

Waverly

FORM 9-1642  
(1-68)

Well No. 578

WELL SCHEDULE

**PUNCHED**

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

JAN 24 1973

MASTER CARD

Record by B.D. Source of data Bowc Date 1-72 Map \_\_\_\_\_

State 28 County (or town) Clay

Latitude: 33<sup>deg</sup> 35<sup>min</sup> 28<sup>sec</sup> N Longitude: 088<sup>deg</sup> 33<sup>min</sup> 57<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: U<sub>20</sub> T 17<sub>5</sub> R 7<sub>0</sub> E Sec 21 NE NE NE

Local well number: 5078AA2117507E Other number: \_\_\_\_\_ B & M

Local use: 021 Owner or name: \_\_\_\_\_

Owner or name: CHAS EDWARDS Address: West St.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Reppure, (Q) Recharge, (R) Desal-P'S, (S) Desal-other, (T) Other \_\_\_\_\_ 4

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed \_\_\_\_\_ 1

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pmpage inventory: \_\_\_\_\_ yes/no period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes \_\_\_\_\_

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 340 Meas. rept. accuracy \_\_\_\_\_ 3

Depth cased; (first perf.) \_\_\_\_\_ ft 30 Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in \_\_\_\_\_

Finish: (C) concrete, (F) gravel w. (G) screen, (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other \_\_\_\_\_ 1

Method: (A) air, (B) bored, (C) cable, (D) dug, (E) h.d. jetted, (F) air rot., (G) reverse, (H) trenching, (I) driven, (J) drive wash, (K) other \_\_\_\_\_ 1

Date Drilled: 1-5-72 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: \_\_\_\_\_

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 \_\_\_\_\_ 5 Deep \_\_\_\_\_ 0 Shallow \_\_\_\_\_ 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 3/4 \_\_\_\_\_ 5 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above/below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ ft 215 Accuracy: (source) \_\_\_\_\_ 5

Water Level: 51 ft above/below MP; Ft. below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_ 5

Date meas: 1-6-72 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_

Sp. Conduct \_\_\_\_\_ K x 10<sup>4</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

Well No. J 78

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

HYDR **REMOVED**  
SAME AS ON MASTER CARD  
**EVER 15 11**

Physiographic Province: 03 Section: \_\_\_\_\_  
20 21

Drainage Basin: 13E Subbasin: \_\_\_\_\_  
22 23 25 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_  
27

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series L3 \_\_\_\_\_ aquifer, formation, group EZ  
28 29 30 31

Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: 120 ft  
32 33 34  
Length of well open to: \_\_\_\_\_ ft 120 Depth to top of: \_\_\_\_\_ ft 220  
35 37 38 40 41 43

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_  
44 45 46 47

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
48 49 50  
Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
51 53 54 56 57 59

Intervals Screened: \_\_\_\_\_

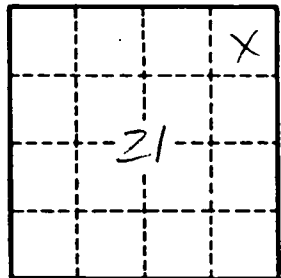
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
40 43 44

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
45 48 49

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_  
70 71 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_  
73 75 76 78

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_  
77 79



Well No.

J 78

CLAY  
578  
8-67

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

**CODED**

Date: 8-31-1967 Driller: Horndon-Homan Well & Supply, Inc. County: CLAY  
(When well drilled) P. O. Box 42  
SHANNON, MISSISSIPPI 38800 (Where well is located)

Owner of Land	Description & Color of Materials	Thick-ness Feet	Depth Feet
<u>Charles Edwards</u> (Name)	<u>surface clay &amp; sand</u>	<u>0-27</u>	
<u>2 West Point, Miss.</u> (Address)	<u>blue clay</u>	<u>27-220</u>	
Location: <u>NE 1/4, NE 1/4, Sec. 21 T. 15 R. 7E</u>	<u>sand</u>	<u>220-340</u>	
<u>4</u> miles <u>SE</u> of <u>West Point</u> (distance) (direction) (Nearest Town)	<u>Bottom</u>	<u>340</u>	
Topography: <u>flat</u> (Hilly) (Flat) (Level)			
Purpose of Well: <u>Home</u> (Domestic Irrigation Municipal, Industrial, Other)			

Information upon completion of well:

Diameter 5 inches.

Total Depth 340 feet.

Water Level 51 feet below top of ground.

Cased to 30', Size 5"

Screen: Size NONE, Length \_\_\_\_\_

Were any formations sealed against pollution?  
 yes, \_\_\_\_\_ no.

