

August 5, 1976

Site No. 7

Test holes for replacement bridge on West Sims Creek on south line
SE, Sec. 33, T.20S., R.1W., Meriwether County, Kansas

1, 55 ft. east and 10 ft. south of center of existing bridge. Top hole Elev. 1503.8
Depths listed in feet below land surface

alluvium:

0	7	Silt, sandy, dark gray and fill gravel
7	8	Sand, medium to fine
8	22	Clay, gray and light blue-gray; contains sand and gravel
22	26	Gravel, fine to medium and sand

Meriwether fm:

26	32	Clay, compact, buff and white, partly slightly cemented by calcite. (3 tons/sq ft.)
32	40	Gravel, fine and sand, loose
40	50	Gravel, fine to medium and sand, loose, contains thin zones of clay, buff
50	59	Clay, compact, buff and white; partly slightly cemented by calcite

5	60.5	Gravel, fine to medium and sand
---	------	---------------------------------

60.5	62.5	Clay, buff
------	------	------------

Meriwether fm:

62.5	70	Shale, fairly firm, brittle, maroon, gray and green (6 tons/sq ft.)
------	----	---

2, 55 ft. west and 7 ft. north of center of existing bridge. Top hole Elev. 1504.0
alluvium:

0	7	Silt, sandy, dark gray
7	11	Gravel, fine and sand
11	16	Clay, sandy, gray and blue

16	21	Gravel, fine to medium and sand
21	24	Clay, sandy, gray

Meriwether formation:

24	29	Clay, compact, buff and white, partly slightly cemented by calcite (2 tons/ft)
29	30	Gravel, fine and sand
30	38	Clay, compact, buff and white, partly slightly cemented by calcite (2 tons/ft)

38	55.5	Gravel, medium and sand
----	------	-------------------------

55.5	67	Clay, compact, buff, partly cemented by calcite (3 tons/sq ft.)
------	----	---

Meriwether fm:

67	70	Shale, brittle, red and green (6 tons/sq ft.)
----	----	---