also Jones 1968:Plate 19e).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 35. Simms Engraved carinated bowl, Burial 2, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.451, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.8

ORIFICE DIAMETER (IN CM): 2.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.9; 8.0 cm maximum body diameter

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.13

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has an engraved meandering scroll motif that is repeated four times around the vessel. The scroll line has small excised tick marks. Above and below the engraved scrolls are rectangular cross-hatched areas, small oval-shaped cross-hatched areas, and narrow zones with cross-hatching that hook around either side of the scrolls (Figure 36, see also Jones 1968:Plate 19c).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Natchitoches Engraved

Figure 36. Natchitoches Engraved spool neck bottle, Burial 3, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.452, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: dark brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.3

ORIFICE DIAMETER (IN CM): 12.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.62

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel rim has engraved rectilinear panels and overlapping horizontal-vertical lines, while the vessel body has four sets of meandering scroll bands that end in hooked arms. The areas between the scroll bands is filled with numerous negative ovals and rectangles outlined by excising (Figure 37, see also Jones 1968:Plate 19b).

PIGMENT USE AND LOCATION ON VESSEL: white pigment in engraved lines on the vessel body, and red pigment on engraved lines on the rim

TYPE AND VARIETY [IF KNOWN]: Natchitoches Engraved

Figure 37. Natchitoches Engraved carinated bowl, Burial 3, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.500, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body; organic residue on the body

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower vessel body

HEIGHT (IN CM): 15.8

ORIFICE DIAMETER (IN CM): 19.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are two rows of neck banding on the rim, and the vessel body has smoothed over vertical brushing marks (Figure 38).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: La Rue Neck Banded

Figure 38. La Rue Neck Banded jar, Burial 1, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.503, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 10.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.3; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.46

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the vessel is notched, and the upper rim panel is plain. The lower rim panel has a single horizontal engraved line and four discontinuous scrolls with tick marks pointing towards the vessel base, as well as small excised dashes separate from the scrolls. The scrolls are divided by sets of two vertical engraved lines (Figure 39, see also Jones 1968:Plate 20c).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved, *var. Darco*

Figure 39. Simms Engraved, *var. Darco* compound bowl, Burial 1, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.571, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown; organic residue on the rim and body

EXTERIOR SURFACE COLOR: very dark grayish-brown; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.7 mm; body, 7.1 mm; base, 10.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 24.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.0; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this medium-sized vessel is decorated with five horizontal and vertical rows of tool punctations. The vessel body has incised chevrons that are repeated six times around the vessel and extend nearly to the base (Figure 40a-b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

a

b

Figure 40. Incised-punctated jar rim section, Burial 1, Susie Slade site: a, rim sherds; b, reconstructed vessel.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.702, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 3.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.0; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.1

Figure 41. Engraved bottle, Burial 3, Susie Slade site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): the vessel body has a series of five slanting scrolls that are repeated five times around the vessel, as well as semi-circular elements. The bottom four slanting scroll lines and the semi-circular elements have small excised pendant triangles or tick marks on them (Figure 41, see also Jones 1968:Plate 19d).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.764, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light yellowish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 11.6

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 5.1

ESTIMATED VOLUME (IN LITERS): 0.24

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): the rim and body of the vessel have an engraved interlocking horizontal scroll motif repeated three times around the vessel. The dividing and interlocking engraved brackets are cross-hatched (Figure 42).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: cf. Ripley Engraved, *var. Pilgrims*

Figure 42. cf. Ripley Engraved, *var. Pilgrims* bowl, Burial 3, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.765, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.4 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.2

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE
OF BASE: 5.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.25

Figure 43. Engraved bowl, Burial 1, Susie Slade site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim and body have four engraved panels, each with three rows of three engraved boxes with cross-hatched lines. The panels are divided by sets of two vertical engraved lines (Figure 43, see also Jones 1968:Plate 20b-b').

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.1805, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 13.4

ORIFICE DIAMETER (IN CM): 14.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has three rows of tool punctates, while the vessel body has four panels filled with incised nested triangles (Figure 44, see also Jones 1968:Plate 20f).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 44. Incised-punctated jar, Burial 1, Susie Slade site.

SITE NAME OR SITE NUMBER: Susie Slade

VESSEL NO.: 2003.08.1849, Burial 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Effigy bowl (duck head) with two suspension holes (2.6-6.4 mm in diameter) and a detached tab tail

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; fire cloud on the base

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 7.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.5

ORIFICE DIAMETER (IN CM): 13.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.45

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of the vessel is decorated with two horizontal engraved lines. The engraved lines dip under both the effigy head and the presumed tab tail area (Figure 45a-b).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Hood Engraved

Figure 45. Hood Engraved effigy bowl: a, side view; b, view of effigy head, suspension hole, and dipping engraved lines.

J. O. and Henry Brown Site (41HS261) Vessels

The J. O. and Henry Brown site (41HS261), also referred to as the Brown Burial Site 1, was first documented and excavated by Jones (1968). His work was in an ancestral Caddo cemetery (A on Figure 46) with at least nine burials on an alluvial terrace on the west side of Potters Creek, a southern-flowing tributary to the Sabine River (Figure 46); a possible village area is marked B on Figure 46. Burials 3-9 and a “Last Burial” (not assigned a burial number or a ceramic vessel number by Jones) were excavated by Jones in 1963 and 1965 (Jones 1968:126). These burials were oriented east-southeast, with the heads of the deceased likely facing west or northwest.

Figure 46. Map of the J. O. and Henry Brown site. A=cemetery area; B=possible village area.

According to Jones (1968), three of the nine burials known to have been excavated at the J. O. and Henry Brown site contained European trade goods (glass beads and iron knives from Burials 1, 3, and 9), as well as aboriginal funerary objects (ceramic vessels, a clay pipe, chipped stone knives and arrow points) and a red ochre mass (Table 1). There are a total of 32 ceramic vessels that have been identified from these burials (as well as one ceramic vessel from the “Last Burial”) in the Gregg County Historical Museum collections.

Table 1. Reported inventory of funerary objects in burials at the J. O. and Henry Brown site (Jones 1968:132-140).

Burial No.	Ceramic Vessels	Clay Pipe	Stone Tools*	Glass beads	Iron knife	Red ochre mass
3	7	—	29	175	—	—
4	5	—	—	—	—	—
5	5	—	—	—	—	—
6	4	—	—	—	—	—
7	3	—	—	—	—	—
8	7	—	—	—	—	+
9	5	1	8	—	1	—
Totals	36	1	37	175	1	+

*chipped stone knives (Burial 3) or arrow points (Burial 9)

Ceramic fine wares from the J. O. and Henry site identified in the collections include Hodges Engraved, Keno Trained, Natchitoches Engraved (Burial 4), Patton Engraved (in Burials 4, 8, and 9; this is a post-A.D. 1650 ceramic type made by Caddo peoples living in the Neches-Angelina river basins in East Texas, see Suhm and Jelks 1962), Simms Engraved, and Taylor Engraved; Simms Engraved carinated bowls are particularly common. Utility wares include Bullard Brushed, Emory Punctated, and Maydelle Incised jars.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.5, Burial 4, Vessel 8

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown; fire clouds on body and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.7 mm

INTERIOR SURFACE TREATMENT: burnished on the rim, smoothed on the body

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.6

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.73

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has two equally-spaced horizontal engraved lines on the rim, and two more on the upper vessel body. Each horizontal engraved line has a series of excised pendant triangles whose apexes point towards the vessel base (Figure 47; see also Jones 1968:Plate 25a).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Patton Engraved, *var. Allen* (see Perttula 2011:Figure 6-66a)

Figure 47. Patton Engraved, *var. Allen* carinated bowl, Burial 4, Vessel No. 8, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.10, Burial 8, Vessel No. 31

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark brown; fire clouds on the base

EXTERIOR SURFACE COLOR: dark brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.2

ORIFICE DIAMETER (IN CM): 25.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.1; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an elongated oval engraved panel, repeated four times around the vessel, with upper and lower rows of small excised pendant triangles. The panels are divided by brackets filled with vertical engraved lines (Figure 48; see also Jones 1968:Plate 24a-a').

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 48. Simms Engraved carinated bowl, Burial 8, Vessel No. 31, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.46, Burial 5, Vessel No. 16

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.8

ORIFICE DIAMETER (IN CM): 3.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 2.7; circular and dimpled

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four vertical to curvilinear engraved scrolls (in sets of two lines) that end in hooked arm elements (Figure 49; see also Jones 1968:Plate 25h).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 49. Taylor Engraved spool neck bottle, Burial 5, Vessel No. 16, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.54, Burial 5, Vessel No. 17

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown; organic residue on the body

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 14.2

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 15.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.70

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is divided into four engraved panels with an upper row of small excised pendant triangles. The panels are divided by engraved brackets (Figure 50; see also Jones 1968:Plate 24c-c').

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 50. Simms Engraved carinated bowl, Burial 5, Vessel No. 17, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.59, Burial 8, Vessel No. 30

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.8 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 11.6

ORIFICE DIAMETER (IN CM): 11.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.83

Figure 51. Patton Engraved, *var. Freeman* carinated bowl, Burial 8, Vessel No. 30, J. O. and Henry Brown site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has four engraved panels with upper and low rows of small excised triangles. The panels are divided by excised brackets. The vessel body has four sets of engraved concentric circles with excised pendant triangles on the engraved lines (Figure 51; see also Jones 1968:Plate 25b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Patton Engraved, *var. Freeman* (see Perttula 2011:Figure 6-66c).

