

Appendix A

Bottles from the Early El Paso Dairies

Bottles from the El Paso Dairy Co., Inc. (1897-1927)

Type 1 – EL PASO DAIRY CO. / PURE MILK AND CREAM/ TELEPHONE 156

Variation A: pint

Method of Manufacture: Two-Piece Mold

Color: Solorized Amythest

Size (in cm.): 7" (h); 3" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical

Front Description

Shoulder: Bare

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM (slight arch) / TELEPHONE 156 (arch)

Back Description

Body: Embossed - TO BE WASHED / AND RETURNED / NOT TO BE BOUGHT OR SOLD (last line in smaller letters)

Base: Embossed - CREAMERY PACKAGE MFG. CO. (arch) / • / IDEAL (LARGE letters – horizontal in center) / • / CHICAGO (inverted arch)

Manufacturer: Creamery Package Mfg. Co. (ca. 1903-ca. 1920)

Dating: [ca. 1903-ca. 1908] Creamery Package Manufacturing Co. was a distributor rather than a manufacturer, offering both Acme and Ideal bottle styles.

Collection(s): Author's collection.

Variation B: quarter-pint

Method of Manufacture: Two-Piece Mold

Color: Solorized Amythest

Size (in cm.): 3 3/4" (h); 2 1/8" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: ¼ pt.

Overall Bottle Design: Cylindrical

Front Description

Shoulder: Bare

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM (slight arch) / TELEPHONE 156 (arch)

Back Description

Body: Bare

Base: Embossed - CREAMERY PACKAGE MFG. CO (arch) / #2 / IDEAL (both horizontal in center with a large crescent to left) / • / CHICAGO (inverted arch)

Manufacturer: Crescent Milk Bottle Mfg. Co. (ca. 1905-1920)

Dating: [ca. 1903-ca. 1908] Creamery Package Manufacturing Co. was a distributor rather than a manufacturer, offering both Acme and Ideal bottle styles.

Collection(s): Author's collection.

Variation C: half-pint

Method of Manufacture: Two-Piece Mold

Color: Colorless (slight amethyst tinge)

Size (in cm.): 5¼" (h); 2½" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: ½ pt.

Overall Bottle Design: Cylindrical; ACME variations have a slightly different shape, with more rounded heels and shoulders than the IDEAL

Front Description

Shoulder: Bare

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM slight arch) / TELEPHONE 156 (arch) [Note: "CREAM" begins in letters slightly larger than "AND" then gradually increases in size.]

Back Description

Body: Embossed - WASH / AND RETURN

Base: Embossed - THE CREAMERY PACKAGE MFG. CO. (arch) / ACME (horizontal in center) / CHICAGO (inverted arch)

Manufacturer: Creamery Package Mfg. Co. (ca. 1905-1920)

Dating: [ca. 1903-ca. 1908] Creamery Package Manufacturing Co. was a distributor rather than a manufacturer, offering both Acme and Ideal bottle styles.

Collection(s): Author's collection.

Variation D: quart

Same but no embossing on shoulder – uses ampersand (&) instead of "AND" author's collection.

Variation E: quart

Method of Manufacture: Two-Piece Mold

Color: Solorized Amythest; Colorless

Size (in cm.): 9" (h); 3 3/4" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 qt.

Overall Bottle Design: Cylindrical

Front Description

Shoulder: ONE QUART

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM (slight arch) / TELEPHONE 156 (inverted arch)

Back Description

Body: Embossed - WASH / AND RETURN

Base: Embossed - CREAMERY PACKAGE MFG. Co. (arch) / ACME (horizontal in center) / CHICAGO (inverted arch) [Note: lower-case “o” in “Co”]

Manufacturer: Creamery Package Mfg. Co. (ca. 1905-1920)

Dating: [ca. 1903-ca. 1908]

Collection(s): Rick Chavez collection.

Variation F: pint

Method of Manufacture: Two-Piece Mold

Color: Solorized Amythest

Size (in cm.): 7" (h); 3" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical; ACME variations have a slightly different shape, with more rounded heels and shoulders than the IDEAL

Front Description

Shoulder: Embossed - ONE PINT

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM (slight arch) / TELEPHONE 156 (arch)

Back Description

Body: Bare

Base: Embossed - CREAMERY PACKAGE MFG. CO. (arch) / ACME (horizontal in center) / • / CHICAGO (inverted arch)

Manufacturer: Creamery Package Mfg. Co. (ca. 1905-1920)

Dating: [ca. 1903-ca. 1908] Creamery Package Manufacturing Co. was a distributor rather than a manufacturer, offering both Acme and Ideal bottle styles.

Collection(s): Author’s collection.

Variation G: quarter-pint

Method of Manufacture: P&B Machine

Color: Colorless

Size (in cm.): 3 3/4" (h); 2" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat [Note: Crudely machine made; finish is offset to left.]

