

TRANSMITTED FOR ADP

Recorded by jc
Date 4/3/87
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. K20
E-Log No. 25
County Pontotoc

WELL RECORD

GEN SITE DATA

Site Id 3406080890711101 R=0* T=A* 2=W* Data reliab. 3=1* C U

Dist. 6=28* State 7=28* Co. 8= Lat. Long. 9= 340600 890712

Well NO. 12= Location S 29 T 11 S R 02 E Alt. 16= 365

Hyd. Unit (OWDC) 20= Date 21= (YYYYMMDD) 17= M

Agency Use 803= Well Use 23= W Water Use 24= P Hole depth 27= 1720.1 Well depth 28= 3910.1

W. 30= 1104.1 Date 31= 1198711061118 Source 33= D Flow 37=

Project No. 5= PRIMARY Ac. 714-211 RPLY

LIFT

R=42* T=A* 254#1* Date 38= 1198711061118 Lift Type 43# TT Intake 44=

Power Type 45= E H.P. 46= 25

CONSTR.

R=58* T=A* 723#1* Date 60= 1198711061118 Drlg 63= 053 Name T.M. PARKS

Method 65= H Finish 66= S Remarks

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# 0 Bot. csng 78= 1358 Diam. 79# 10

R=76* T=A* 725#2* 59#1* Top csng 77# 320 Bot. csng 78= 1360 Diam. 79# 4

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 360 Bottom 84= 3910 Type 85= S

Diar. 87= 4 Size 88=

R=82* T=A* 726#2* 59#1* Top 83# Bottom 84= Type 85=

87= 88=

AQUIFERS

R=90* T=A* 721#1* Top 91= 340 Bot. 92= 410 Unit Id 93= 211 RPLY

R=90* T=A* 721#2* Top 91= Bot. 92= Unit Id 93=

HYDRAULICS

R=98* T=A* 99#1* Unit tested 100= 103=

R=105* T=A* 99#1* Test No. 106# 107= Transmissivity (gal/d)/ft

108= Storage coeff Boundaries

ANAL. R=114* T=A* 706= | | | | * Year 115# | | | | | * 117= | | | | | * 120= | | | | | *

R=121* T=A* Yr Begin 115# | | | | | * Network 257# | | | | | *

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= | | | | | | | | | | | | | | | * 150= | | | | | | | | | | | *
Q/S 272= | | | | | | | | | | | *

OWNER R=158* T=A* 718#1* Date 159# | | | | | | | | | | | | | | | * Owner No. Washington
Owner 161# H I O W L I K I A | | | | | | | | | | | | | | | * Town of New Howka

UPPER ID R=189* T=A* 736#1* E-Log No. 190# | | | | | | | | | | | * 191= M I S S I S S I D I S T * | | | | | | | | | | | *

FIELD QW R=192* T=A* 738#1* Date 193# | | | | | | | | | | | | | | | * Temp 196#00010* 197= | | | | | | | | | | | *

R=192* T=A* 738#2* Date 193# | | | | | | | | | | | | | | | * Cond 196#00095* 197= | | | | | | | | | | | *

R=192* T=A* 738#3* Date 193# | | | | | | | | | | | | | | | * pH 196#00400* 197= | | | | | | | | | | | *

LOGS R=198* T=A* 739#1* Log 199# E | * Top 200= | | | | | | | | | | | * Bot 201= | | | | | | | | | | | *

R=198* T=A* 739#2* 199# D | * 200= | | | | | | | | | | | * 201= | | | | | | | | | | | *

Remarks: R=183# 311= | | | | | | | | | | | * 67' dd @ 200gpm

184:

description of formations encountered	from	to
Top Soil	0	60
Chalk / Limestone	60	190
Sandy Shale	190	210
Shale / Limestone	210	340
Fine Sand / Shale	340	358
Sand Shale	358	410
Clays	410	420