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.107, Burial 4, Vessel No. 8

NON-PLASTICS AND PASTE: bone, grog, and sandy paste

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark brown to black; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: light brown to brownish-red; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 2.3 mm

INTERIOR SURFACE TREATMENT: burnished and smudged

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 9.2

ORIFICE DIAMETER (IN CM): 15.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.83

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has three horizontal engraved lines with sets of three vertical engraved lines around the vessel. The vessel body has four stacked horizontal and curvilinear engraved scrolls with excised pendant triangles along the scroll line (Figure 52); these scrolls extend to the vessel base (Figure 53). The engraved scroll motifs are divided by brackets with sets of three or four diagonal engraved lines in the central part of the brackets. The upper and lower scroll fill zones have sets of three vertical engraved lines (see also Jones 1968:Plate 24f-f').

PIGMENT USE AND LOCATION ON VESSEL: white in engraved lines

TYPE AND VARIETY [IF KNOWN]: Natchitoches Engraved

Figure 52. Natchitoches Engraved carinated bowl, Burial 4, Vessel No. 8, J. O. and Henry Brown site.

Figure 53. Basal view of the Natchitoches Engraved bowl, Burial 4, Vessel No. 8, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.203, Burial 8, Vessel No. 27

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar or Beaker

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown;
fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: dark brown; fire
clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.1

ORIFICE DIAMETER (IN CM): 5.1

DIAMETER AT BOTTOM OF RIM
OR NECK (IN CM): 4.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.25

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with a series of seven alternating sets of incised triangles. Interestingly, the vessel body has five sets of four vertical engraved lines (Figure 54; see also Jones 1968:Plate 26c).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 54. Unidentified fine ware jar or beaker, Burial 8, Vessel No. 27, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.321, Burial 4, Vessel No. 12

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base; organic residue on the rim

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.8 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 27.5

ORIFICE DIAMETER (IN CM): 23.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 20.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 8.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are four rows of tool punctates on the rim, and the vessel body has smoothed over vertical brushing marks (Figure 55; see also Jones 1968:Plate 26a).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Emory Punctated

Figure 55. Emory Punctated jar, Burial 4, Vessel No. 12, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.337, Burial 3, Vessel No. 5

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown to black

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.1 mm

INTERIOR SURFACE TREATMENT: smoothed on the neck

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.6

ORIFICE DIAMETER (IN CM): 3.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.5; circular and round

ESTIMATED VOLUME (IN LITERS): 0.17

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The body has four engraved panels of concentric spirals that end in hooked arms (Figure 56).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 56. Taylor Engraved spool necked bottle, Burial 3, Vessel No. 5, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.367, Burial 3, Vessel No. 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 28.8

ORIFICE DIAMETER (IN CM): 22.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 8.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks as well as tool punctated rows below the lip and at the rim-body juncture. The vessel body has vertical brushing marks that extend to the base (Figure 57; see also Jones 1968:Plate 27a).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

Figure 57. Bullard Brushed jar, Burial 3, Vessel No. 1, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.495, Burial 7, Vessel No. 22

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM):
rim, 3.8 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.3

ORIFICE DIAMETER (IN CM): 4.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM):
3.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE:
2.6; circular and dimpled

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has hatched scrolls and hooked arm elements that are repeated four times around the vessel. The upper and lower parts of the scroll have negative ovals outlined by large cross-hatched brackets (Figure 58; see also Jones 1968:Plate 24h).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Hodges Engraved

Figure 58. Hodges Engraved spool neck bottle, Burial 7, Vessel No. 22, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.496, Burial 8, Vessel 25

NON-PLASTICS AND PASTE: bone and sandy paste

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base;
organic residue on the rim

EXTERIOR SURFACE COLOR: light brown; fire clouds
on the rim, body, and base; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE
IN MM): rim, 7.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 20.3

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 11.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE:
7.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with five alternating series of incised chevrons. The vessel body has vertical brushing marks that extend to the base (Figure 59; see also Jones 1968:Plate 27d).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Maydelle Incised

Figure 59. Maydelle Incised jar, Burial 8, Vessel No. 25, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.497, Burial 5, Vessel No. 13

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the body and base; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.9 mm; body, 5.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 16.5

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with three rows of tool punctates (see also Jones 1968:Plate 26b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Emory Punctated

SITE NAME OR SITE NUMBER: J. O and Henry Brown

VESSEL NO.: 2003.08.498, Burial 6, Vessel No. 18

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.8

ORIFICE DIAMETER (IN CM): 3.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.1; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.16

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has a meandering engraved scroll motif repeated five times around the vessel. The scrolls end in hooked arm elements (Figure 60; see also Jones 1968:Plate 25g).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 60. Taylor Engraved spool neck bottle, Burial 6, Vessel No. 18, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.499, Burial 9, Vessel No. 36

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 8.1 mm; body, 7.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 23.5+

ORIFICE DIAMETER (IN CM): 21.0

DIAMETER AT BOTTOM OF RIM
OR NECK (IN CM): 20.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 4.4+

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with incised chevrons, while the vessel body has vertical brushing marks that extend to the base (Figure 61).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Maydelle Incised

Figure 61. Maydelle Incised jar, Burial 9, Vessel No. 36, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.501, Burial 3, Vessel 7

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 24.7

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 25.3

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 9.1; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has elongated oval engraved panels with upper, side, and lower rows of triangular tick marks. The engraved panels are divided by brackets that are either hatched (n=1) or cross-hatched (n=3) (Figure 62).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 62. Simms Engraved carinated bowl, Burial 3, Vessel No. 7, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.502, Burial 9, Vessel No. 33

NON-PLASTICS AND PASTE: bone and organics

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.9

ORIFICE DIAMETER (IN CM): 10.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.45

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the vessel is notched, and the rim is plain. The upper part of the body has seven discontinuous scrolls with tick marks pointing towards the vessel base (Figure 63).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved, *var. Darco*

Figure 63. Simms Engraved, *var. Darco* carinated bowl, Burial 9, Vessel No. 33, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.507, Burial 8, Vessel No. 26

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a collared neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.1

ORIFICE DIAMETER (IN CM): 2.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1; maximum body diameter, 5.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.11

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has three engraved panels, one with concentric arcs and two with vertical concentric arcs and hooked arm elements (Figure 64; see also Jones 1968:Plate 25f).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 64. Taylor Engraved bottle, Burial 8, Vessel No. 26, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.577, Burial 3, Vessel No. 2

NON-PLASTICS AND PASTE: grog and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.6 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.1

ORIFICE DIAMETER (IN CM): 17.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 10.2; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.73

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip is notched, while the rim is plain. The upper part of the body has four sets of three discontinuous engraved scrolls that originate from a single horizontal engraved line, with tick marks pointing towards the vessel base. The sets of scrolls are divided by sets of two vertical engraved lines (Figure 65; see also Jones 1968:Plate 24d).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved, *var. Darco*

Figure 65. Simms Engraved, *var. Darco* carinated bowl, Burial 3, Vessel No. 2, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.588, Burial 9, Vessel No. 32

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and flat lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.6 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 11.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has three horizontal rows of engraved lines with small excised triangles. The vessel body has four repeating engraved spirals that end in hooked arms; the spirals have small excised pendant triangles. The engraved spirals are divided by upper and lower triangle elements and a connecting arcing line; the triangles and the connecting arc line also have small excised pendant triangles (Figure 66).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Patton Engraved, cf. *var. Fair* (Perttula 2011:Figure 6-66d).

Figure 66. Patton Engraved, cf. *var. Fair* carinated bowl, Burial 9, Vessel No. 32, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.593, Burial 7, Vessel No. 23

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.8 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.6

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are three rows of tool punctates on the rim; there is also a row of circular punctates on the interior vessel lip. The vessel body has eight incised vertical panels filled with diagonal incised lines (Figure 67; see also Jones 1968:Plate 26e).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Emory Punctated

Figure 67. cf. Emory Punctated jar, Burial 7, Vessel No. 23, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.625, Burial 6, Vessel No. 21

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds and organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 20.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 21.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has four elongated oval engraved panels with upper and lower rows of small excised pendant triangles. The panels are divided by cross-hatched engraved brackets (Figure 68).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 68. Simms Engraved carinated bowl, Burial 6, Vessel No. 21, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.627, Burial 5, Vessel No. 5

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 24.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 25.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has four elongated oval engraved panels with upper and lower rows of small excised pendant triangles as well as excised tick marks on the sides of the panels. The panels are divided by hatched engraved brackets (Figure 69).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 69. Simms Engraved carinated bowl, Burial 5, Vessel No. 5, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.677, Burial 6, Vessel No. 19

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Miniature carinated bowl with two suspension holes

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 2.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 4.1

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 2.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There is a single horizontal incised line under the vessel lip, and a series of short vertical incised lines farther down the vessel rim at the carination (Figure 70).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 70. Incised carinated bowl, Burial 6, Vessel No. 19, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. Henry Brown

VESSEL NO.: 2003.08.705, Burial 8, Vessel No. 28

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 8.3 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.4

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip is notched, and the body has three repeating arcs (four lines each) of trailed lines that end in hooked arm elements (Figure 71; see also Jones 1968:Plate 25i).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Keno Trailed

