

GW946 Wheeler

WRD Form (GW)  
April 1-1966

Well No. K39

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

K39  
E Log 25  
PMT #946

Wheeler Quad - 20'  
MASTER CARD

Record by P.E. Grantham Source of data E Log 1 Drlr. Date 9-26-66 Map

State Mississippi 28 County (or town) Prentiss 59

Latitude: 34<sup>deg</sup> 34<sup>7 min</sup> 46<sup>11 sec</sup> N Longitude: 08<sup>degrees</sup> 8<sup>15 min</sup> 36<sup>08</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>0</sup> 6<sup>1</sup> 5<sup>2</sup> R<sup>3</sup> 7<sup>4</sup> E<sup>5</sup> Sec 7 NE NE NE NE

Local well number: K039BA0706307E Other number: B & M

Local use: 021025 Owner or name: Wheeler-Frankstown Water Assoc

Owner or name: WHEELER-FRANKS T Address: Wheeler, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist W

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS

Freq. sampling:  Pumpage inventory: yes  no, period:

Aperture cards:  yes

Log data: E Log 10-457 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 442 ft Meas. rept 3

Depth cased; (first perf.): 362 ft Casing type: Steel; Diam. 10x6 in

Finish: porous concrete, gravel w. concrete, (perf.), (screen), gravel w. (screen), horiz. gallery, (H) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) other 5

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (H) percusson, (J) rotary, (P) air reverse, (R) trenching, (T) driven, (V) drive wash, (W) other 4

Date Drilled: Sept 66 966 Pump intake setting: 200 ft

Driller: Henderson - Henderson, Wheeler Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25  Trans. or meter no. V

Descrip. MP 370 (11/89) ft above LSD, Alt. MP 370

Alt. LSD: 370 322 Accuracy: (source) 5

Water Level 48 ft above MP; Ft. below LSD 48 Accuracy: 0

Date meas: 966 Yield: 90 gpm 220 Method determined 1

Drawdown: 9.1 ft Accuracy: 1 Pumping period 1 hrs

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 K x 10 0 Temp. 0 °F Date sampled 6/13/72 672

Taste, color, etc.

NOV 14 1972

Yes  
JAN 11 1974

WL Data

11/30/82

WL=68.95

1.03160101

10/17/78  
WL=51.

Elev. from Wheeler Quad shows well @ 370'

Well No.

K39

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Latitude-longitude \_\_\_\_\_  
N  
S  
d m e d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13B

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group E2 + Gord

Lithology: U.S Origin: 2 Aquifer Thickness: 97 ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 345 ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 6" S.S.

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

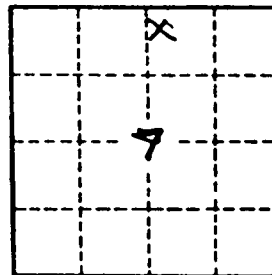
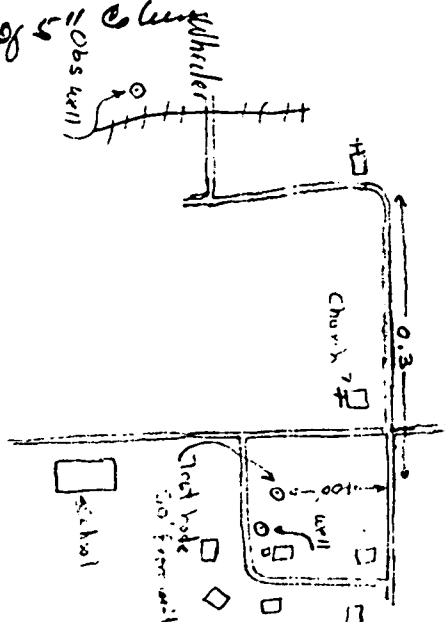
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

