

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Log # 34

WELL SCHEDULE

Date 5/16, 1963 Field No. _____
Record by P. E. Grantham Office No. W-4
Source of data Driv. + Obser.

1. Location: State Miss County Holmes

Map _____
SW NW 1/4 NW 1/4 sec. 14 T 12 NR 3 E

2. Owner: Town of Pickens Address _____
Tenant _____ Address _____
Driller Carlross Drilg. Co. Address Memphis Tenn

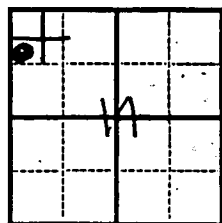
3. Topography _____

4. Elevation _____ ft. above
below

5. Type: Dug, drilled, driven, bored, jetted 5 1963

6. Depth: Rept. 1585 ft. Meas. 1602 ft.

7. Casing: Diam. 9 in., to _____, Type _____
Depth _____ ft., Finish 60" x 6"



8. Chief Aquifer Willcox From 1532 ft. to 1588 ft.
Others _____

9. Water level + _____ ft. Rept. 19.63 above
meas. below

_____ which is _____ ft. above
below surface

10. Pump: Type Turbine (40 hp) Capacity _____ G. M.

Power: Kind _____ Horsepower 40

11. Yield: Flow 200 G. M., Pump 620 G. M., Meas., Rept. Est. _____

Drawdown _____ ft. after _____ hours pumping _____ G. M.

12. Use: Dom., Stock PS, RR., Ind., Irr., Obs. _____

Adequacy, permanence _____

13. Quality _____ Temp 31°C °F.

Taste, odor, color _____ Sample Yes
No

Unfit for _____

14. Remarks: (Log, Analyses, etc.) hole to 1609

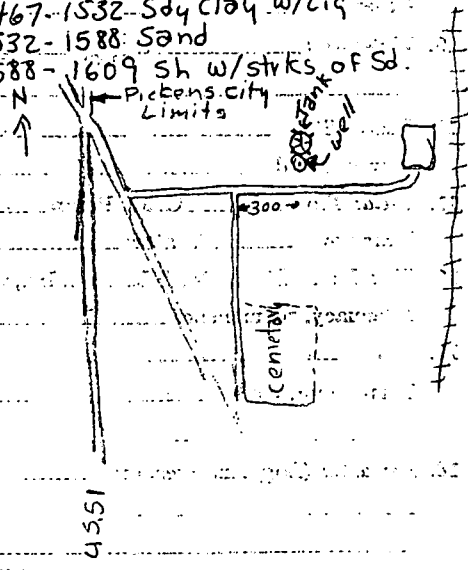
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

(October 1960)

WATER RESOURCES DIVISION

Project No. _____
Office No. _____
Date of Report _____

0-17 Clay	1015-1042 Sh w/hrd Strks Sd
17-38 Sd	1042-1081 Sd + Sh
38-52 Sh	1081-1167 Sdy Clay
52-148 Fine Sd (white)	1167-1221 Sh
148-170 Fine Sd (Red)	1221-1283 Sdy clay
170-212 Grey Sd w/Sh	1283-1291 Sh
212-305 Sh	1291-1297 Rock
305-320 Sdy Sh	1297-1334 Sh
320-511 Sd w/sh strks	1334-1352 Sdy clay
511-546 Sh	1352-1360 Sd
546-563 Sd	1360-1365 Sdy clay
563-660 Sh	1365-1377 Sh
660-675 Sdy clay w/hard strks	1377-1385 Rock
675-805 Tough Clay	1385-1425 Sh
805-808 Rock - 8 hrs	1425-1435 Sdy Clay
808-809 Sh	1435-1467 Sh
809-812 Rock	1467-1532 Sdy clay w/lig
812-813 Sh	1532-1588 Sand
813-819 Rock	1588-1609 Sh w/strks of Sd
819-870 Sh Strks of Rock	
870-891 Sdy Clay	
891-898 Sh	
898-906 Rock	
906-949 Sh Strks of Rock	
949-959 Rock - 8 hrs	
959-1015 Sh	



E LOG #34

HOLMES
W 4
9-5-63

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201
WATER WELL DRILLERS LOG

CODED

September 5, 1963 Carloss Well Supply Co. Holmes
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Town of Pickings	Top Soil	0	20
Pickings, Mississippi	Sand	20	38
(mailing address)	Clay	38	305
WELL LOCATION:	Sand	305	380
sec. 14 T 12 S R 3 E	Clay	380	950
(distance) miles of (direction) (nearest town)	Clay for sand streaks	950	1532
WELL PURPOSE:	Sand	1532	1600
(home, irrigation, <u>municipal</u> , industrial)	Clay	1600	1610
WELL COMPLETION DATA:			
(1) diameter (inches) 10"			
(2) total depth (feet) 1600'			
(3) static water level (feet) + 28 ^{below} _{above} top of ground.			
(4) casing Steel 1516 (material) (depth) 10" (size) If telescope see back.			
(5) screen 62" 1520 (length) (depth to top) 6" Stainless Steel (size) (material)			
(6) pump 40 1000 (HP) (yield gpm) Electric (type power)			
(7) electric log yes (yes or no) U.S.G.S. (organization running log)			
(8) how well bottom plugged B.P. Valve			
DRILLERS REMARKS:			

CODED

MAY 20 1971

MISS. Bd. OF WATER COMM.