Figure 71. Keno Trailed bowl, Burial 8, Vessel No. 28, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.709, Burial 9, Vessel No. 34

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.0

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 2.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has an engraved scroll motif that is repeated four times around the vessel. The scrolls end in hooked arms, and one line in each encircling scroll line has small excised tick marks on it (Figure 72). The scrolls originate in upper and lower open triangle elements.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 72. Taylor Engraved bottle, Burial 9, Vessel No. 34, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.874, Burial 8, Vessel No. 29

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.3

ORIFICE DIAMETER (IN CM): 11.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of the vessel is plain, except for a single horizontal engraved line at the carination. There are a continuous series of short vertical engraved lines pendant from this carination line (Figure 73; see also Jones 1968:Plate 25e).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved, *var. Darco*

Figure 73. Simms Engraved, *var. Darco* carinated bowl, Burial 8, Vessel No. 29, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.901, Burial 3, Vessel No. 4

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.2

ORIFICE DIAMETER (IN CM): 11.8

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 11.4

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 4.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.58

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved horizontal scroll motif repeated four times around the vessel. The scroll motifs are divided by hatched brackets. One of the scrolls also has a single interlocking hatched bracket (Figure 74).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 74. Unidentified engraved carinated bowl, Burial 3, Vessel No. 4, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.995, Burial 5, Vessel No. 9

NON-PLASTICS AND PASTE: bone, grog, and sandy paste

VESSEL FORM: Bottle with a spool neck (see also Jones 1968:Plate 26d)

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: gray; fire clouds on the rim and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 2.9 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.7

ORIFICE DIAMETER (IN CM): 2.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 75)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 75. Plain spool-necked bottle, Burial 5, Vessel No. 9, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.1235, Last Burial

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; organic residue on the rim

EXTERIOR SURFACE COLOR: dark grayish-brown; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM):
rim, 6.0 mm; body, 5.4 mm; base, 9.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM):
16.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.5;
circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this medium-sized vessel has two rows of tool punctations, with a series of short vertical incised lines connecting the punctated rows (Figure 76a-b). The vessel body is brushed.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 76. Punctated-incised jar, J. O. and Henry Brown site: a, rim sherds; b, reconstructed jar.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.1350, Burial 3, Vessel 6

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: grayish-brown; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 9.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.51

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with two rows of tools punctates, and the vessel body has vertical brushing marks that extend to the base (Figure 77).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 77. Brushed-punctated jar, Burial 3, Vessel No. 6, J. O. and Henry Brown site.

SITE NAME OR SITE NUMBER: J. O. and Henry Brown

VESSEL NO.: 2003.08.1763, Burial 6, Vessel No. 20

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.5

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.59

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip is notched, while the rim is plain. The upper part of the body has four sets of two discontinuous engraved scrolls that originate from a single horizontal engraved line, with small excised pendant triangles pointing either towards the vessel base or towards the rim. The sets of scrolls are divided by sets of single vertical engraved lines (Figure 78).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved, *var. Darco*

Figure 78. Simms Engraved, *var. Darco* carinated bowl, Burial 6, Vessel No. 20, J. O. and Henry Brown site.

C. D. Marsh Site (41HS269) Vessels

A total of at least eight burials were excavated at the C. D. Marsh site on Eight Mile Creek by Jones in 1959-1960 (Figure 79), including Burial 1, an historic (dating after ca. A.D. 1685) Caddo period burial (Jones 1968:89); European trade goods found with this burial include two small silver disks. The other burials (Burials 2-8) are part of an earlier Caddo cemetery that is thought to be associated with the ca. A.D. 1350-17th century Pine Tree Mound community along the Sabine River and its tributaries (Fields and Gadus 2012:663 and Figure 9.10). Jones (1968:85) suggests that these latter burials are from a ca. A.D. 1200-1500 Caddo cemetery.

Figure 79. Map of the C. D. Marsh site and the locations of the Historic Caddo burial (Burial 1) and the prehistoric burial area.

There are a total of six ceramic vessels from the ca. A.D. 1200-1500 burials at the site that are unassociated funerary objects in the Gregg County Historical Museum collections. This includes one vessel each from Burials 5 and 8; the provenience of the other vessels at the site is unknown.

According to Jones (1968:Figure 6) and notes on file at the museum, these burials are located ca. 120 m east-southeast from the one Historic Caddo burial at the site (see Figure 79). The burials were placed in extended supine position in north-south oriented pits in three rows (Figure 80), with the head of the deceased at the southern end of the burial and facing north. The location of Burials 7 and 8 relative to the other burials is unknown. Funerary offerings included ceramic vessels and mussel shells.

Figure 80. Plan map of Burials 2-6 at the C. D. Marsh site.

One of the unassociated ceramic vessels at the C. D. Marsh site is a Ripley Engraved, var. *McKinney* carinated bowl. Such vessels would not be expected in a ca. A.D. 1200-1500 Caddo cemetery, and although this type of fine ware is commonly seen on post-A.D. 1600 Titus phase sites in the region, it is rarely found in association with European trade goods. Therefore, it may represent a burial from a third temporal component (ca. A.D. 1600-1685) at the site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.834

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.6 mm; body, 6.6 mm; base, 7.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.2

ORIFICE DIAMETER (IN CM): 18.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): 1.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved continuous scroll motif repeated an unknown number of times around the vessel. Its distinctive upper and lower scroll fill zones have excised brackets and zones, large excised pendant triangles, hatched columns and vertical engraved lines (Figure 81).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 81. Engraved carinated bowl, unidentified burial, C. D. Marsh site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.836

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.5 mm; body, 7.6 mm; base, 8.3 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved horizontal scroll with a central diamond element, likely repeated two or four times around the vessel. There are upper and lower rows of excised pendant triangles associated with the scroll element (Figure 82).

PIGMENT USE AND LOCATION ON VESSEL: white in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. McKinney*

Figure 82. Ripley Engraved, *var. McKinney* carinated bowl rim sherds, unidentified burial, C. D. Marsh site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.910

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: yellowish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.6 mm; body, 6.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 28.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 28.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim from this large vessel is decorated with an unknown number of incised chevrons (Figure 83). The vessel of the body is plain.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Maydelle Incised

Figure 83. Large rim and body sherd from Maydelle Incised jar, unidentified burial at the C. D. Marsh site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.934

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.7 mm; body, 8.6 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this small vessel is decorated with horizontal brushing marks and a row of tool punctates at the rim-body juncture. The vessel body is divided into panels by vertical applied ridges. The panels are filled with vertical brushing marks (Figure 84).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Pease Brushed-Incised

Figure 84. Selected sherds from a Pease Brushed-Incised jar from an unidentified burial at the C. D. Marsh site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.1081, Burial 8

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.1 mm; body, 5.1 mm; base, 5.8 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.1

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.45

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an incised continuous scroll motif. The upper and lower scroll fill zones are filled with small circular tool punctations (Figure 85). There is also a single horizontal engraved line on the vessel's interior surface at the carination.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Pennington Punctated-Incised

Figure 85. Pennington Punctated-Incised carinated bowl rim sherd, Burial 8, C. D. Marsh site.

SITE NAME OR SITE NUMBER: C. D. Marsh

VESSEL NO.: 2003.08.1086, Burial 5

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a flat lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.4 mm; body, 6.3 mm; base, 10.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 15.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.3; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the moderately-sized vessel has a hatched and cross-hatched engraved motif. The vessel rim has six horizontal engraved lines that encircle the vessel (Figure 86).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 86. Horizontal engraved bowl rim sherds, Burial 5, C. D. Marsh site.

Patton Site (41HS825) Vessels

The Patton site is an ancestral Caddo settlement with several habitation areas and an associated cemetery on an alluvial terrace (255 ft. amsl) of Arms Creek (Figure 87), a northern-flowing tributary to Big Cypress Creek in the Lake O' the Pines area. Buddy C. Jones located and excavated the site in 1964, including the investigation of a total of eight burials (Burials 1-8) with a number of funerary offerings. Since Jones' work, extensive looting of more Caddo burials (ca. 88 or more) from this Late Caddo Titus phase community cemetery has taken place (Perttula 2012:Table 13-3).

Figure 87. Map of the Patton site, with habitation areas and associated cemetery area.

At least one of the burials at the Patton site definitely dates to Historic Caddo period times (post-A.D. 1685) because a European glass bead was found inside one of the vessels (No. 20) in Burial 3. This is an oval (12.8 x 9.3 x 4.3 mm in length, width, and thickness; 2003.08.1926) blue bead (Figure 88). Other collectors have recovered glass beads from the site from burials (Patti Haskins, July 2013 personal communication).

Figure 88. Blue glass bead in Vessel No. 20 in Burial 3 at the Patton site.

The burials investigated by Jones at the Patton site occurred in two more or less east-west rows (Figure 89). Presumably the bodies of the deceased were laid in the graves in extended supine position with their heads facing west, as this was the predominant form of burial treatment for Big Cypress basin Titus phase Caddo peoples (Perttula 2012:393). Funerary offerings included ceramic vessels, “stone tools, as well as perishables such as baskets and wooden implements” (Perttula 2012:393).

Figure 89. Plan of Burials 1-8 at the Patton site excavated by Buddy Jones.

