

WELL SCHEDULE  
GEOLOGICAL SURVEY

E Log #50

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

APR 8 1975  
PUNCHED

MASTER CARD

Record by J. A. Callahan Source of data Bowc Date 8-30-73 Map \_\_\_\_\_

State 28 County (or town) 63

Latitude: 33° 04' 26" N Longitude: 090° 48' 01" W Sequential number: 7

Lat-long accuracy: 3 T 14 S, R 6 Sec 10, NE  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , SE  $\frac{1}{4}$

Local well number: A031B01014N06W Other number: \_\_\_\_\_ B & M

Local use: 022050 Owner or name: \_\_\_\_\_

Owner or name: JIM SIGLER Address: \_\_\_\_\_

Ownership: (C) County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other H

Use of well: (A) 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: \_\_\_\_\_

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

Temperature cards: \_\_\_\_\_ yes

Log data: \_\_\_\_\_ D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 659 ft Meas. rept accuracy 3

Depth cased; (first perf.) 629 ft Casing type: \_\_\_\_\_; Diam. 4x2 in 4

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, end, (I) open perf., (J) screen, sd. pt., (K) shored, open hole, (L) other S

Method: (A) air bored, cable, dug, hyd jetted, rot., (B) air, (C) cable, (D) dug, (E) hyd jetted, (F) air, (G) reverse, (H) trenching, (I) drive, (J) drive, (K) wash, (L) other H

Date Drilled: 965 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: David Bervy name address \_\_\_\_\_

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) none, (E) piston, (F) rot, submerg, turb, other S Deep  Shallow

Power (type): (A) diesel, elec, gas, gasoline, hand, gas, wind; H.P., (B) nat, (C) LP S Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 102 Accuracy: (source) 4

Water Level: 8/18/73 ft above below MP; Ft below LSD 14 Accuracy: D

Date meas: 8/18/65 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>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No. A31

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD  Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: E 13H Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat  
(C) (B) (F) (R) (K) (L) (P) (S) (T) (U) (V)

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group SJ

Lithology: US Origin: 2 Aquifer Thickness: 90 ft

Length of well open to: \_\_\_\_\_ ft 20 Depth to top of: \_\_\_\_\_ ft 570

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: \_\_\_\_\_

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

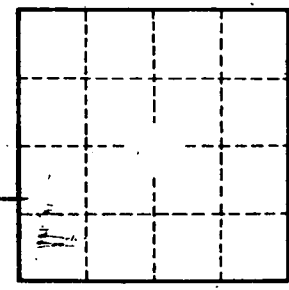
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

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

*4" to 148'  
511' of 2"  
30' of 2" screen*



Well No. \_\_\_\_\_

SHARKEY

A31 MISSISSIPPI BOARD OF WATER COMMISSIONERS

8-18-65

WATER WELL DRILLERS LOG

Date: 8/18, 1965, Driller: David Berry County Yazoo  
(When well drilled) (Name) (Where well is located)

(1) Owner of Land: J. S. Ziegler  
(Name)  
Delta City, Miss.  
(Address)

(2) Location: NE 1/4, NW 1/4, SE 1/4, Sec. 10, T. 14 R. 6 W.  
(distance) (direction) (Nearest Town)

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

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

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
surface	34	34
sand	30.5	64.5
sand streak w/ gravel	29.9	94.2
gravel	30.7	124.9
granite rock	29.10	154.7
gravel + sand	31.1	185.8
sand streak w/ gravel	30.2	215.0
sand	31.5	246.3
sand	30	277.3
sand	30.1	307.4
sand streak w/ clay	31.3	338.7
clay	30.10	369.5
shale	30.5	399.0
shale	39.4	438.2
shale	30.11	469.1
shale streak w/ sand	30.10	499.1
shale streak w/ sand	30.10	529.9
" " "	19.8	549.5
" " "	20.5	570.0
sand	20.2	590.1
"	19.1	609.1
"	20.9	630.0
"	20.9	650.7
"	20.3	671.0

Information upon completion of well:

(1) Diameter 4 1/2 inches.

(2) Total Depth 659 feet.

(3) Water Level 14 ft. feet below top of ground.

(4) Cased to 148' 9 1/4", Size 5 1/2" x 2".

(5) Screen: Size 2", Length 30 ft.

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

If YES depth of formation \_\_\_\_\_

Why \_\_\_\_\_

Drillers Remarks: \_\_\_\_\_

Yield in gpm: \_\_\_\_\_

Size pump: \_\_\_\_\_

Type power: \_\_\_\_\_

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