

N Road shoulder 0.45 mi East of Section corner

11670

47 test holes

County Brown Field No. 4-15-35-CD Report No. Total Depth 120 ft.

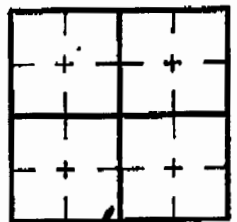
DRILLER'S LOG

AND

STATE GEOLOGICAL SURVEY OF KANSAS

SE SE SW

SE 1/4 SW 1/4 sec 35 T 4 N 15 R 15 E W Local description North road shoulder .45 mile east of SW corner sect. 35



Altitude 1160.6 feet; Elevation ... Topographic situation: Upland side slope, terrace, flood plain, ravine, ... Geologist-Party chief K.L. Walters Driller W.T. Connor Asst. driller ... Date started Nov. 30 '98 Date completed Nov. 30 Cores taken (Intervals) ...

WATER SAMPLES

WATER LEVELS

Interval ... Method ... Yield ... Appearance ... Temp. °F ... Tape held 22.00 Tape wet 3.34 Depth to water 18.66 ft. Date Dec. 2 Time AM

Table with 4 columns: DESCRIPTION OF MATERIAL, THICKNESS (feet), DEPTH (feet), DRILLING CHARACTER AND REMARKS. Contains 16 rows of geological data with handwritten annotations.

62 1/2

73 1/2 11 62 1/2

1160 115 7045

Bob Vincent

Lana Combes, USGS

North Mues

Bayne and Schoewe—Geology and Ground-Water Resources of Brown County, Kansas

1967
Depth, feet
36
37
50
50.1
or. sec. south side of road
0 feet
Depth, feet
3.5
13.5
18.5
23.5
28.5

4-15-13bbb.—Sample log of test hole in NW cor. sec. 13, T 4 S, R 15 E, in triangle on road to east; augered August 26, 1960. Altitude of land surface, 1,130.0 feet; depth to water, 28.4 feet.

Thickness, feet	Depth, feet
Silt, clayey, gray; contains some gravel	6
Clay, gray to dark-gray; contains some gravel	11

QUATERNARY SYSTEM

PLEISTOCENE SERIES

Kansan Stage

Glacial drift

Thickness, feet	Depth, feet
Silt, gray and brown	5
Silt, clayey, brown	2
Silt, reddish-brown	2
Clay, gray and brown	7
Silt, clayey, very sandy, reddish-brown	3
Sand, fine to coarse, silty, reddish-brown; some gravel	3
Clay, tan	3
Clay, tan, brown, and fine to coarse gravel	6
Clay, brown	14
Clay, gray and brown; contains some gravel	7

PERMIAN SYSTEM

LOWER PERMIAN SERIES

Gearyan Stage

Admire Group

Shale, dark-gray	1	53
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4-15-20dad.—Sample log of test hole in SE NE SE sec. 20, T 4 S, R 15 E, on west road shoulder 600 feet south of half-mile line; augered August 16, 1960. Altitude of land surface, 1,070.0 feet; depth to water, 8.5 feet.

Thickness, feet	Depth, feet
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QUATERNARY SYSTEM

PLEISTOCENE SERIES

Wisconsinan Stage

Terrace deposits

Thickness, feet	Depth, feet
Silt, black to dark-gray	7
Silt, grayish-brown	2
Silt, brown to tannish-brown ..	14
Silt, dark-gray	12
Silt, clayey, black	10
Clay, black; contains very coarse gravel and cobbles	2

PERMIAN SYSTEM

LOWER PERMIAN SERIES

Gearyan Stage

Council Grove Group

Shale, dark-gray	0.5	47.5
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4-15-33ccc.—Sample log of test hole in SW cor. sec. 33, T 4 S, R 15 E, on east road shoulder at north end of field; augered August 16, 1960. Altitude of land surface, 1,109.0 feet; depth to water, 45.4 feet.

Thickness, feet	Depth, feet
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QUATERNARY SYSTEM

PLEISTOCENE SERIES

Wisconsinan Stage

Terrace deposits

Thickness, feet	Depth, feet
Silt, grayish-brown	6
Silt, clayey, gray	6
Silt, tan; contains some gravel ..	6
Silt, tan, and light-gray clay; contains some gravel	5
Silt, clayey, grayish-brown	6

PERMIAN SYSTEM

LOWER PERMIAN SERIES

Gearyan Stage

Council Grove Group

Shale, gray	2	48
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4-15-35cdd.—Sample log of test hole in SE SE SW sec. 35, T 4 S, R 15 E, on north road shoulder 0.45 mile east of section corner; drilled November 30, 1948. Altitude of land surface, 1,160.6 feet; depth to water, 18.66 feet.

Thickness, feet	Depth, feet
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QUATERNARY SYSTEM

PLEISTOCENE SERIES

Kansan Stage

Glacial drift

Clay and silt, compact, dark-gray	4	4
Clay, tan, and fine to medium sand	2	6
Clay, pinkish-gray	5	11
Clay, tan and light-gray	9	20
Clay, tan, and fine sand; some limestone gravel	5	25
Clay, tan and gray, some fine sand	9	34
Clay, tan, and fine to coarse sand	16	50
Clay, tan; contains some fine to coarse gravel	23.5	73.5
Sand and gravel, fine to coarse; clayey at top, blue	6.5	80
Sand and gravel, fine to coarse ..	15	95
Clay, sandy, bluish-gray	11	106
Sand, medium to coarse	9	115

PERMIAN SYSTEM

LOWER PERMIAN SERIES

Gearyan Stage

Admire Group

Shale, light-gray, and thin limestone zones	5	120
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4-16-26daa.—Sample log of test hole in NE NE SE sec. 26, T 4 S, R 16 E, 20 feet south and 6 feet west of center of road at half-mile line; augered August 15, 1960. Altitude of land surface, 1,106.5 feet; depth to water, 18.8 feet.

