Appendix H: Construction Diagrams for All Wells
Soil Type and Lithology

Elev. 422.9 ft
Soil type is Loring, moderately drained; fragipan present 24 to 48 in. below land surface. Loess deposits are present from 422.9 to 396.4 ft (26.5 ft), very fine sand to clay.

Elev. 362 ft
Sandy clay present from 396.4 to 362 ft (34.4 ft)

Elev. 303.1 ft
Sandstone present from 362 ft to 352 ft (10 ft)

Sandy shale present from 352 to 303.1 ft (48.8 ft)

Diagram not to scale
Soil Type and Lithology

Soil type is Memphis, well drained; no fragipan present.

Loess deposits are present from 423.9 to 391.9 ft (32 ft), very fine sand to clay.

Sandstone present from 391.9 ft to 363.5 ft (28.4 ft), weathered at top; fine to coarse quartz sand; iron concretions are present; and coal coal spar is present at bottom of sand.

Shale present at 363.5 ft.

Diagram not to scale
Soil Type and Lithology

Soil type is Loring, moderately drained; fragipan present 24–48 in. below land surface. Loess deposits present from 424.2–397.2 ft (27 ft), very fine sand to clay.

Sandstone present from 397.2–369.9 ft (27.3 ft), weathered at top, fine to coarse quartz sand; iron concretions present; coal spar present at bottom of sand.

Shale present at 369.9 ft.

Diagram not to scale
Soil Type and Lithology

Soil type is Memphis, well drained, no fragipan present.

Loess deposits present from 433.7–400.4 ft (33.3 ft); very fine sand to clay.

Sandstone is present from 400.4 ft to depth (33 ft), weathered at top, fine to coarse quartz sand; iron concretions are present.

Domestic Well 9 (DW09)
Diagram not to scale
Soil type is Memphis, well drained, no fragipan present.

Loess deposits present from 436–403 ft (33 ft); very fine sand to clay.

Sandstone is present from 403 ft to depth (33.75 ft), weathered at top, fine to coarse quartz sand; iron concretions are present.

Diagram not to scale
Soil type is Loring, poor to moderately drained; fragipan present between 24 and 48 in. below land surface.

Loess deposits present from 419–401.2 ft (17.8 ft); very fine sand to clay.

Sandstone is present from 401.2–365.7 ft (35.5 ft), weathered at top, fine to coarse quartz sand; iron concretions are present.
Soil Type and Lithology

Soil type is Memphis, well drained; no fragipan present.

Loess deposits present from 430.3–398.7 ft (31.6 ft); very fine sand to clay.

Sandstone is present from 398.7 ft to depth (36.1 ft), weathered at top, fine to coarse quartz sand; iron concretions are present.

Domestic Well 12 (DW12)
Diagram not to scale