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THE GILBERT SITE
A Norteño Focus Site in Northeastern Texas

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ORNAMENTS

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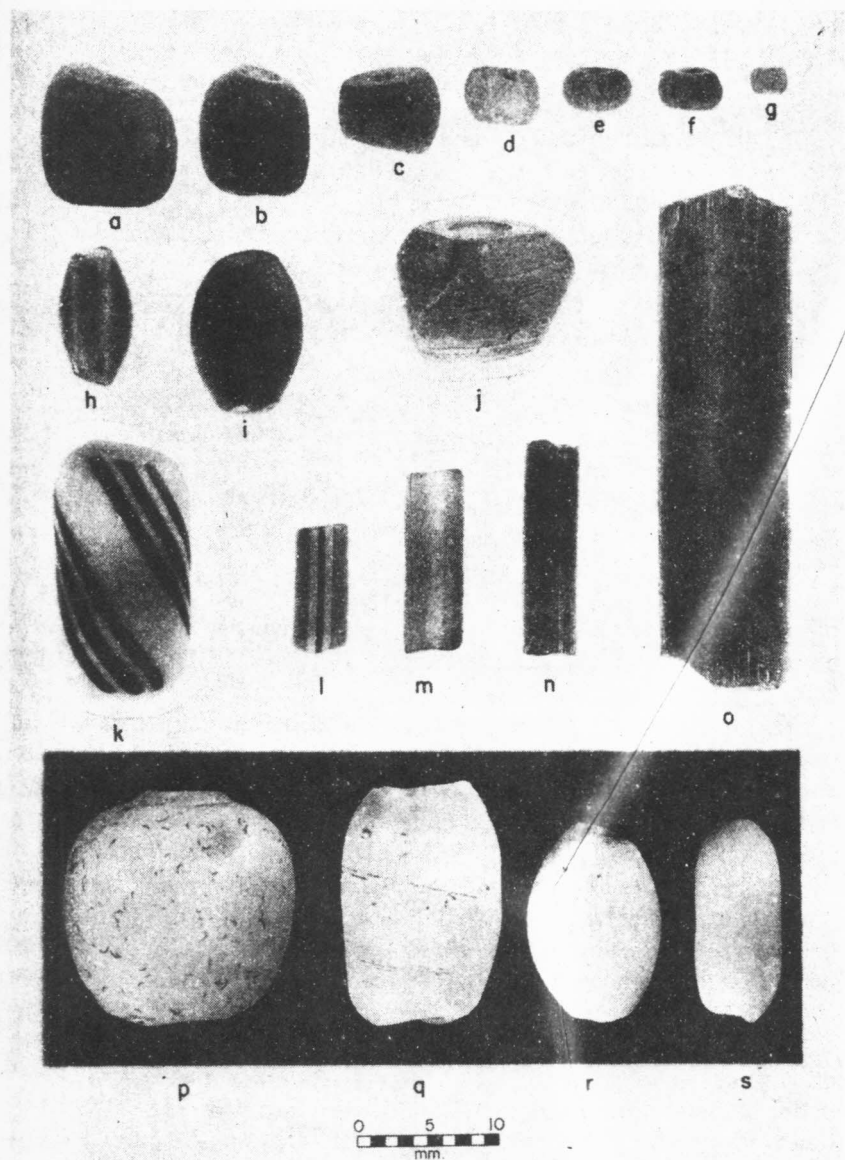


FIGURE 45. Glass beads. This sample is selected to show the range of shapes and sizes. *a-c*, necklace beads; *d-g*, garter beads. *a-c*, Type 10; *d-f*, Type 11; *g*, Type 46; *b*, Type 14; *i*, Type 13; *j*, Type 40; *k*, Type 26; *l*, Type 68; *m*, Type 62; *n*, Type 57; *o*, Type 59; *p*, Type 53; *q*, Type 54; *r*, Type 1; *s*, Type 2.

LEAD BEADS

No. of Specimens: 1

Provenience: Feature 5

This imperfectly spherical lead ball is perforated through the approximate center. It is battered and flattened on one end.