According to Jones' notes and vessel numbering system, a total of 53 ceramic vessels were recovered from the eight Patton site burials, an average of 6.6 vessels per burial. Other funerary objects documented by Jones include mussel shells and green clay pigment (Burials 1 and 4) (Figure 90), a mussel shell and celt (Burial 2) (Figure 91), mussel shell (Burials 3, 6, and 8), a small and short-stemmed clay pipe (Figure 92), green clay pigment, a mussel shell, red ochre, and two chipped stone blades/knives (Burial 5) (Figure 93a-c).

Figure 90. Burial 1 at the Patton site, based on a Buddy Jones burial drawing.

Figure 91. Burial 2 at the Patton site, based on a Buddy Jones burial drawing.

Figure 92. Clay pipe (2003.08.254), Burial 5, Patton site.

Figure 93. Other funerary objects in Burial 5 at the Patton site: a, chert blade fragment; b, triangular arrow point; c, a piece of red ochre.

The ceramic vessels include a total of 10 vessels in Burial 1; seven vessels from Burial 2; three vessels from Burial 3; six vessels from Burial 4; eight vessels in Burial 5; 11 vessels in Burial 6; three vessels in Burial 7; and four vessels in Burial 8. Another vessel (Vessel No. 53) was found by the Patton's in another burial ca. 100 m south of the cemetery. A total of 50 of these vessels from the site have been identified in the Gregg County Historical Museum collections, all unassociated funerary objects.

Identified utility and fine wares in the Patton site are consistent with a late (post-A.D. 1550) Titus phase component. Utility wares include Belcher Ridged, Bullard Brushed, Karnack Brushed-Incised, La Rue Neck Banded, Moore Noded, Pease Brushed-Incised, and applied rattle bowls, while fine wares consist of Bailey Engraved, cf. Hodges Engraved, Ripley Engraved, *var. Gandy*, *var. Pilgrims*, and *var. McKinney*, Simms Engraved, Taylor Engraved, and Wilder Engraved.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.21, Burial 1, Vessel No. 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the lower body

HEIGHT (IN CM): 21.5

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks, while the vessel body has vertical-diagonal brushing marks that extend to the vessel base (Figure 94).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

Figure 94. Bullard Brushed jar, Burial 1, Vessel No. 2, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.37, Burial 8, Vessel No. 32

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.2

ORIFICE DIAMETER (IN CM): 2.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has an engraved scroll motif that is repeated five times around the vessel; the scrolls end in hooked arm elements. There is a zone of tool punctates on the upper body, above the engraved scrolls (Figure 95).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 95. Taylor Engraved spool neck bottle, Burial 8, Vessel No. 52, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.39, Burial 1, Vessel No. 9

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Bottle

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 3.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.3; maximum body diameter of 6.2 cm

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 3.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.11

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has engraved vertical scrolls that hook around each other, but do not meet; the scrolls have a wider hatched area opposite where the scroll arms pass each other. The scrolls originate in upper and lower triangle elements with cross-hatched and excised corners (Figure 96).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Wilder Engraved, *var. unspecified*

Figure 96. Wilder Engraved, *var. unspecified* bottle, Burial 1, Vessel No. 9, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.70, Burial 3, Vessel No. 19

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 4.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.7; maximum body diameter of 10.6 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.9; circular and dimpled

ESTIMATED VOLUME (IN LITERS): 0.19

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has an engraved meandering scroll that doubles back on itself four times. The scroll line has small engraved tick marks on it. The scroll fill zones are cross-hatched, with a series of four upper and four lower negative ovals above cross-hatched curved areas that extend towards the double-backed scroll (Figure 97).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Hodges Engraved

Figure 97. Hodges Engraved spool neck bottle, Burial 3, Vessel No. 19, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.102, Burial 5, Vessel No. 30

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.3

ORIFICE DIAMETER (IN CM): 14.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.74

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the vessel is notched. The rim and body have a hatched rectilinear meandering scroll motif that is repeated four times around the vessel. There are cross-hatched bands encircling the rim and body above and below the scroll, along with cross-hatched columns that extend towards the scroll (Figure 98).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware, probably a variety of Simms Engraved

Figure 98. Engraved bowl, Burial 5, Vessel No. 30, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.103, Burial 2, Vessel No. 15

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black; fire clouds on the base

EXTERIOR SURFACE COLOR: black; fire clouds on the base; organic residue on the lower body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.8

ORIFICE DIAMETER (IN CM): 12.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.4; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.88

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The short rim has a continuous series of diagonal incised lines, and a single horizontal incised line at the rim-body juncture. The vessel body has a series of thin vertical ridges that extend to the vessel base (Figure 99).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Belcher Ridged, *var. Wilson's Island* (Schambach and Miller 1984:120)

Figure 99. Belcher Ridged, *var. Wilson's Island* jar, Burial 2, Vessel No. 15, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.104, Burial 1, Vessel No. 6

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 3.3 mm

INTERIOR SURFACE TREATMENT:
burnished

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): 5.6

ORIFICE DIAMETER (IN CM): 12.4

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 13.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.42

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has four panels with a single central horizontal engraved line in it. The panels are divided by cross-hatched engraved brackets (Figure 100).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 100. Simms Engraved carinated bowl, Burial 1, Vessel No. 6, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.201, Burial 1, Vessel No. 8

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.9 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: polished

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.6; maximum body diameter is 9.8 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.25

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has engraved vertical scrolls that hook around each other, but do not meet; the scrolls have a wider excised area opposite where the scroll arms pass each other. The scrolls originate in upper and lower triangle elements with cross-hatched and excised corners (Figure 101).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Wilder Engraved, *var. unspecified*

Figure 101. Wilder Engraved, *var. unspecified* bottle, Burial 1, Vessel No. 8, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.207, Burial 1, Vessel No. 10

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.9

ORIFICE DIAMETER (IN CM): 10.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has two alternating engraved diamond and circle central elements embedded in a scroll motif. There are rows of open and excised pendant triangles above and below the scroll lines (Figure 102).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. McKinney*

Figure 102. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Vessel No. 10, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.264, Burial 2, Vessel No. 17

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: brown; fire clouds on the base

EXTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished to polished

HEIGHT (IN CM): 10.4

ORIFICE DIAMETER (IN CM): 3.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.7; maximum body diameter of 7.9 cm

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.16

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four panels with engraved concentric circles (Figure 103).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Bailey Engraved or Taylor Engraved (Suhm and Jelks 1962:149 and Plate 76i)

Figure 103. cf. Bailey Engraved or Taylor Engraved bottle, Burial 2, Vessel No. 17, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.266, Burial 8, Vessel No. 49

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on lower body

HEIGHT (IN CM): 13.6

ORIFICE DIAMETER (IN CM): 12.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.0

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks and a row of tool punctates at the rim-body juncture. There are six vertical applied fillets that bisect the rim (and overlie the brushing marks) and the vessel body, creating six plain panels on the body (Figure 104).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Pease Brushed-Incised

Figure 104. cf. Pease Brushed-Incised jar, Burial 8, Vessel No. 49, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.311, Burial 7, Vessel No. 47

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Bottle with a spool neck

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 13.3

ORIFICE DIAMETER (IN CM): 4.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four panels filled with concentric engraved arcs, 11 arcing lines in each panel. The panels are divided by upper and lower triangle elements, and there are triangular areas and bands filled with small excised punctations below the bottle neck (Figure 105).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bailey Engraved

Figure 105. Bailey Engraved bottle, Burial 7, Vessel No. 47, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.335, Burial 4, Vessel No. 21

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim and body; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 8.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 18.4

ORIFICE DIAMETER (IN CM): 20.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 17.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushing marks. The vessel body has vertical to diagonal brushing marks that extend to within 4.0 cm of the base (Figure 106).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

Figure 106. Bullard Brushed jar, Burial 4, Vessel No. 21, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.339, Burial 5, Vessel No. 34

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Bowl with rattle nodes

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 5.4

ORIFICE DIAMETER (IN CM): 4.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel surface is completely covered with rows of pinching (Figure 107a). The four applied rattle nodes (14-18 mm in diameter) are also covered in pinching (Figure 107b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware; "Fulton Aspect Rattle Bowl" (Suhm and Jelks 1962:Plate 26)

Figure 107. Rattle bowl, Burial 5, Vessel No. 34, Patton site: a, side view; b, top view showing applied rattle nodes.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.340, Burial 6, Vessel No. 41

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct, but interior beveled, rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light reddish-brown

EXTERIOR SURFACE COLOR: light reddish-brown

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 5.3 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
smoothed

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 17.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.67

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the bowl is notched. The vessel body has three horizontal rows of small applied nodes and four large (33-38 mm in diameter) applied rattle nodes (Figure 108).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Moore Noded (Webb 1959:Figure 122a)

Figure 108. Moore Noded bowl, Burial 6, Vessel No. 41, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.343, Burial 6, Vessel No. 42

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Rattle bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 3.9

ORIFICE DIAMETER (IN CM): 5.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.9; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel is completely covered with pinching, and there are two large appliqued rattle nodes, or blank areas where they were attached, on opposite sides of the bowl (Figure 109).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: "Fulton Aspect Rattle Bowl"

Figure 109. Moore Noded bowl, Burial 6, Vessel No. 42, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.362, Burial 6, Vessel No. 35

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Olla

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: dark yellowish-brown;
fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM):
rim, 7.0 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: polished

HEIGHT (IN CM): 30.6

ORIFICE DIAMETER (IN CM): 8.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM):
8.3; 22.0 cm maximum body diameter

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four panels filled with concentric engraved arcs, 11 arcing lines in each panel (Figure 110a). The panels are divided by upper and lower triangle elements (several with downward-pointing excising rays), and there are triangular areas and bands filled with small excised punctations below the bottle neck (Figure 110b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bailey Engraved

Figure 110. Bailey Engraved olla, Burial 6, Vessel No. 35, Patton site: a, side view; b, triangular punctate-filled areas below the neck.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.383, Burial 6, Vessel No. 43

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 16.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 15.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved slanting scroll motif repeated four times around the vessel; the engraved motif overlies horizontal brushing marks (Figure 111). The rim panels are divided by upper triangles atop single vertical engraved lines. The upper and lower scroll fill zones have vertical engraved lines with small attached triangular elements.