HOLMES
W 4
6-26-63

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

CODED

Date: June 26, 1963, Driller: Carlos Bill Turner County Holmes

TEST HOLE

(1) Owner of Land: **Town of Pickens**
(Name)
Pickens, Mississippi
(Address)

(2) Location: 1/4, 1/4, Sec. T. R.
 miles of
(distance) (direction) (Nearest Town)

(3) Topography:
(Hilly) (Flat) (Level)

(4) Purpose of Well: **Municipal**
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Hard Red Sandy Clay (almost sandstone)	17	0
Sand w/ Lignite	21	38
Clay	5	43
Clay (Hard)	15	58
Fine Sand (White)	90	148
Fine Sand (Red)	22	170
Sand w/ Shale (Grey)	42	212
Shale	93	305
Sandy Shale	15	320
Grey Sand	60	380
Sand (Streaked w/ Clay)	131	511
Shale	35	546
Sand	17	563
Shale (Hard)	57	620
Shale	40	660
Sandy Clay w/ Hard Strk.	15	675
Tough Shale	130	805
Rock	3	808
Shale	1	809
Rock	3	812
Shale	1	813
Rock	6	819
Shale w/ Rock Streaks	51	870
Sandy Clay	21	891
Shale	7	898
Rock	8	906
Shale w/ Rock Streaks	43	949
Rock	10	959
Shale	56	1015
Shale w/ hard streaks of sand	27	1042

Information upon completion of well:

(1) Diameter 9" inches.

(2) Total Depth 1585 feet.

(3) Water Level Flowing feet below top of ground.

(4) Cased to 1510, Size 10-3/4"

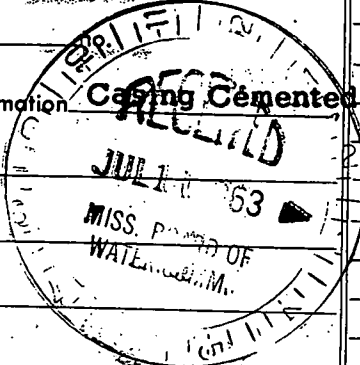
(5) Screen: Size 6", Length 60'

(6) Were any formations sealed against pollution?
 yes,

If YES depth of formation Casing Cemented

Why

Drillers Remarks:



(Continued)
(SEE PAGE TWO)

(Use Back Side)

Well No.

Retain this copy for your office files.

HOLMES MISSISSIPPI BOARD OF WATER COMMISSIONERS

W

6-26-63 WATER WELL DRILLERS LOG

W4

Date: June 26, 1963, Driller: Bill Turner County Holmes

TEST HOLE - Page 2

(Name)

(1) Owner of Land: **Town of Pickens**
(Name)
Pickens, Mississippi
(Address)

(2) Location: $\frac{1}{4}$, $\frac{1}{4}$, Sec. T R
 miles of
(distance) (direction) (Nearest Town)

(3) Topography:
(Hilly) (Flat) (Level)

(4) Purpose of Well: **Municipal**
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(Continued from Page 1)		
Streaks of Sand and Shale	39	1081
Sandy Clay	86	1167
Shale	54	1221
Sandy Clay	62	1283
Shale	8	1291
Rock	6	1297
Shale	37	1334
Sandy Clay	18	1352
Sand	8	1360
Sandy Clay	5	1365
Shale	12	1377
Rock	8	1385
Shale	40	1425
Sandy Clay	10	1435
Shale	32	1467
Sandy Clay w/ Lignite	65	1532
Sand	56	1588
Shale w/ Streaks of Sand	21	1609

Information upon completion of well:

(1) Diameter 9" inches.

(2) Total Depth 1585 feet.

(3) Water Level Flowing feet below top of ground.

(4) Cased to 1510, Size 10-3/4"

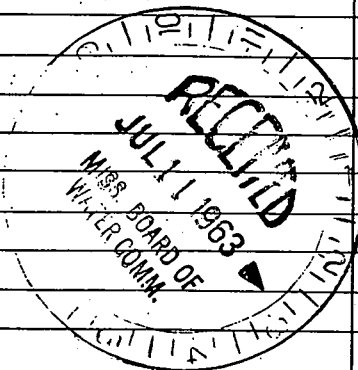
(5) Screen: Size 6", Length 60'

(6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation Casing cemented

Why

Drillers Remarks:



Well No.

(Use Back Side)

Retain this copy for your office files.