Capacity: ¼ pt.

Overall Bottle Design: Cylindrical

Front Description

Shoulder: Embossed - ¼ PINT

Body: Embossed - (plate) EL PASO DAIRY CO. (arch) / PURE MILK AND (smaller than other words) CREAM (slight arch) / TELEPHONE 156 (arch)

Heel: Embossed - three dots in a row

Back Description

Body: Bare

Base: Bare (ejection scar)

Manufacturer: unknown

Dating: [ca. 1903-ca. 1908]

Collection(s): Author's collection.

Type 2 – HYBRID – EL PASO DAIRY / CO. / PURE MILK & CREAM / TELEPHONES / BELL340AUTO1156

Variation A: quarter pint

Method of Manufacture: P&B Machine

Color: Colorless

Size (in cm.): 9.2 cm. [3 5/8"] (h); 5.7 cm. [2 ¼"] (d); 3.5 cm. [1 3/8"] throat; 4.0 cm. [1 11/16"] cap seat

Primary Labeling Style: Embossed

Finish: Cap Seat (but has wire bales for tin top)

Capacity: ¼ pt.

Overall Bottle Design: Cylindrical with plate

Front Description

Shoulder: Bare

Body: Embossed in circular plate - EL PASO DAIRY (arch) / CO. (horizontal) / PURE MILK & CREAM (slight arch) / TELEPHONES (horizontal) / BELL340AUTO1156 (inverted arch)

Heel: Embossed - 1/4 PT.

Back Description

Shoulder: Bare

Body: Bare

Heel: Bare

Base: Bare (ejection scar)

Manufacturer: Unknown

Dating: [ca. 1906-1907] Intermediate bottle between Type 1 and Type 2.

Collection(s): Author's collection.

Type 3 – EL PASO DAIRY / PHONES / BELL340AUTO1156 / PURE / MILK & CREAM

Variation A: half-pint

Method of Manufacture: P&B Machine

Color: Amythest

Size (in cm.): 4 1/4" (h); 2 1/2" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1/2 pt.

Overall Bottle Design: Cylindrical with plate

Front Description

Shoulder: Bare

Body: Embossed in circular plate - EL PASO DAIRY (arch) / PHONE / BELL340AUTO1156 / PURE (all horizontal) / MILK & CREAM (inverted arch)

Heel: Embossed - 122

Back Description

Shoulder: Bare

Body: Bare

Heel: Embossed - WASH / AND RETURN

Base: Embossed - BLANKE & HAUKE (arch) / SPECIAL (inverted arch)

Manufacturer: Blanke & Hauk (1903-1911).

Dating: [ca. 1907-1911] The Auto telephone service was first listed in 1907 and was discontinued in 1913.

Collection(s): Author's collection.

Variation B: quart

Method of Manufacture: P&B Machine

Color: Amythest

Size (in cm.): 9" (h); 3 3/4" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 qt.

Overall Bottle Design: Cylindrical with plate

Front Description

Shoulder: Embossed - ONE QUART (slight arch)

Body: Embossed in circular plate - EL PASO DAIRY (arch) / PHONES / BELL340AUTO1156 / PURE (all horizontal) / MILK & CREAM (inverted arch)

Heel: Embossed - 75

Back Description

Shoulder: Bare

Body: Bare

Heel: Embossed - WASH / AND RETURN

Base: Embossed - BLANKE & HAUK (arch) / SPECIAL (inverted arch)

Manufacturer: Blanke & Hauk (1903-1911).

Dating: [ca. 1907-1913] The Auto telephone service was first listed in 1907 and was discontinued in 1913.

Collection(s): Author's collection.

Variation C: quarter-pint

Method of Manufacture: P&B Machine

Color: Amythest

Size (in cm.): 3 7/8" (h); 2 1/8" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: ¼ pt.

Overall Bottle Design: Cylindrical with plate

Front Description

Shoulder: Embossed - 1/4 PINT

Body: Embossed in circular plate - EL PASO DAIRY (arch) / PHONES / BELL340AUTO1156 / PURE (all horizontal) / MILK & CREAM (inverted arch)

Heel: Embossed - 137

Back Description

Shoulder: Bare

Body: Bare

Heel: Embossed - WASH / AND RETURN

Base: Embossed - C.B.CO in ejection scar

Manufacturer: Charles Boldt Co. (ca. 1905-1919)

Dating: [ca. 1907-1913] The Auto telephone service was first listed in 1907 and was discontinued in 1913.

Collection(s): Author's collection.

Type 4 – EL PASO / DAIRY / CO.

Variation A: pint

Method of Manufacture: Owens Machine

Color: Colorless

Size (in cm.): 7 1/8" (h); 3" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical with plate and 1" long embossed vertical ribs at the neck

Front Description

Body: Embossed in circular plate - EL PASO / DAIRY / CO.