The perforation is round, diminishing in diameter from 2.2 mm. at one end to 1 mm. at the other, thus producing a hole with the shape of a truncated cone. The hole may have been made by hammering a sharp implement into the ball, thus producing the flattened end of the bead, or the hole may have been produced by drilling.

Measurements: diameter parallel to perforation, 10.2 mm.; diameter perpendicular to perforation, 10.6 mm.

GLASS BEADS

No. of Specimens: 3,453

Provenience: see Table 4

Illustrations: Figure 45

Glass beads constituted an important item of trade on the southern plains in the 18th century. A large sample was collected from the Gilbert Site, mainly by washing midden soil from the features through fine-mesh screen.

The beads were classified according to a system originally worked out by Duffield and Jelks (1961: 40-51) and later modified by Harris, Harris, Blaine, and Blaine (1965: 307-315). Under this system beads are classified on the basis of size, color, shape, use, and structure.

Beads are graded by size as follows (all measurements are outside diameter): *small* (0 to 4 mm.), *medium* (4 to 6 mm.), and *large* (more than 6 mm.). A color chart (Bustanoby, 1947: 28-29) was used to designate the color of the beads. The various shapes are described with the same terms used by Harris, Harris, Blaine, and Blaine (1965: 307-315) in their report on the Womack Site. Use is indicated by the terms *necklace* and *garter*. Documentary evidence (Du Pratz, quoted in Swanton, 1911: 56) states that larger beads were used mainly for necklaces, while medium and small ones were used mostly for making colorful designs on skins, garters, and the like.

As to structure, beads were classified as *simple* (one homogeneous piece of glass), *compound* (formed of two or more different-colored concentric layers of glass), and *complex* (decorated with stripes, dots, or other designs). Techniques of manufacture are: *hollow-cane*, *faceted*, and *mandrel-* or *wire-wound*. At the Gilbert Site, bead types 40, 41, 53, and 54 are *mandrel-wound*; types 40 and 41 have facets

that were pressed while the glass was molten; all the others were made by the *hollow-cane* method. The terms *tumbled*, *untumbled*, and *twisted* have the following meanings: *tumbled* – after breaking the hollow canes to the desired length, the broken sections were placed in a heated drum which was rotated, a process that rounded the broken edges; *untumbled* – the beads were not tumbled but were used with their edges sharp; *twisted* – the hollow canes were twisted as they were drawn out.

Descriptions of the bead types from Gilbert follow. The type numbers refer to specific types in a general system of bead classification that has been worked out by R. K. Harris and is soon to be published in its entirety.

TYPE 1: (1 specimen) Large, white, opaque, olive-shaped necklace bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 2: (1 specimen) Large, white, opaque, elongate olive-shaped necklace bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 3: (1 specimen) Large, white, opaque round necklace bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 4: (38 specimens) Large, white, opaque, barrel-shaped necklace bead of compound construction. The inner layer of glass has a porcelain-like texture, while the outer layer has a slightly frosted appearance. Tumbled.

TYPE 5: (79 specimens) Medium, white, opaque, barrel-shaped garter bead of compound construction. The inner layer of glass has a porcelain-like texture, while the outer layer has a slightly frosted appearance. Tumbled.

TYPE 6: (4 specimens) Medium, white, opaque, olive-shaped garter bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 7: (2 specimens) Large, grayish-white, semitranslucent, olive-shaped necklace bead of simple construction. The glass has a frosted appearance. Tumbled.

TYPE 8: (12 specimens) Large, light grayish-white, semitranslucent, donut-shaped necklace bead of simple construction. The glass has a frosted appearance similar to No. 7. Tumbled.

TYPE 9: (3 specimens) Large, Peacock Blue, opaque, elongate olive-shaped necklace bead of simple construction. The glass has fine lines running lengthwise with the bead, giving it a texture reminiscent of stripped sugarcane. Tumbled.