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 111. Ripley Engraved, *var. unspecified* carinated bowl, Burial 6, Vessel No. 43, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.524, Burial 5, Vessel No. 29

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the base

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.9

ORIFICE DIAMETER (IN CM): 21.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.7

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has a simple engraved scroll motif repeated four times around the vessel; there are no scroll fill zones, only a stack of three scrolls in each motif. The scrolls are divided by engraved brackets with two small excised pendant ticks (Figure 112); these simulate a negative S element as seen on some Ripley Engraved, *var. Gandy* vessels (cf. Thurmond 1990:Figure 6).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 112. Ripley Engraved, *var. unspecified* carinated bowl, Burial 5, Vessel No. 29, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.525, Burial 3, Vessel No. 20

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE
IN MM): rim, 4.4 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT:
smoothed

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 23.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.5; circular and rounded

ESTIMATED VOLUME (IN LITERS): 1.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved slanting scroll motif that is repeated four times around the vessel. Each slanting scroll contains hatched hooked arm elements that conjoin, or in one instance has ticked lines instead of hatched lines; the ticking continues onto the scroll line. The scroll motifs are divided by two sets of narrow arcing lines with hatching. The upper and lower scroll fill zones have narrow arcing lines with hatching (Figure 113).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Taylor Engraved

Figure 113. cf. Taylor Engraved carinated bowl, Burial 3, Vessel No. 20, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.590, Burial 6, Vessel No. 38

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: very dark grayish-brown; organic residue on the rim and body

EXTERIOR SURFACE COLOR: dark grayish-brown; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 11.5

ORIFICE DIAMETER (IN CM): 12.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 12.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.88

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel is decorated with vertical brushing marks from the short rim to the vessel base (Figure 114).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Karnack Brushed-Incised

Figure 114. Karnack Brushed-Incised jar, Burial 6, Vessel No. 38, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.591, Burial 2, Vessel No. 13

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: black; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.4

ORIFICE DIAMETER (IN CM): 14.5

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 16.8

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 5.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.64

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The lip of the vessel is notched. The rim has four elongated panels with upper and lower tick marks. The panels are divided by either hatched or cross-hatched brackets (Figure 115).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 115. Simms Engraved carinated bowl, Burial 2, Vessel No. 13, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.594, Burial 4, Vessel No. 22

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.4

ORIFICE DIAMETER (IN CM): 18.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 18.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.83

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved horizontal scroll with diamond and circle central elements each repeated two times. Both central elements have small negative circles with excised rays. There are upper and lower rows of excised pendant triangles along the scrolls (Figure 116). There is also an interior horizontal engraved line at the carination.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. McKinney*

Figure 116. Ripley Engraved, *var. McKinney* carinated bowl, Burial 4, Vessel No. 22, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.596, Burial 6, Vessel No. 39

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light reddish-brown

EXTERIOR SURFACE COLOR: light reddish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 14.1

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 14.1

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 5.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.58

Figure 117. Ripley Engraved, var. Gandy carinated bowl, Burial 6, Vessel No. 39, Patton site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved scroll motif repeated four times around the vessel. The scroll motifs are divided by open brackets. The upper and lower scroll fill zones have a series of short arcing lines (Figure 117).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, var. Gandy

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.650, Burial 3, Vessel No. 18

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 9.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 30.1

ORIFICE DIAMETER (IN CM): 24.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 23.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 8.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 9.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushed-incised marks, while the vessel body has diagonal brushing marks (Figure 118).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Bullard Brushed

Figure 118. cf. Bullard Brushed jar, Burial 3, Vessel No. 18, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.672, Burial 2, Vessel No. 11

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM):
rim, 9.3 mm; body, 8.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 26.3

ORIFICE DIAMETER (IN CM): 19.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM):
17.3

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 8.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 6.8

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushing marks. Four rows of tool punctates have been pushed through the brushing on the rim. The vessel body has vertical brushing marks that extend to the base (Figure 119).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 119. Brushed-punctated jar, Burial 2, Vessel No. 11, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.710, Burial 2, Vessel No. 16

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip, as well as four rim peaks (Figure 120)

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
smoothed

HEIGHT (IN CM): 3.9

ORIFICE DIAMETER (IN CM): 10.6

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 4.1; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.17

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel has a red slip on both interior and exterior surfaces (Figure 120), except on the exterior base.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 120. Red-slipped bowl, Burial 2, Vessel No. 16, at the Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.763, Burial 5, Vessel No. 33

NON-PLASTICS AND PASTE: bone-grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: very dark grayish-brown; fire clouds on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.1

ORIFICE DIAMETER (IN CM): 14.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 8.0

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 6.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.67

Figure 121. Ripley Engraved, cf. var. McKinney carinated bowl, Burial 5, Vessel No. 33, Patton site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved pendant triangle motif repeated four times around the vessel. The central element between the horizontal scrolls, but not connected to them, is a circle with a small central dot. There are rows of excised pendant triangles both above and below the scroll motif, but not above the central circles (Figure 121).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, cf. var. *McKinney*

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.867, Unidentified vessel or burial no.

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 16.3

ORIFICE DIAMETER (IN CM): 27.2

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 27.3

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 7.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 4.0

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved interlocking horizontal scroll motif that is repeated four times around the vessel. The motifs are divided by excised brackets, and smaller brackets interlock the scrolls (Figure 122). There is also a single horizontal engraved line at the carination on the interior vessel surface.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Pilgrims*

Figure 122. Ripley Engraved, *var. Pilgrims* carinated bowl, unknown burial, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.868, Burial 8, Vessel No. 51

NON-PLASTICS AND PASTE: bone, grog, and hematite

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 4.8 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.8

ORIFICE DIAMETER (IN CM): 12.3

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 14.2

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 4.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.58

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has an engraved negative continuous scroll motif repeated an unknown number of times (due to vessel surface erosion) around the vessel (Figure 123).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Simms Engraved

Figure 123. cf. Simms Engraved carinated bowl, Burial 8, Vessel No. 51, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.869, Burial 8, Vessel No. 50

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.7

ORIFICE DIAMETER (IN CM): 16.3

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 15.9

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 7.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.75

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has a simple engraved horizontal scroll motif that is repeated four times around the vessel. The scrolls are divided by engraved brackets (Figure 124).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 124. Ripley Engraved, *var. unspecified* carinated bowl, Burial 8, Vessel No. 50, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.870, Burial 7, Vessel No. 46

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar with two suspension holes (3.9 mm in diameter)

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body and base

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.6 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.6

ORIFICE DIAMETER (IN CM): 11.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.6

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.86

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is plain, but the body has four panels filled with engraved concentric circles. The panels are separated by a series of triangular elements extending from the bottom of the rim; the lowermost triangular element has an excised ray at its end (Figure 125).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware, cf. Bailey Engraved

Figure 125. cf. Bailey Engraved jar, Burial 7, Vessel No. 46, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.871, Burial 6, Vessel No. 45

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 15.5

ORIFICE DIAMETER (IN CM): 18.9

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is divided into four panels that have an engraved scroll motif. The upper and lower scroll fill zones consist of single horizontal engraved lines that end in open triangle elements. The scroll motifs are divided by brackets with S-shaped elements (Figure 126).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. unspecified*

Figure 126. Engraved carinated bowl, Burial 6, Vessel No. 45, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.873, Burial 5, Vessel No. 32

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.4

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.65

Figure 127. Ripley Engraved, var. McKinney carinated bowl, Burial 5, Vessel No. 32, Patton site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved pendant triangle motif repeated four times around the vessel. The central element between the horizontal scrolls is a circle with a central open circle. There are rows of excised pendant triangles both above and below the scroll motif, but not in, above, or below the central circles (Figure 127).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines; there is also a red ochre stain on the interior base surface

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, var. McKinney

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.875, Burial 8, Vessel No. 53

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar with a 4-peaked rim and appliqued knobs on the rim

RIM AND LIP FORM: Everted rim and flat lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 12.2

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.84

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushing marks, and three rows of tool punctates have been pushed through the brushing. The vessel body has four panels defined by vertical applied fillets. Within the panels are horizontal brushing marks, a series of overlying diagonal opposed incised lines, and a single vertical tool punctated row pushed through the brushing (Figure 128).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Pease Brushed-Incised

Figure 128. cf. Pease Brushed-Incised jar, Burial 8, Vessel No. 53, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.876, Burial 4, Vessel No. 23