Heel: Bare

Back Description

Body: Bare

Heel: Embossed - 1 PT.

Base: Embossed - T.M'F'G CO / 12 (Owens scar)

Manufacturer: Thatcher Manufacturing Co. (1890s-1919)

Dating: [1912]

Variation B: pint

Method of Manufacture: Owens Machine

Color: Solarized Amythest

Size (in cm.): 7" (h); 3" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical with plate and 5/8" long embossed vertical ribs at the neck

Front Description

Body: Embossed in circular plate - EL PASO / DAIRY / CO.

Heel: Bare

Back Description

Body: Embossed - ANY PERSON USING / THIS BOTTLE EXCEPT / THE RIGHTFUL OWNERS / SUBJECT TO FIFTY / DOLLARS FINE ACCORDING / TO CITY ORDINANCE

Heel: Embossed - 1 PT.

Base: Bare (Owens scar)

Manufacturer: Thatcher Manufacturing Co. (1904s-ca. 1920s)

Dating: [ca. 1910-1916] Only Thatcher had the license to make milk bottles using the Owens Automatic Bottle Machine, and this bottle has a classic Owens scar. However, there is not even a ghost of manufacturer's mark. Even prior to the use of date codes, Thatcher used one of its logos. This must have been an engraver's error.

Variation C: half-pint

Method of Manufacture: Owens Machine

Color: Solarized Amythest

Size (in cm.): 5 1/8" (h); 2 1/2" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1/2 pt.

Overall Bottle Design: Cylindrical with plate and 5/8" long embossed vertical ribs at the neck

Front Description

Body: Embossed in circular plate - EL PASO / DAIRY / CO.

Heel: Bare

Back Description

Body: Embossed - ANY PERSON USING / THIS BOTTLE EXCEPT / THE RIGHTFUL OWNERS / SUBJECT TO FIFTY / DOLLARS FINE ACCORDING / TO CITY ORDINANCE

Heel: Embossed - 1/2 PT.

Base: Embossed - T.M'F'G CO / 16 (Owens scar)

Manufacturer: Thatcher Manufacturing Co. (1890s-1919)

Dating: [1916]

Variation D: pint

Method of Manufacture: P&B Machine

Color: Colorless

Size (in cm.): 7 3/8" (h); 3" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical with 1" long embossed vertical ribs at the neck

Front Description

Body: Embossed - EL PASO / DAIRY / CO. (no plate)

Heel: Embossed - E 4

Back Description

Body: Embossed - ANY PERSON USING / THIS BOTTLE EXCEPT / THE RIGHTFUL OWNERS / SUBJECT TO FIFTY / DOLLARS FINE ACCORDING / TO CITY ORDINANCE

Heel: Embossed - 1 PT. / 1 [a second example had a 2]

Base: Bare (ejection scar)

Manufacturer: Essex Glass Co. (ca. 1913-1920)

Dating: [prob. 1917-1924]

Variation E: pint

Method of Manufacture: Machine

Color: Colorless

Size (in cm.): 7 ¼ " (h); 3 1/8" (d)

Capacity: 1 pt.

Overall Bottle Design: Cylindrical with plate and 1" long embossed vertical ribs at the neck

Front Description

Body: Embossed in circular plate - EL PASO / DAIRY / CO.

Heel: Embossed – L.G.

Back Description

Heel: Embossed - 4

Base: Bare (ejection scar)

Manufacturer: Liberty Glass Co. (1924-1931)

Dating: [ca. 1924-1926]

Variation F: pint

Method of Manufacture: Machine

Color: Colorless

Size (in cm.): 5 ¼ " (h); 2 5/8" (d)

Capacity: ½ pt.

Overall Bottle Design: Cylindrical with plate and 2/8" long embossed vertical ribs at the neck

Front Description

Body: Embossed in circular plate - EL PASO / DAIRY / CO.

Heel: Embossed – L.G.

Back Description

Body: Bare

Heel: Embossed - 4

Base: Bare (ejection scar)

Manufacturer: Liberty Glass Co. (1924-1931)

Dating: [ca. 1924-1926]

Type 5 – PROPERTY OF / EL PASO / DAIRY / COMPANY / EL PASO, TEX.

Variation A – quart

Method of Manufacture: Machine

Color: Colorless

Size (in cm.): 9" (h); 3 3/4" (d)

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 qt.

Overall Bottle Design: Cylindrical with 1 1/4" long embossed vertical ribs at the neck

Front Description

Body: Embossed - PROPERTY OF (arch) / EL PASO / DAIRY / COMPANY / EL PASO, TEX.

Heel: Embossed - L.G.