TYPE 10: (56 specimens) Large, Peacock Blue, opaque, barrel-

shaped necklace bead of simple construction. The glass is the same as No. 9. Tumbled.

TYPE 11: (44 specimens) Medium, Peacock Blue, opaque, barrel-shaped garter bead of simple construction. The glass is the same as No. 9. Tumbled.

TYPE 12: (2 specimens) Large, Turquoise Blue, opaque, olive-shaped necklace bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 13: (2 specimens) Large, dark Bluebird Blue, translucent, olive-shaped necklace bead of simple construction. Tumbled.

TYPE 14: (2 specimens) Medium, dark Bluebird Blue, translucent, olive-shaped garter bead of simple construction. Tumbled.

TYPE 15: (5 specimens) Medium, Gobelin Blue, opaque, barrel-shaped garter bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 26: (1 specimen) Large, white, opaque, olive-shaped necklace bead of complex construction. The bead surface is covered with three sets of three blue stripes which are twisted in an S-shape around the bead. The white glass of the bead is porcelain-like in texture. Twisted. Tumbled.

TYPE 40: (1 specimen) Large, Bluebird Blue, translucent, eight-faceted necklace bead of mandrel-wound, pressed facet, simple construction. The surface of the glass sometimes appears to be frosted, probably due to age.

TYPE 41: (1 specimen) Large, milk-glass, eight-faceted necklace bead of mandrel-wound, pressed facet, simple construction. The surface of this bead sometimes appears frosted, probably due to age.

TYPE 44: (1,013 specimens) Small, white, opaque, donut-shaped garter bead of simple construction. The glass has a porcelain-like texture. Tumbled.

TYPE 45: (196 specimens) Small, white, opaque, donut-shaped garter bead of compound construction. The two layers of glass in this bead are the same as those in bead Type 4. Tumbled.

TYPE 46: (511 specimens) Small, Peacock Blue, opaque, donut-shaped garter bead of simple construction. The glass of this bead has the sugarcane-like texture of bead Types 9, 10, and 11. Tumbled.

TYPE 47: (23 specimens) Small, Gobelin Blue, opaque, donut-shaped garter bead of simple construction. The glass has a porcelain-like texture, and is the same glass as No. 15. Tumbled.

TYPE 48: (255 specimens) Small, dark Bluebird Blue, translucent, donut-shaped garter bead of simple construction. The glass in this bead is the same as Nos. 13 and 14. Tumbled.

TYPE 49: (69 specimens) Small, clear, donut-shaped garter bead of simple construction. The glass of this bead is the same as that of Nos. 16, 35, 36, 41, 42 and 43, in which specimens the surface is frosted, apparently due to age. Tumbled.

TYPE 50: (391 specimens) Small, black, opaque, donut-shaped garter bead of simple construction. The glass of this bead is porcelain-like in texture. Tumbled.

TYPE 51: (202 specimens) Small, red, opaque (outer layer), donut-shaped garter bead of compound construction. The outer layer of opaque glass is brick red, and the inner layer is a translucent light green. This bead is generally referred to as "Cornaline d'Aleppo." Tumbled.

TYPE 53: (1 specimen) Large, milk-glass, translucent, round neck-lace bead of mandrel- or wire-wound, simple construction.

TYPE 54: (1 specimen) Large, milk-glass, translucent, olive-shaped necklace bead of wire-wound simple construction.

TYPE 56: (10 specimens) Small, but long (bugle type 9 mm. long and 4 mm. in diameter), Brittany Blue, opaque, tube-shaped, probably a necklace bead, of simple construction. The glass of this bead is porcelain-like in texture. Tumbled.

TYPE 57: (178 specimens) Small, red, opaque (outer layer), tube-shaped necklace bead of compound construction. The outer layer of opaque glass is brick red and the inner layer is a translucent light green. Tumbled.

TYPE 59: (1 specimen) Large, red, opaque (outer layer), tube-shaped necklace bead of compound construction. The outer layer of opaque glass is brick red and the inner layer is a translucent light green. Tumbled.