F = 1.02
 @ clays
 Owl Creek
 Water Assn

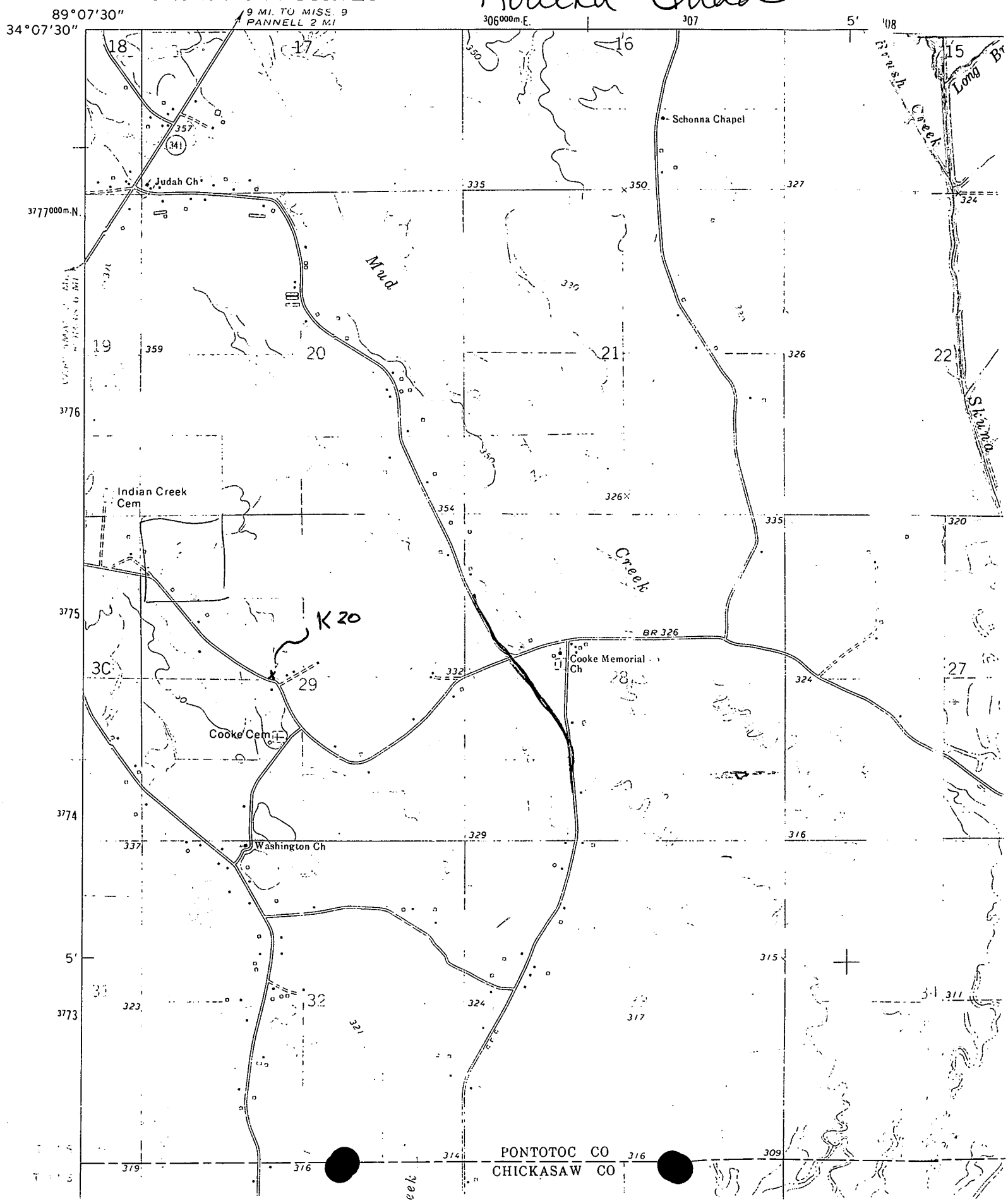
K20 Houlika WA

Elevation: 350

Houlika Quad

3132 (1 NW
RANDOLPH)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



PONTOTOC CO
CHICKASAW CO

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

PONTOTOC
K 20

CODED

6-18 1987 T.M.Parks Drlg. Co. Pontotoc
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Town of New Houlka P.O. Box 192			
Houlka, Ms. 38850 (mailing address)	Chalk / Limestone	60	190
	Sandy Shale	190	210
	Shale / Limestone	210	340
	Fine Sand / Shale	340	358
	Sand Shale	358	410
	Clays	410	420
CODED			
WELL LOCATION:			
sec <u>29</u> T <u>11</u> N <u>2</u> E (distance) (direction) (nearest town)			
<u>10</u> miles <u>NW</u> of <u>Houlka</u> (distance) (direction) (nearest town)			
WELL PURPOSE: <u>City</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>14"</u>			
(2) total depth (feet) <u>420'</u>			
(3) static water level (feet) <u>104</u> below above top of ground.			
(4) casing <u>US.Steel 358'</u> (material) (depth)			
<u>10 3/4"</u> if telescope see back. (size)			
(5) screen <u>30'</u> <u>360'</u> (length) (depth to top)			
<u>4"</u> <u>Stainless</u> (size) (material)			
(6) pump <u>25</u> <u>200</u> (HP) (yield gpm)			
<u>3Ø</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>MGS</u> (organization running log)			
(8) how well bottom plugged <u>BPV</u>			
DRILLERS REMARKS:			