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 4.8

ORIFICE DIAMETER (IN CM): 8.5

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 8.6

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 4.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.25

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved scroll and circle motif that is repeated four times around the vessel. The central circle element has small central excised circles, dots, or open circles (Figure 129). The upper and lower scroll fill zones are triangular elements that are either open or excised.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Galt*

Figure 129. Ripley Engraved, *var. Galt* carinated bowl, Burial 4, Vessel No. 23, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.980, Burial 4, Vessel No. 25

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: very dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.3; body, 6.2 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): 10.6

ORIFICE DIAMETER (IN CM): 17.9

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 18.3

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: 7.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 130)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Simms Plain

Figure 130. cf. Simms Plain carinated bowl, Burial 4, Vessel No. 25, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1002, Burial 1, Vessel No. 5

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and a rounded, exterior folded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: yellowish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.0 mm

INTERIOR SURFACE TREATMENT: burnished

EXTERIOR SURFACE TREATMENT: polished

HEIGHT (IN CM): 9.4

ORIFICE DIAMETER (IN CM): 13.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.74

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has four engraved panels with negative scrolls defined by upper and lower cross-hatched zones. The panels also contain cross-hatched columns. One to three vertical engraved lines divide the panels (Figure 131).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 131. Simms Engraved carinated bowl, Burial 1, Vessel No. 5, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1024, Burial 1, Vessel No. 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black; organic residue on the rim

EXTERIOR SURFACE COLOR: very dark grayish-brown; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.9 mm; body, 4.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 14.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel of this small vessel has upper and lower horizontal incised lines and a continuous series of vertical incised lines. The vessel body is divided into 13 panels by vertical applied ridges. The body panels are filled with vertical brushed-incised marks (Figure 132).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Pease Brushed-Incised

Figure 132. Pease Brushed-Incised jar, Burial 1, Vessel No. 3, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1083, Burial 6, Vessel No. 36

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: grayish-brown

EXTERIOR SURFACE COLOR: light grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE
IN MM): rim, 7.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.1

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 11.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE:
6.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.0

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with nine horizontal incised lines. The vessel body has a continuous series of vertical incised lines that extend to within 1.0 cm of the base (Figure 133).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 133. Incised jar, Burial 6, Vessel No. 36, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1126, Burial 1, Vessel No. 7

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: very dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.0

ORIFICE DIAMETER (IN CM): 9.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.27

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 134)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 134. Plain bowl, Burial 1, Vessel No. 7, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1133, Burial 2, Vessel No. 14

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: dark gray; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 13.9

ORIFICE DIAMETER (IN CM): 26.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 27.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has six narrow engraved panels with a single central horizontal engraved line. The panels are divided by cross-hatched engraved brackets (Figure 135).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Simms Engraved

Figure 135. Simms Engraved carinated bowl, Burial 2, Vessel No. 14, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1421, Burial 1, Vessel No. 1

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Olla

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim and base

EXTERIOR SURFACE COLOR: gray to black; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.2 mm; body, 8.4 mm; base, 9.3 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): ca. 29.4

ORIFICE DIAMETER (IN CM): 10.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 9.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 9.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.2

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The bottle body has vertical and hooked arm scrolls that originate in hatched triangular and open oval-shaped elements and repeat four times on the vessel; there are ovals (eye-shaped) and circles within the larger triangular and oval elements. The scrolls have wider excised areas on either side where the hooked arms pass each other (Figure 136a). The lower part of the neck of the olla has a series of short vertical incised lines (Figure 136b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Wilder Engraved, *var. unspecified*

Figure 136. Wilder Engraved, *var. unspecified* olla, Burial 1, Vessel No. 1, Patton site: a, side view; b, olla neck.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1758, Burial 5, Vessel No. 28

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Jar with a peaked rim and four applied lug handles

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown;
fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: grayish-brown; fire
clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN
MM): rim, 6.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 15.6

ORIFICE DIAMETER (IN CM): 17.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 15.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has a series of concentric incised circles that are centered under each rim peak/lug handle (Figure 137).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 137. Incised jar, Burial 5, Vessel No. 28, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1776, Burial 7, Vessel No. 48

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: dark yellowish-brown

EXTERIOR SURFACE COLOR: light yellowish-brown with fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.1 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.7

ORIFICE DIAMETER (IN CM): 10.9

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 11.1

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 4.0; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.37

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 138)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 138. Plain carinated bowl, Burial 7, Vessel No. 48, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1790, Burial 1, Vessel No. 4

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim and base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.3

ORIFICE DIAMETER (IN CM): 19.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has two alternating engraved diamond and circle central elements embedded in a scroll motif; both of the central elements have smaller diamond elements at their center. There are rows of open and excised pendant triangles above and below the scroll lines. The upper and lower scroll lines end with brackets that have negative backward-S-shaped elements within them (Figure 139).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. McKinney*

Figure 139. Ripley Engraved, *var. McKinney* carinated bowl, Burial 1, Vessel No. 4, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1814, Burial 4, Vessel No. 26

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark gray

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.1 mm; body, 5.3 mm; base, 5.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.9

ORIFICE DIAMETER (IN CM): 2.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.8

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 3.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.12

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four panels filled with engraved concentric arcing lines. Each panel has between six-seven arcing lines (Figure 140).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Bailey Engraved

Figure 140. Bailey Engraved bottle, Burial 4, Vessel No. 26, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1825, Burial 5, Vessel No. 33

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle with a spool neck and a carinated body

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.9 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 6.2

ORIFICE DIAMETER (IN CM): 2.4

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 2.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 2.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.1

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The body panel consists of a series of cross-hatched engraved snake-like body and T-shaped elements that repeat three times around the vessel (Figure 141). There are also two concentric arcing lines between two of the T-shaped elements.

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 141. Engraved spool-necked bottle, Burial 5, Vessel No. 33, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1840, Burial 6, Vessel No. 44

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the neck

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.6 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 3.2

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.9

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 4.7; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.23

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body has four panels with engraved concentric circles and spirals. The central circle in each panel also has a single small central excised dot within it. At the top of the panels is a continuous zone of triangular and horizontal engraved areas filled with excised tool punctates (Figure 142).

PIGMENT USE AND LOCATION ON VESSEL: red in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Bailey Engraved

Figure 142. Bailey Engraved bottle, Burial 6, Vessel No. 44, Patton site.

SITE NAME OR SITE NUMBER: Patton

VESSEL NO.: 2003.08.1963, Burial 2, Vessel No. 12

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim and body; organic residue on the rim and body

EXTERIOR SURFACE COLOR: light grayish-brown; fire clouds on the rim and base; organic residue on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed on the body

HEIGHT (IN CM): 21.1

ORIFICE DIAMETER (IN CM): 19.1

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.6

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of the vessel has three horizontal rows of neck banding (Figure 143).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: La Rue Neck Banded

Figure 143. La Rue Neck Banded jar, Burial 2, Vessel No. 12, Patton site.

Darco Coal Mine Site, Harrison County, Vessels

An ancestral Caddo burial was excavated at the Darco site by Buddy Jones sometime in the 1960s, but the exact date is unknown. The site is in the Sabine River valley, along Spring Creek, a southern-flowing tributary to the river, southwest of the community of Darco.

There are four vessels from the site in the Gregg County Historical Museum collections. Their decorative styles suggest the vessels are from a Caddo burial that postdates ca. A.D. 1600, and may be broadly contemporaneous with the graves at the nearby Susie Slade site.

SITE NAME OR SITE NUMBER: Darco Coal Mine

VESSEL NO.: 2003.08.287 (1 HC)

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip

CORE COLOR: N/A [reconstructed vessel]

INTERIOR SURFACE COLOR: N/A

EXTERIOR SURFACE COLOR: brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm

INTERIOR SURFACE TREATMENT: N/A

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 12.0

ORIFICE DIAMETER (IN CM): 26.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 26.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.9

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): the rim panel has an engraved scroll motif repeated four times around the vessel. The scrolls end in hooked arms. The scroll motifs are divided by engraved brackets with interior excised pendant triangles, simulating the negative S element. The upper and lower scroll fill zones have single horizontal engraved lines that end in large open triangle elements (Figure 144).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Ripley Engraved, *var. Gandy*

Figure 144. cf. Ripley Engraved, *var. Gandy* carinated bowl from the Darco Coal Mine site.

SITE NAME OR SITE NUMBER: Darco Coal Mine

VESSEL NO.: 2003.08.622 (4 HC)

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Inverted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the base

EXTERIOR SURFACE COLOR: light brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 7.8

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 13.0

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.5; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.5

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved continuous scroll motif repeated four times around the vessel. The upper and lower scroll fill zones have negative ovals (with a central dot), short vertical lines, and triangular cross-hatched elements (Figure 145).

PIGMENT USE AND LOCATION ON VESSEL: white in engraved lines

TYPE AND VARIETY [IF KNOWN]: Ripley Engraved, *var. Carpenter*

Figure 145. Ripley Engraved, *var. Carpenter* carinated bowl, Darco Coal Mine site.

SITE NAME OR SITE NUMBER: Darco Coal Mine

VESSEL NO.: 2003.08.641 (6 HC)

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: grayish-brown; fire clouds on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 3.5 mm; body, 4.5 mm; base, 7.0 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 11.0

ORIFICE DIAMETER (IN CM): 2.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 3.1

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.9; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.26

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body is divided into four panels filled with engraved concentric spirals that end in hooked arms. Two of the panels are divided by upper and lower triangle elements (with smaller triangles within), and two are not (Figure 146).