TYPE 60: (6 specimens) Small, Gobelin Blue, opaque, tube-shaped necklace bead of simple construction. The glass has a porcelain-like texture and is the same glass as No. 15 and No. 47. Tumbled.

TYPE 61: (89 specimens) Small, dark Bluebird Blue, translucent, tube-shaped necklace bead of simple construction. Tumbled.

TYPE 62: (1 specimen) Small, Fern Green, opaque, tube-shaped necklace bead of simple construction. Tumbled.

TYPE 66: (2 specimens) Small, black, opaque, tube-shaped necklace bead of simple construction. The glass of this bead is porcelain-like in texture. Untumbled.

TYPE 67: (3 specimens) Small, red, opaque (outer layer), tube-shaped necklace bead of complex construction. The surface of the bead is covered with three evenly spaced sets of stripes, each of

TABLE 4.
TABLE 4 (Continued)
Provenience of glass beads.
FEATURE

<i>Bead Type</i>	1	2	3	4	5	6	7	8	10	11	12	15	16	<i>Sur- face</i>	<i>Total</i>
67		2				1									3
68						1									1
69					1										1
76	4	1	7		1	2	1								16
77	6		6		5	1	2								20
78	3	2		1	1		1								8
79	10	1	12		3	2	1		1						30
80	9	1				1									11
81	7	3	4	1											15
82	2	1	2			1									6
83	27	3	18	1	6		1								56
84	2	1			3										6
85					1										1
86	2	1					1								4
87	1				1	1			1						4
164	6	18	14	3	11	3	3	2	1		6				67
TOTAL	1229	354	1038	110	395	203	61	10	10	1	33	3	1	5	3453

covered with nine alternating red and white stripes which run parallel to the long axis of the bead. Tumbled.

TYPE 76: (16 specimens) Large, black, opaque, donut-shaped necklace bead of simple construction. The glass is porcelain-like in texture. Tumbled.

TYPE 77: (20 specimens) Large, dark Bluebird Blue, translucent, donut-shaped necklace bead of simple construction. The glass of this bead is the same as Type No. 13. Tumbled.

TYPE 78: (8 specimens) Medium, pearly-white, opaque, donut-shaped necklace or garter bead of simple construction. Tumbled.

TYPE 79: (30 specimens) Small, Sky Blue, opaque, donut-shaped garter bead of simple construction. Tumbled.

TYPE 80: (11 specimens) Small, Peacock Blue, translucent, donut-to barrel-shaped garter bead of simple construction. Tumbled.

TYPE 81: (15 specimens) Small, Colonial Yellow to Brass colored, opaque, donut-shaped garter bead of simple construction. The bead has a sugar cane-like texture. Tumbled.

TYPE 82: (6 specimens) Small, Colonial Yellow to Brass colored, translucent, donut-shaped garter bead of simple construction. Tumbled.

TYPE 83: (56 specimens) Small, Emerald Green, translucent, donut-shaped garter bead of simple construction. Tumbled.

TYPE 84: (6 specimens) Small, Emerald Green, opaque, donut-

shaped garter bead of simple construction. The glass of this bead sometimes has a cane-like texture. Tumbled.

TYPE 85: (1 specimen) Large, Emerald Green, translucent, barrel-shaped necklace bead of simple construction. Tumbled.

TYPE 86: (4 specimens) Large, brick red, opaque, donut-shaped necklace bead of compound construction. The outer layer of glass is brick red, and the inner layer is translucent light green. This bead is generally referred to as "Cornaline d'Aleppo." Tumbled.

TYPE 87: (4 specimens) Small, brick red over red, opaque, donut-shaped garter bead of compound construction. Tumbled.

TYPE 164: (67 specimens) Medium, Bluebird Blue, translucent, barrel-shaped garter bead of simple construction. Tumbled.

Remarks: The 51 bead types found at the Gilbert Site exhibit a style range thought to be characteristic of 18th-century trade beads in the southern plains. More specifically, it may be estimated on a basis of bead styles that the major occupation of the Gilbert Site was between 1740 and 1770.