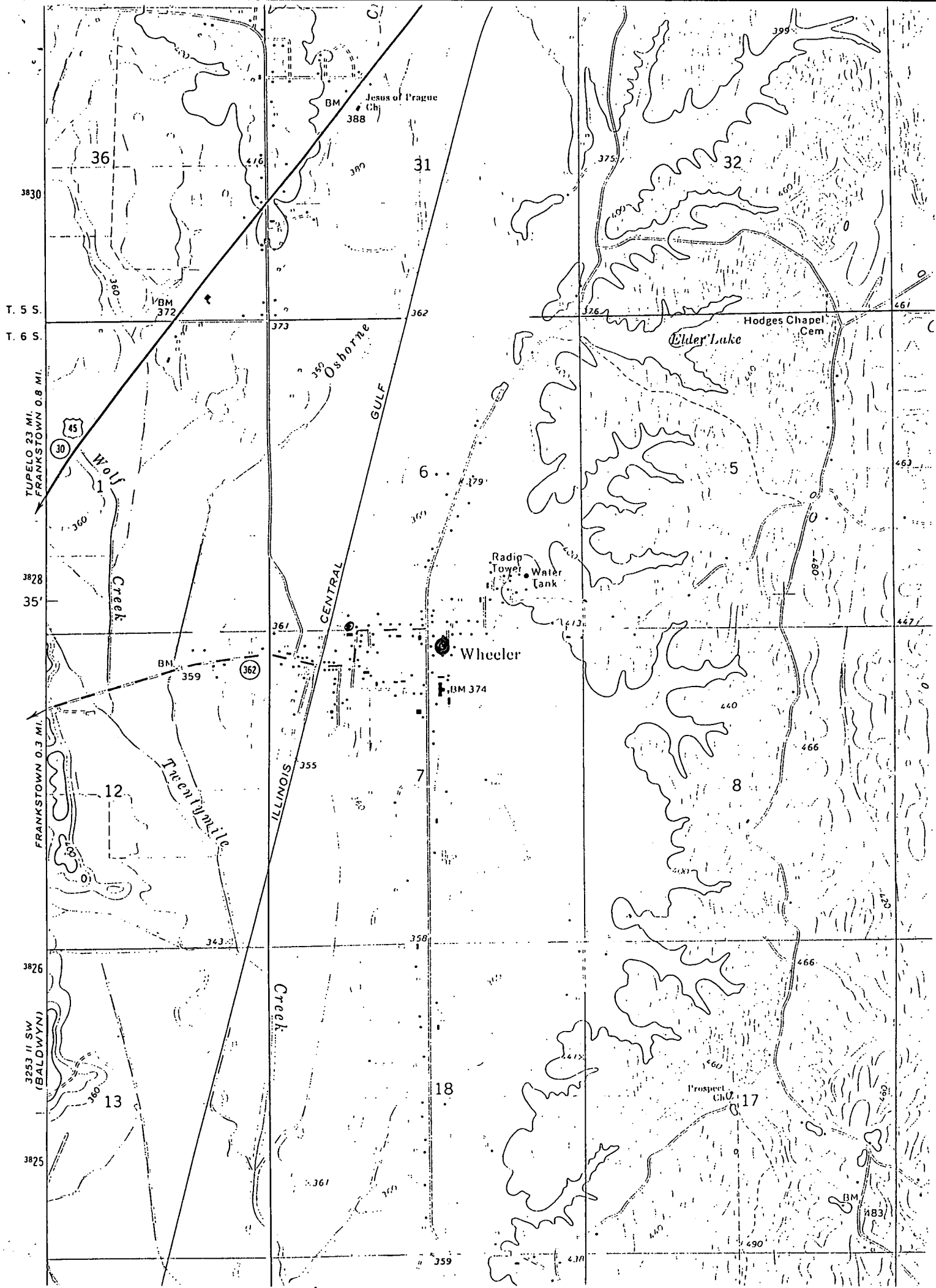
Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

390' 170' of 5" c. lens  
60' @ Lap  
1/2" under  
1 shaf



Well No. K39

*See alluvial  
filling log.*



36

31

32

T. 5 S.  
T. 6 S.

TUPELO 23 MI  
FRANKSTOWN 0.8 MI

30

Wolf  
Creek

Oshorne  
GULF

6

5

Elder Lake

Hodges Chapel  
Cem

3828  
35'

BM 359

CENTRAL

Wheeler

BM 374

SIOUSSI  
Creek

7

8

FRANKSTOWN 0.3 MI

12

Ten Mile  
Creek

3826

3253 II SW  
(BALDWIN)

13

18

17

Prospect  
Ch

3825

BM 183

359

490

Prentiss  
R 39  
5-67  
U.S.G.S.