PIGMENT USE AND LOCATION ON VESSEL: red in engraved lines

TYPE AND VARIETY [IF KNOWN]: Taylor Engraved

Figure 146. Taylor Engraved bottle from the Darco Coal Mine site.

SITE NAME OR SITE NUMBER: Darco Coal Mine

VESSEL NO.: 2003.08.679 (5 HC)

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Bowl

RIM AND LIP FORM: Everted and exterior thickened rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.1 mm; body, 4.0 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 7.8

ORIFICE DIAMETER (IN CM): 7.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 6.5; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.24

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has a single horizontal engraved line. On the vessel body are four panels filled with broad concentric engraved lines forming semi-circles; the innermost semi-circle has a central excised dot. There are triangular zones above the engraved panels that are filled with small circular punctations (Figure 147).

PIGMENT USE AND LOCATION ON VESSEL: white in the trailed lines and punctations

TYPE AND VARIETY [IF KNOWN]: cf. Bailey Engraved

Figure 147. cf. Bailey Engraved bowl from the Darco Coal Mine site.

Marshall Red Gully Site, Harrison County, Vessels

The Marshall Red Gully site is an ancestral Caddo settlement in the city of Marshall, Texas that was investigated by Buddy C. Jones in the early 1960s. Although the site has not been formally recorded, it is thought to have been located along Parker Creek, a tributary to Eight Mile Creek in the Sabine River basin (Patti Haskins, July 2013 personal communication).

There are three ceramic vessels from at least one burial at the Marshall Red Gully site in the collections of the Gregg County Historical Museum. The vessel forms and decorative styles of the vessels suggest they date to Late Caddo times, perhaps after ca. A.D. 1550 because of the occurrence of a single inverted rim engraved carinated bowl (see below).

SITE NAME OR SITE NUMBER: Marshall Red Gully

VESSEL NO.: 2003.08.1968

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: N/A

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): body, 9.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel body of this

moderately-sized vessel has horizontal brushing marks (Figure 148).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 148. Brushed jar section from the Marshall Red Gully site.

SITE NAME OR SITE NUMBER: Marshall Red Gully

VESSEL NO.: 2003.08.1969

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

EXTERIOR SURFACE COLOR: dark yellowish-brown;
fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM):
rim, 6.9 mm; body, 7.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 20.3

ORIFICE DIAMETER (IN CM): 15.0

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 14.8

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 7.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.7

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has an alternating series of four upper and lower incised triangles. The incised triangles are either filled with tool punctates or diagonal incised lines pitched in opposite directions. The vessel body has vertical brushing marks that extend to within 3.0 cm of the base (Figure 149).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: cf. Maydelle Incised

Figure 149. cf. Maydelle Incised jar from the Marshall Red Gully site.

SITE NAME OR SITE NUMBER: Marshall Red Gully

VESSEL NO.: 2003.08.1970

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Inverted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.2 mm; body, 7.7 mm; base, 10.7 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 12.7

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

Figure 150. Engraved bowl from the Marshall Red Gully site.

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.2; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.32

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has engraved panels marked by sets of four closely-spaced and near vertical lines around the vessel (Figure 150). The remainder of the vessel body is encircled by eight closely-spaced horizontal engraved lines that extend to the base (Figure 151).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 151. View of the engraved bowl from the Marshall Red Gully site showing the horizontal engraved lines around the base of the vessel.

Eli Fields Site, Harrison County, Vessels

Excavations at the Eli Fields site took place in June 1963 by Buddy C. Jones. The site, in south central Harrison County, is on a Hatley Creek alluvial terrace in the Sabine River drainage. Based on notes in the museum files, at least four ancestral Caddo burials were excavated by Jones. The burials were in extended supine position in pits in two rows that were oriented northwest-southeast, with the heads of the deceased facing to the northwest (Figure 152).

Jones' notes indicate that the four burials at the Eli Fields site had 31 ceramic vessels as funerary offerings: 10 vessels in Burial 2 (Figure 153); eight vessels in Burial 3 (Figure 154); seven vessels in

Figure 152. Map of Burials 1-4 at the Eli Fields site.

Burial 4; and six vessels in Burial 1. These vessels had been placed by the head and along the sides of the body of the deceased. A total of 21 ceramic vessels from burials 2-4 at the site have been identified in the Gregg County Historical Museum collections.

Figure 153. Burial 2 at the Eli Fields site, based on a Buddy Jones burial drawing.

Figure 154. Burial 3 at the Eli Fields site, based on a Buddy Jones burial drawing.

The vessels from the Eli Fields site include plain wares (two bowls, two carinated bowls, one bottle, and one jar), utility wares (brushed, brushed-punctated-incised, Bullard Brushed, and Pease Brushed-Incised) and fine wares. None of the fine wares are typologically identifiable but decorative elements include semi-circles, arcing lines, brackets, triangles, and ovals, as well as simple horizontal line, scroll, and scroll-circle motifs. Two engraved carinated bowls have a Redwine mode lip (see Walters 2010:Figure 4), a Middle to Late Caddo period lip treatment style in the Sabine River basin. The unique character of the fine wares suggests that the site likely dates from Middle Caddo period times, since such diverse and typologically unidentifiable fine wares typify ceramics from this period.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.533, Burial 4

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Bowl

RIM AND LIP FORM: Direct rim with a rounded and scalloped lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm; body, 7.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 5.4

ORIFICE DIAMETER (IN CM): 8.9

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 4.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.19

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 155)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 155. Plain bowl, Burial 4, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.534, Burial 4

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND
BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 10.9

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 9.2

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 5.8; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.58

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The vessel has horizontal and diagonal brushing marks on the rim, and vertical and diagonal brushing on the body that extends to the vessel base (Figure 156).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 156. Brushed jar, Burial 4, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.535, Burial 4

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl with a rim node (6.3 x 26 mm in height and width) (Figure 157)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim; organic residue on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 15.5

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 6.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.55

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 157)

PIGMENT USE AND LOCATION ON VESSEL: node

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 157. Rim noded bowl, Burial 4, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.536, Burial 2

NON-PLASTICS AND PASTE: grog and bone

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE
IN MM): rim, 7.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 10.8

ORIFICE DIAMETER (IN CM): 10.8

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 10.6

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 6.4; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.7

Figure 158. Bullard Brushed jar, Burial 2, Eli Fields site.

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks, while there are horizontal, diagonal, and overlapping brushing marks on the vessel body (Figure 158).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.539, Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.8 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 8.9

ORIFICE DIAMETER (IN CM): 13.9

DIAMETER AT BOTTOM OF RIM OR NECK
(IN CM): 13.9

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: 5.2; circular and flat

Figure 159. Plain carinated bowl, Burial 2, Eli Fields site.

ESTIMATED VOLUME (IN LITERS): 0.74

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 159)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.540, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded, scalloped lip

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 5.8

ORIFICE DIAMETER (IN CM): 10.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 10.2

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and rounded

ESTIMATED VOLUME (IN LITERS): 0.46

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel has a single horizontal engraved line. The lower rim panel has three oval-shaped engraved elements, as well as an engraved pendant triangle, and a single rectilinear engraved line (Figure 160).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 160. Engraved compound bowl, Burial 3, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.542, Burial 4

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bottle

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: G (fired in a reducing environment and cooled in the open area)

INTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: burnished

HEIGHT (IN CM): 10.2

ORIFICE DIAMETER (IN CM): 4.8

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 4.6; 9.1 cm maximum body diameter

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.23

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 161)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 161. Plain bottle, Burial 4, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.580, Burial 2

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark reddish-brown; fire clouds on the rim and body; organic residue on the rim

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.9 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 20.9

ORIFICE DIAMETER (IN CM): 17.3

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.7

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 3.3

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushing marks and a row of tool punctates at the rim-body juncture. The vessel body has diagonal brushed-incised marks that extend to the base with a set of two overlapping diagonal incised lines (Figure 162).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified utility ware

Figure 162. Brushed-punctated-incised jar, Burial 2, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.747, Burial 3

NON-PLASTICS AND PASTE: bone and hematite

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.4 mm; body, 7.1 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 22.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this moderately-sized vessel has horizontal brushing marks and a row of tool punctates at the rim-body juncture. The vessel body has a series of vertical applied fillets that have created panels filled with vertical brushing marks.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Pease Brushed-Incised

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.769, Burial 3

NON-PLASTICS AND PASTE: bone

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.0 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): 14.0

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.3

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.4; circular and flat

ESTIMATED VOLUME (IN LITERS): 1.0

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim has horizontal brushing marks with three rows of tool punctates: under the lip, mid-rim, and at the rim-body juncture. The vessel body has seven panels defined by vertical applied fillets that extend to the base. The panels are filled with diagonal brushing marks (Figure 163).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Pease Brushed-Incised

Figure 163. Pease Brushed-Incised jar, Burial 3, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.851, Burial 4

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and a rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 7.3 mm; body, 6.2 mm; base, 11.6 mm

INTERIOR SURFACE TREATMENT: none

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 10.5

ORIFICE DIAMETER (IN CM): 26.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 22.4