Thickness, feet	Depth, feet
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QUATERNARY SYSTEM

PLEISTOCENE SERIES

Wisconsinan Stage

Eolian silt deposits

Silt, black grading to tannish-brown	5	5
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Kansan Stage

Glacial drift

Silt, brown; contains some fine sand	7	12
Sand, fine to coarse; contains much silt	9	21
Sand, fine to coarse; contains some tan silt	5	26
Silt, gray, very sandy	7	33

NE SE at tree
Altitude 2.0 feet
Depth, feet

5
7
9

14

20

27

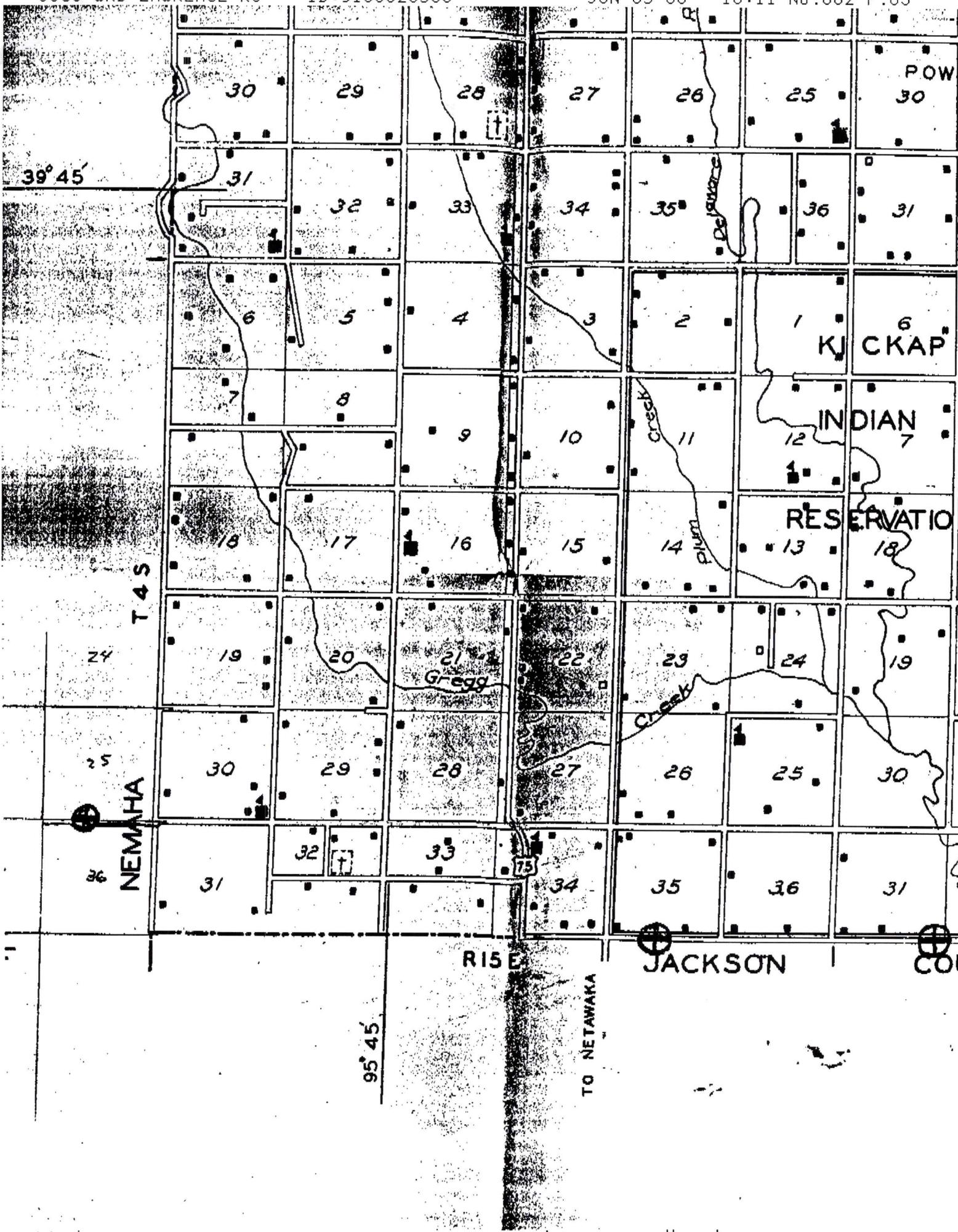
38

47

56

57

57.2



39° 45'

T 4 S

NEMAHA

R 15 E

JACKSON

COWLEY

95° 45'

TO NETAWAKA

POW 30

KJ CKAP

INDIAN 7

RESERVATION

Gregg

Indian Creek
Plum Creek

24

25

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35

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31



United States Department of the Interior
 U.S. Geological Survey
 Water Resources Division
 4821 Quail Crest Place
 Lawrence, Kansas 66049-3839

DATE: June 5, 2000

TELEPHONE: 785-842-9909

FAX: 785-832-3500

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 (INCLUDING COVER)

TO: Name: Dan Suchy
 TELEPHONE: 764-2160 FAX: 764-5317

FROM: Name: Cristi Hansen
 TELEPHONE: 832-3546 EMAIL: chansen@usgs.gov

COMMENTS: Here are drillers log & map showing
location of well in 045-15E-35-CD.
Good luck with your water search.