Back Description

Body: Embossed - ONE QUART

Heel: Embossed - I

Base: Barr (ejection scar)

Manufacturer: Liberty Glass Co. (1924-1931)

Dating: [1924-1926]

Collection(s): Author's collection.

Type 6 – EL PASO DAIRY CO. / CERTIFIED MILK / IS / CLEAN / MILK / IT WILL SAVE LIVES / W[HERE CL]EANLINESS IS SUPREME

Variation A – quart

A large colorless glass fragment represents a sixth style of El Paso Dairy Co. bottle. The fragment contains what appears to be a plate within a plate. Plates (also called plate molds or slug plates) are small molded plates in the sides of regular bottle molds (either two-piece or machine molds) that are cheaper and easier to change than buying a whole new mold when the lettering wears out. Above the plate is embossed ONE QUART. The inner plate is shaped like a fat football (oval with pointed ends) and is embossed CERTIFIED MILK (inverted arch) / IS / CLEAN / MILK (horizontal) / IT WILL SAVE LIVES (arch). The outer plate a horizontal oval and is embossed EL PASO DAIRY CO. (inverted arch) across the top and W. . .EANLINESS IS SUPREME (inverted arch) across the bottom (. . . represents the break in the glass). Thus far, I have found no complete bottles of this type, but a metal Dacro cap auctioned on eBay suggests that these bottles had Dacro finishes.

Collection: Sacramento Mountains Historical Museum, Cloudcroft, NM.

Cover

Thin, steel cap (5.7 cm. diameter) with two opposing “ears” that clamp to the finish. Covers finish but does not seal; requires a paper cap seated in cap seat. Stamped - EL PASO / DAIRY COMPANY / PHONE 340 / EL PASO, TEXAS.

Bottles from the American Dairy (1903-1922)

Type I – Mouth Blown

Method of Manufacture: Two-Piece Mold

Color: Colorless (light purple tint)

Size (in cm.): 17.2 (h); 7.7 (d); 3.6 throat; 4.1 cap seat

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical

Front Description

Shoulder: Embossed - ONE PINT

Body: Embossed (plate) - AMERICAN DAIRY CO. (arch) / ED. L. MILLICAN / MANAGER
(both horizontal) / TEL. 402 (inverted arch)

Heel: Bare

Back Description

Shoulder: Bare

Body: Bare

Heel: Bare

Base: Embossed - CREAMERY PACKAGE MFG.CO. (inverted arch) / ACME (horizontal) / . /
CHICAGO (arch)

Manufacturer: Creamery Package Mfg. Co. (ca. 1905-1920)

Dating: [1903-1912]

Collection(s): Author's collection.

Type II – Owens-Machine Made

Method of Manufacture: Machine

Color: Colorless (light purple tint)

Size (in cm.): 18.2 (h); 7.7-7.8 (d); 3.6 throat; 4.2 cap seat

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt. [fragments from another bottle indicate that the dairy also used half pint bottles – the fragments were almost certainly from this style of American Dairy Co. bottles]

Overall Bottle Design: Cylindrical

Front Description

Shoulder: Embossed - ONE PINT [half pints probably were embossed HALF PINT in a inverted arch - fragment]

Body: Embossed (plate) - AMERICAN DAIRY / EL PASO, TEX. (both horizontal) [fragments suggest that a half-pint bottle probably carried the same embossing]

Heel: Bare

Back Description

Shoulder: Bare

Body: Bare

Heel: Bare

Base: Embossed - TM'F'G CO. / 15 (with Owens scar)

Manufacturer: Thatcher Manufacturing Co. (1890s-1919)

Dating: [1915] When A.H. Hughes purchased the firm, probably in early 1915, he adopted this bottle style. He may have switched to generic bottles, or he may have upgraded this style periodically until the company closed ca. 1922. The only example I have seen had a date code for 1915.

Collection(s): Author's collection.

Bottles from the Texas Dairy (1908-1916)

Method of Manufacture: Machine

Color: Colorless (with light pink tint - poss. solarized)

Size (in cm.): 17.9 (h); 7.8 (d); 3.6 throat; 4.1 cap seat

Primary Labeling Style: Embossed

Finish: Cap Seat

Capacity: 1 pt.

Overall Bottle Design: Cylindrical with 22 evenly spaced vertical panels

Front Description

Body: Embossed plate - TEXAS DAIRY CO. (inverted arch) / PHONE 6480 (horizontal) / EL PASO, TEXAS (arch)

Heel: Bare

Back Description

Body: Bare (vertical panels)

Heel: Embossed - ONE PINT

Base: Embossed - T.M'F'G CO / 15 (Owens scar)

Manufacturer: Thatcher Manufacturing Co. (1890s-1919) (Giarde 1980:112)

Dating: [1915] Thatcher was using dates on bottle bases by late 1909; however, the only listings for the Texas Dairy Co. were in 1913 and 1916.

Collection(s): Author's collection.