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 2.4

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel of this large vessel has a single horizontal engraved line. The lower rim panel has a simple horizontal scroll motif repeated four times, with the motifs divided by large excised triangles. The vessel body has horizontal brushing marks (Figure 164a-b).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 164. Engraved-brushed compound bowl, Burial 4, Eli Fields site: a, rim sherds; b, reconstructed vessel.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.852, Burial 4

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip; Redwine mode lip (see Walters 2010)

CORE COLOR: A (fired and cooled in an oxidizing environment)

INTERIOR SURFACE COLOR: light brown

EXTERIOR SURFACE COLOR: light brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.2 mm; body, 4.2 mm; base, 9.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 17.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 16.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.7; circular and flat

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.912, Burial 3

NON-PLASTICS AND PASTE: grog and sandy paste

VESSEL FORM: Compound bowl

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown; fire clouds on upper rim panel

EXTERIOR SURFACE COLOR: reddish-brown; fire clouds on the rim panels

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, upper panel, 7.5 mm; body, 7.1 mm; base, 13.7 mm

INTERIOR SURFACE TREATMENT:
smoothed

EXTERIOR SURFACE TREATMENT:
burnished

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 32.0

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND
SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The upper rim panel of this large vessel is plain. The lower rim panel has an engraved scroll motif with a central semi-circle element. The semi-circles are defined by narrow semi-circular hatched zones and a hatched triangular element. In addition to the scroll and semi-circle motif, there is a second engraved motif on the lower rim panel: alternating sets of hatched triangular elements and hatched brackets (Figure 165).

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 165. Engraved compound bowl rim panel sherds, Burial 3, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel A section

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 8.4 mm; body, 6.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 33.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this large vessel is decorated with horizontal brushing marks.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel B section

NON-PLASTICS AND PASTE: bone and grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and a rounded, exterior folded lip; Redwine mode lip (see Walters 2010)

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black; fire clouds on the rim and body

EXTERIOR SURFACE COLOR: dark brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm; body, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR
NECK (IN CM): 10.0

BASE DIAMETER (IN CM) AND SHAPE OF
BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 166)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 166. Plain jar, Vessel Section B, Burial 2, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel C section

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: brown; fire clouds on the rim and body; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm; body, 8.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 25.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 24.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel of this large vessel has semi-circular arcs of three engraved lines, with a set of three vertical engraved lines in the center of the semi-circular engraved arcs.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel D section

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip; Redwine mode lip (see Walters 2010)

CORE COLOR: F (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: light brown; fire clouds on the rim

EXTERIOR SURFACE COLOR: light brown; fire clouds on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 4.2 mm; body, 4.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 21.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 19.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this medium-sized vessel is divided into rectangular panels by vertical engraved lines. The panels have engraved triangles, rectangles with small excised pendant triangles, hatched brackets, and cross-hatched columns.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel E section

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Bowl with lip nodes

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown; fire clouds on the rim

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.3 mm; body, 5.3 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 10.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): There are two horizontal engraved lines encircling the rim of this small vessel.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.914, Burial 2, Vessel section F

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Everted rim and rounded lip

CORE COLOR: B (fired and cooled in a reducing environment)

INTERIOR SURFACE COLOR: black

EXTERIOR SURFACE COLOR: black; organic residue on the body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.3 mm; body, 6.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): N/A

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim is decorated with horizontal brushing marks, and there are diagonal brushing marks on the vessel body.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.1752, Burial 3

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Carinated bowl

RIM AND LIP FORM: Direct rim and a rounded, exterior folded lip; Redwine mode lip (see Walters 2010)

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: dark grayish-brown

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 5.4 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 6.4

ORIFICE DIAMETER (IN CM): 14.6

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 14.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 5.6; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.56

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim panel has an engraved scroll and semi-circle motif repeated four times around the vessel. The central semi-circle element has two smaller semi-circles within it. The scroll fill zones have sets of vertical and curvilinear engraved lines (Figure 167).

PIGMENT USE AND LOCATION ON VESSEL: white in the engraved lines

TYPE AND VARIETY [IF KNOWN]: Unidentified fine ware

Figure 167. Engraved carinated bowl, Burial 3, Eli Fields site.

SITE NAME OR SITE NUMBER: Eli Fields

VESSEL NO.: 2003.08.3160, Burial 2

NON-PLASTICS AND PASTE: grog

VESSEL FORM: Jar

RIM AND LIP FORM: Direct rim and rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: dark grayish-brown

EXTERIOR SURFACE COLOR: yellowish-brown; fire clouds on the rim and body

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.5 mm; body, 6.6 mm; base, 11.5 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: none

HEIGHT (IN CM): N/A

ORIFICE DIAMETER (IN CM): 11.5

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): 11.5

BASE DIAMETER (IN CM) AND SHAPE OF BASE: N/A

ESTIMATED VOLUME (IN LITERS): N/A

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): The rim of this small vessel is decorated with horizontal brushing marks, and there is a single row of tool punctates at the rim-body juncture. The vessel body has vertical brushing marks.

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Bullard Brushed

Beckville Site, Panola County, Vessel

The Beckville site is located in the Martin Creek valley, in the Sabine River basin, ca. 3.3 km north of the town of Beckville in Panola County, Texas. In 1955, Buddy Jones investigated the remnants of a burial that had been exposed in a new road cut. There is a single ceramic vessel from this burial in the

Gregg County Historical Museum collections. While the vessel shape, use of temper, and firing conditions are consistent with a Caddo Indian affiliation for this vessel, its lack of decoration hinders any more specific East Texas temporal or spatial/cultural group identifications.

SITE NAME OR SITE NUMBER: Beckville

VESSEL NO.: 2003.08.1921

NON-PLASTICS AND PASTE: bone, hematite, and organics

VESSEL FORM: Bowl with rim peaks (Figure 168)

RIM AND LIP FORM: Direct rim and a rounded lip

CORE COLOR: H (fired in a reducing environment and cooled in the open air)

INTERIOR SURFACE COLOR: reddish-brown

EXTERIOR SURFACE COLOR: grayish-brown; fire clouds on the rim, body, and base

WALL THICKNESS (RIM, BODY, AND BASE IN MM): rim, 6.0 mm; body, 7.7 mm; base, 11.2 mm

INTERIOR SURFACE TREATMENT: smoothed

EXTERIOR SURFACE TREATMENT: smoothed

HEIGHT (IN CM): 12.7

ORIFICE DIAMETER (IN CM): 13.0

DIAMETER AT BOTTOM OF RIM OR NECK (IN CM): N/A

BASE DIAMETER (IN CM) AND SHAPE OF BASE: 7.3; circular and flat

ESTIMATED VOLUME (IN LITERS): 0.66

DECORATION (INCLUDING MOTIF AND ELEMENTS WHEN APPARENT): Plain (Figure 168)

PIGMENT USE AND LOCATION ON VESSEL: none

TYPE AND VARIETY [IF KNOWN]: Unidentified plain ware

Figure 168. Plain bowl from the Beckville site.

NAGPRA Findings and Recommendations

This report has documented NAGPRA funerary objects from nine different sites in the Gregg County Historical Museum collections in Gregg, Harrison, and Panola counties, in the East Texas Pineywoods. The archeological evidence that has been reviewed in this study, and the documentation of the funerary objects from burial features at the sites indicate that the NAGPRA objects are associated with Middle Caddo (ca. A.D. 1200-1450), Late Caddo (ca. A.D. 1450-1680), and Historic Caddo (post-A.D. 1680) burial features.

We have made the following findings under NAGPRA for the Gregg County Historical Museum NAGPRA collections from the nine East Texas sites:

First, the funerary objects documented at the Hyte, Susie Slade, J. O. and Henry Brown, C. D. Marsh, Patton, Darco Coal Mine, Eli Fields, Marshall Red Gully and Beckville sites, and the information in the Gregg County Historical Museum files on the context of these offerings, as part of this study are from ancestral Caddo burials dating from ca. A.D. 1250 to the early 18th century. It is well known from archeological, bioarcheological, historical, archival, and oral historical records that the prehistoric and early Historic Caddo peoples are ancestral to the modern-day Caddo Nation of Oklahoma (Rogers and Sabo 2004:Figure 1), and these nine sites are situated within the ancestral territory of the Caddo people. Consequently, the funerary objects from the burial features at these sites documented in this report are culturally affiliated with the Caddo Nation of Oklahoma as defined in 25 U.S.C. 3001, Section 2 and Code of Federal Regulations, Title 43, Part 10, Section 10.2(e). These funerary objects include 158 whole ceramic vessels as discussed and documented in this report;

Second, the preponderance of archeological evidence supports this finding, namely (a) the manner of burial practice when that information is available (i.e., in a pit or grave where the body of a deceased ancestral Caddo individual was laid in the grave with a variety of funerary objects placed around the body); (b) the kinds of funerary objects placed with the deceased, including culturally diagnostic and well-recognized Caddo pottery types; and (c) the fact that whole pottery vessels on Caddo sites are, to a greater than reasonable certainty, from offerings from Caddo burial features;

and third, because there are no human remains in the Gregg County Historical Museum NAGPRA collections associated with these whole ceramic vessels, these ancestral Caddo funerary objects are considered unassociated funerary objects (25 U.S.C. 3001, Section 2 (3)(b) and Code of Federal Regulations, Title 43 Section 10.2(d)(2)(ii)).

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