ES depth of formation 27'

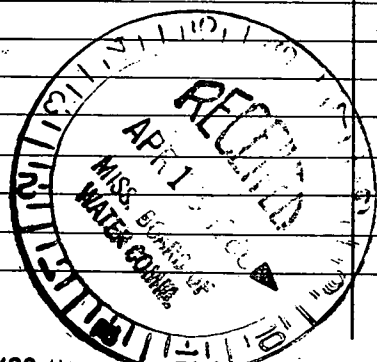
Remarks: surface + sand  
Elev 1215  
at top of 20'

Yield in gpm: 5

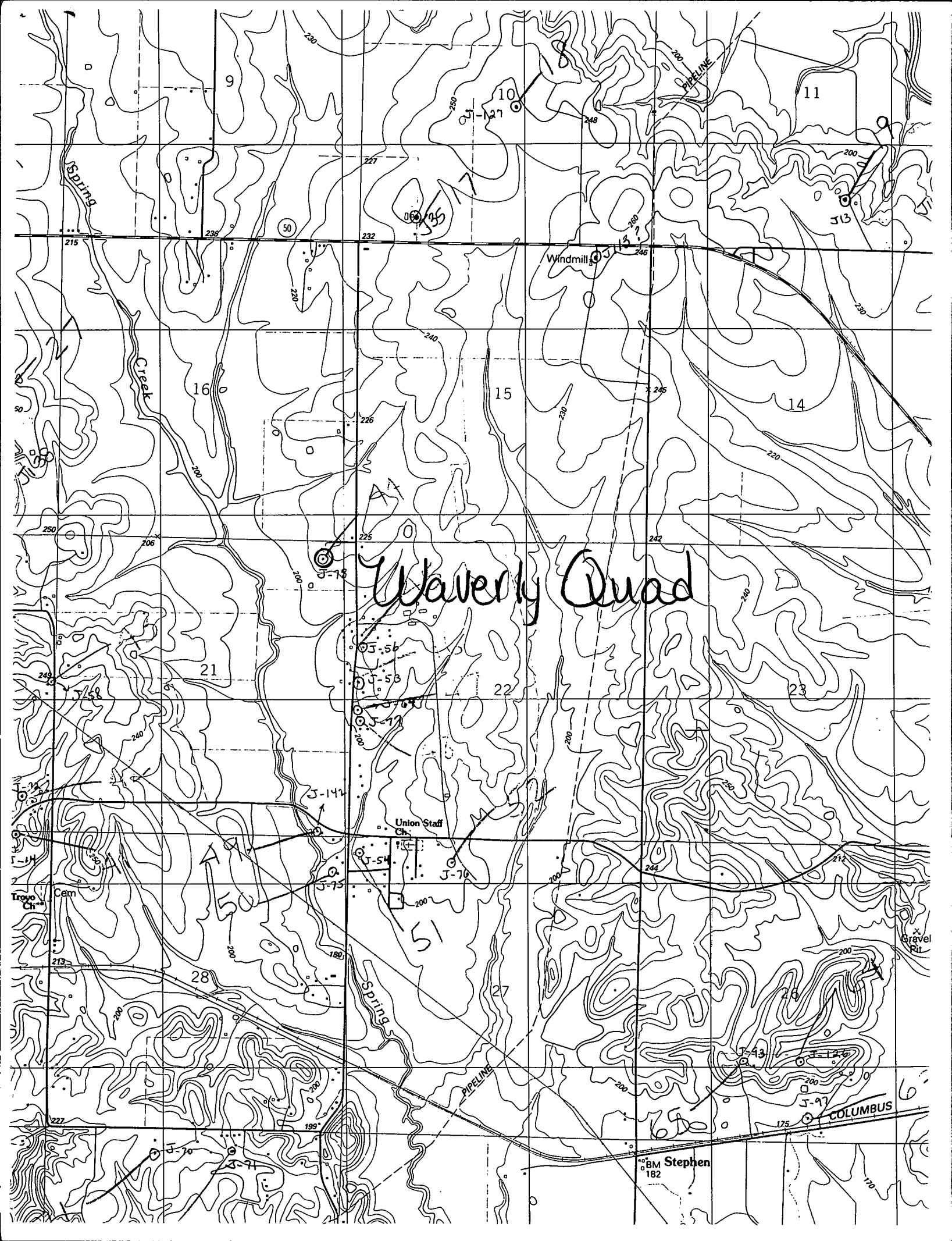
Size pump: 3/4 HP Jet

Power: electric

**CODED**



this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.



# Waverly Quad

BM Stephen  
182

COLUMBUS

Union Staff Ch.

Troye Ch. Cem

Gravel Pit

Windmill

Creek

Spring

Spring