RECEIVED

AUG 03 1987

Department of Natural Resources
 Bureau of Land & Water Resources

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

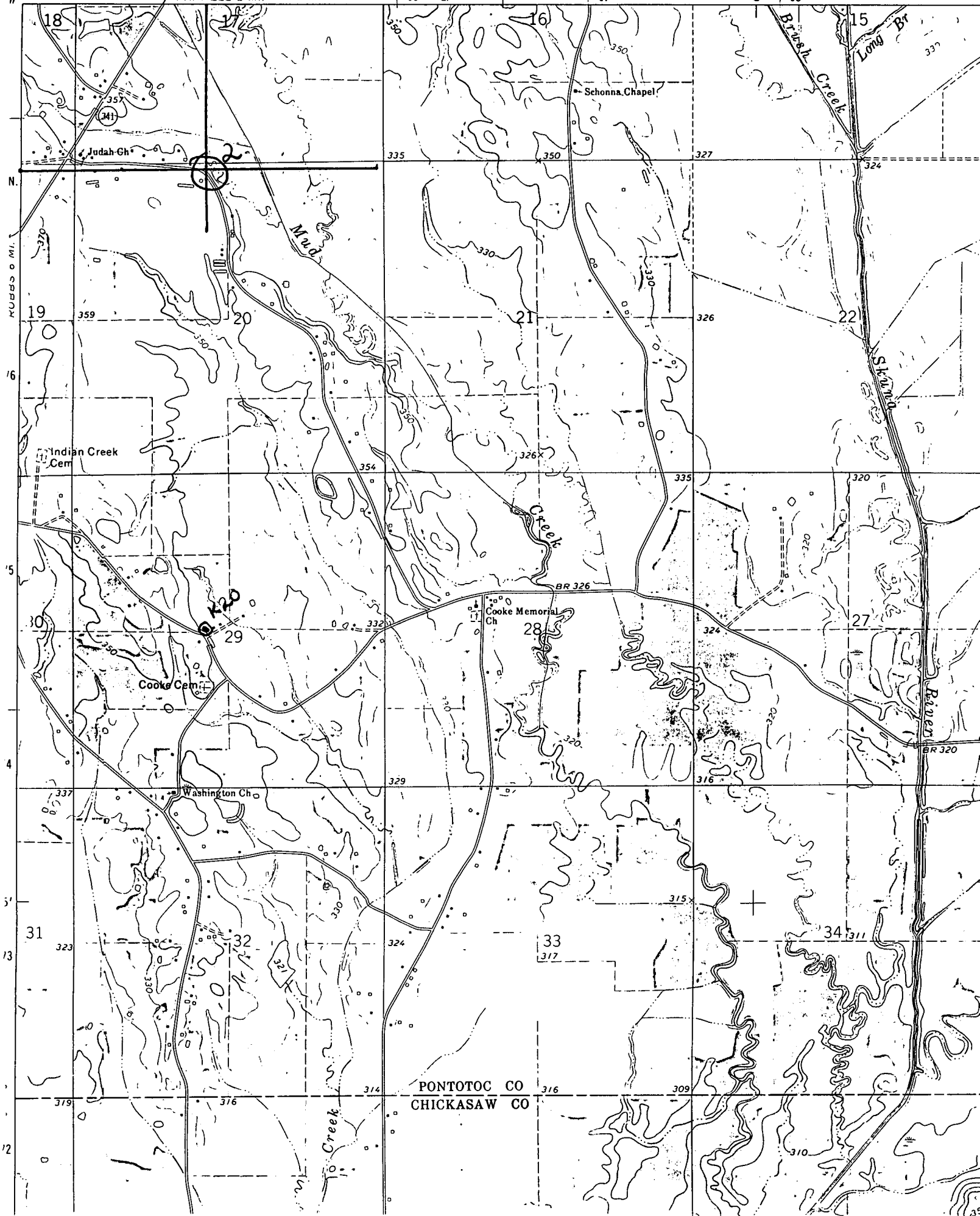
07'30"

9 MI. TO MISS. 9
PANNELL 2 MI.

306000m.E.

307

5' 308



PONTOTOC CO
CHICKASAW CO