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Goodman Quod
U.S.G.S. E-105 # 34

WELL OWNER Pickens (#1)

CHECKED

U.S.G.S. NO. W-4

7/19/94

B.O.H. NO. 26 0013-02

7/19/94

OLWR NO. _____

LOCATION:

MAP NE, SE, NE S15, T12N, R3E

7/19/94

GPS _____

ELEV. (MSL) 238'

7/19/94

W.L. (L.S.) (1) - 33.18'

7/19/94

(2) - 33.07'

7/19/94

HEAD (MSL) + 204.93'

7/19/94

SCREENED INTERVAL 1,520' - 1,582' (L.S.) / -1,282' - -1,394' (MSC)

7/19/94

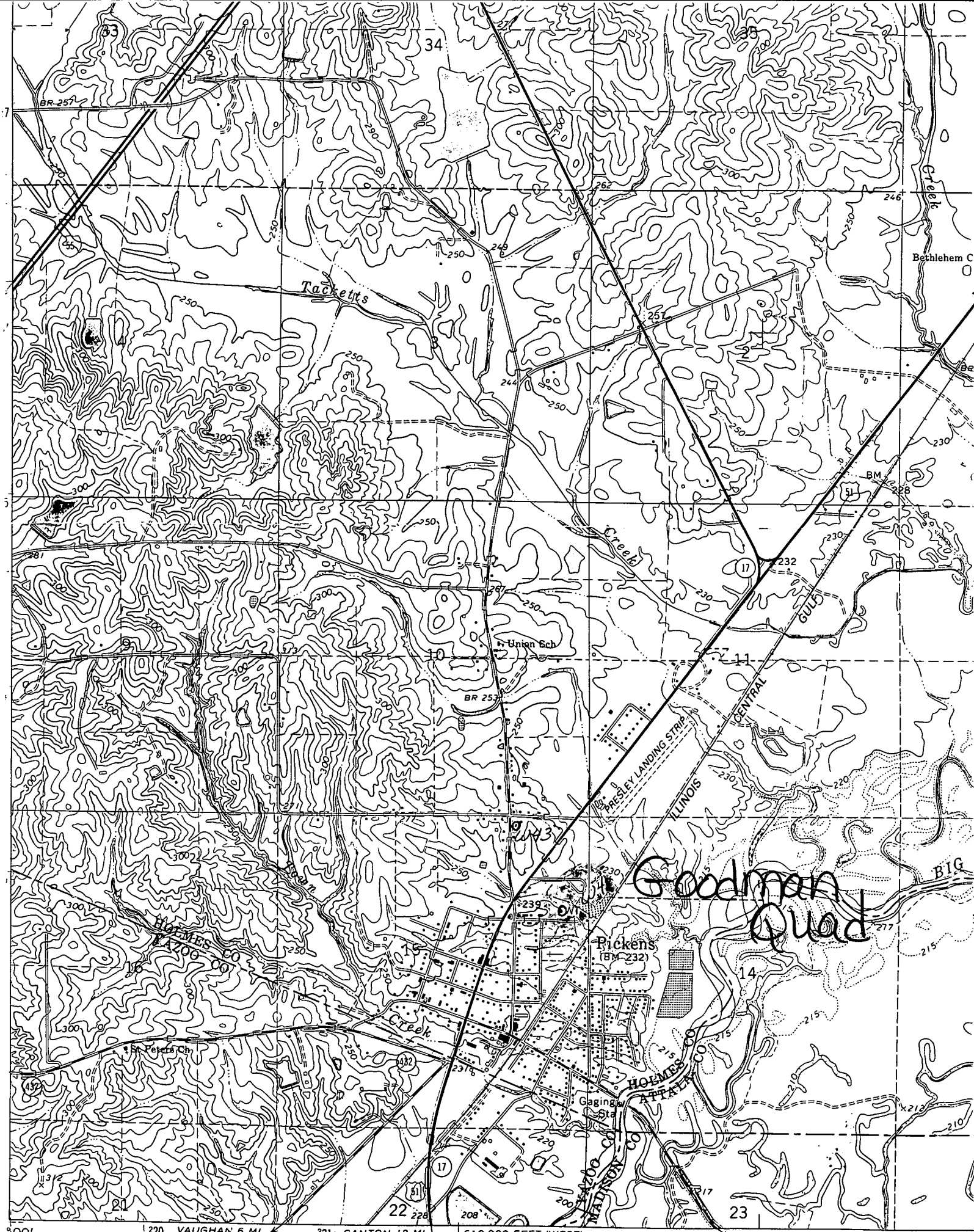
AQUIFER VERIFIED Middle Wilcox (orig m.u.w.)

?

PREVIOUS W.L. + 1.07' (1988) / + 28' (1963)

7/19/94

DATA ENTERED _____



Goodman Quad

00' 120 VAUGHAN 6 MI. 21 CANTON 18 MI. JACKSON 42 MI. 610 000 FEET (WEST) CAMERON 6 MI. 57'30" 22 23 24

Mapped, edited, and published by the Geological Survey
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