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS **CODED**  
 416 North State Street  
 Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

date well completed May 19 67 firm name HERNDON HUMAN WELL SUPPLY county well located PRENTISS

| LANDOWNER:  | description of formations encountered | from       |
|---|---------------------------------------|------------|
| <u>Wheeler -</u>  |                                       |            |
| <u>Frankston Water Assoc.</u>                                       | <u>Surface Clay + Red Sand</u>        | <u>0</u>   |
| <u>Wheeler, Miss</u>  | <u>Sandy Blue Clay</u>                | <u>18</u>  |
| (mailing address)   | <u>Sand (light)</u>                   | <u>35</u>  |
| WELL LOCATION:  | <u>Blue Clay</u>                      | <u>62</u>  |
| sec <u>7</u> T <u>6</u> R <u>7</u> E                                | <u>Sand (fine)</u>                    | <u>74</u>  |
| <u>NW/4 NW/4 NE/4</u>   | <u>Blue Clay</u>                      | <u>85</u>  |
| (distance) miles (direction) of (nearest town)                      | <u>Light Sand (fine)</u>              | <u>105</u> |
| WELL PURPOSE: <u>Community</u>                                      | <u>Shale</u>                          | <u>130</u> |
| (home, irrigation, municipal, industrial)                           | <u>Light Sand with Shale streaks</u>  | <u>134</u> |
| WELL COMPLETION DATA:   | <u>Mummy Blue Clay</u>                | <u>185</u> |
| (1) diameter (inches) <u>10"</u>                                    | <u>Sand + Shale streaks</u>           | <u>255</u> |
| (2) total depth (feet) <u>442'</u>                                  | <u>Sand (good)</u>                    | <u>345</u> |
| (3) static water level (feet) <u>48'</u> below above top of ground. | <u>Bottom</u>                         | <u>442</u> |
| (4) casing <u>Steel</u> <u>346'</u> (material) (depth)              |                                       |            |
| <u>10"</u> (size) if telescope see back.                            |                                       |            |
| (5) screen <u>80'</u> <u>362'</u> (length) (depth to top)           |                                       |            |
| <u>6"</u> (size) <u>Stainless Steel</u> (material)                  |                                       |            |
| (6) pump <u>25</u> <u>220</u> (HP) (yield gpm)                      |                                       |            |
| <u>electric</u> (type power)  |                                       |            |
| (7) electric log <u>yes</u> (yes or no)                             |                                       |            |
| <u>U.S.G.S.</u> (organization running log)                          |                                       |            |
| (8) how well bottom plugged <u>B/W</u>                              |                                       |            |
| DRILLERS REMARKS:   |                                       |            |

91" and 2.4 gpm/ft

APR 30 1969

MISS. BD. OF WATER COMM.

①

If well telescopes please sketch and show depths.

K40

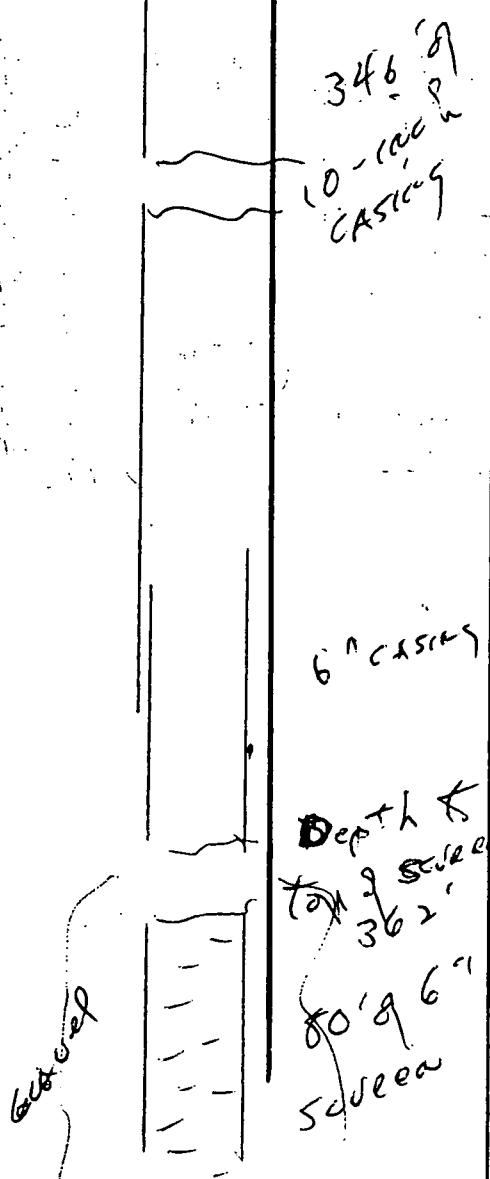
GROUND LEVEL

|  |  |   |  |
|--|--|---|--|
|  |  | X |  |
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |

SECTION 7

Please indicate well location X.

ADDITIONAL INFORMATION



If more than one screen, show locations of each on sketch.

# WHEELER QUAD

