

WELL SCHEDULE

E. log # 50

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GW01881 0610018-01

MASTER CARD

Record by PEG Source of data D1 Date 9/20/62 Map Pelahatchie

State 28 County Rain Hill Sequential number 61

Latitude: 32° 18' 37" N Longitude: 08° 9' 47" W Sequential number: 1

Lat-long accuracy: 3 T, 6 S, R 5 Sec 33 SE, SW, NE/NW/SW/SW

Local well number: 70090C3306NOSE Other number: _____

Local use: 064050 Owner or name: Town of Pelahatchie

Owner or name: PELAHATCHIE Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z) MU P

Use of (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) 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 3-15-74 MSBH (1002)

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

Aperture cards: _____

Log data: SPRT

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1005 ft Meas. accuracy 6

Depth cased; (first perf.) 955 ft Casing type: _____; Diam. 1016 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other G

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air percussion, (P) rotary, (R) reverse, (T) trenching, (V) driven, (W) wash, other H

Date drilled: 9/20 Pump intake setting: 6" 200" 6" ft 231

Driller: Lagye Central Co.

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) none, (N) piston, (P) rot, (R) submerg, (S) turb, (T) other, (Z) Deep 7 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 50 Trans. or meter no.

Descrip. MP 355 ft above LSD, Alt. MP _____

Alt. LSD: 360 Accuracy: (source) 5

Water Level: ft above MP; Ft below LSD 137 Accuracy: 305 @ 60#

Date meas: 10/30 Yield: 0.55 gpm 4.02 Method determined 61

Drawdown: ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron .1 ppm Sulfate _____ ppm Chloride 3.0 ppm Hard. 0 ppm

Sp. Conduct 340 K x 10⁶ 3 Temp. 27.0 Date sampled 3-15-74 374

Taste, color, etc. pH 8.2

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. 19

Latitude-longitude

d
m
s
N
S
d
m
s

HYDROGEOLOGIC CARD
 SAME AS ON MASTER CARD
 Physiographic Province: 03 Section: _____

 Drainage Basin: D Subbasin: 137 _____

 (D) depression, stream channel, dunes, flat, hilltop, sink, swamp,
 (C) _____
 (E) _____
 (F) _____
 (R) _____
 (K) _____
 (L) _____
 (N) _____
 (O) _____
 (P) offshore, pediment, hillside, terrace, undulating, valley flat _____

 IOR: _____
 AQUIFER: T.E SPRT
 system: _____ series: _____ aquifer, formation, group: S.S

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

 Length of well open to: 55 ft _____ Depth to top of: 950 ft _____

 IOR: _____
 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 cement: _____ ft _____ Source of data: _____

 Hydraulic characteristics: 70-71 Infiltration characteristics: 72

 Specific yield: _____ gpd/ft _____ Coefficient Storage: 76-78

 Specific storage: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: 79


Well No.

59

Rankin
T9
12/62

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

J2
MS
CODED

Date: Dec. 5, 1962, Driller: Layne-Central Co. Com. No. _____

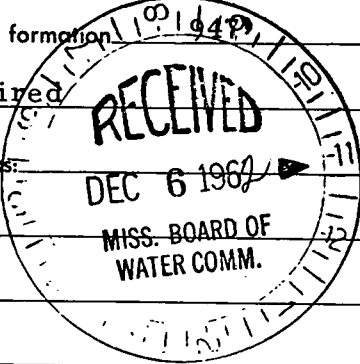
(Name)

(1) Owner of Land: <u>Town of Pelahatchie</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Pelahatchie, Mississippi</u> (Address)	red sandy clay	17	17
(2) Location: <u>1/4, 1/4, Sec. 33 T6 R5</u>	loose white sand	8	25
_____ miles _____ of _____ (distance) (direction) (Nearest Town)	hard blue clay	270	295
(3) Topography: _____ (Hilly) (Flat) (Level)	sandy shale	10	305
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation, Municipal, Industrial, Other)	hard shale	47	352
Information upon completion of well:	sandy shale	168	520
(1) Diameter <u>10"</u> inches.	fine sand, h. p.	75	595
(2) Total Depth <u>1005</u> feet.	shale & sand strks	20	615
(3) Water level <u>137'</u> feet below top of ground.	hard shale	76	691
(4) Cased to <u>947'</u> , Size <u>10"</u>	rock	1	692
(5) Screen: Size <u>6"</u> , Length <u>50'</u>	hard shale	3	695
(6) Were any formations sealed against pollution? <u>X</u> yes, _____ no.	hard shale	1	696
If YES depth of formation _____	hard rock	1	696
Why <u>Required</u>	hard shale	4	700
Drillers Remarks:	hard rock	1	701
	hard shale	4	705
	hard rock	2	707
	hard shale	10	717
	hard rock	3	720
	hard shale	20	740
	hard rock	2	742
	hard shale	12	754
	sandy shale	39	793
	sand & shale strks	20	813
	hard shale	11	824
	sand	17	841
	hard shale	47	888
	shale & sand strks	27	915
	hard shale	33	948
	h. p. sand	57	1005
	hard shale	2	1007

(Use Back Side)

Well No.

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



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/31/96

UNIT DEQ #: _____ FILE #: A073115D

HEALTH DEPT. #: 610018-01 ELEV. 355'

USGS #: J9 OLWR #: GW01881

OWNER: Town of Pelahatchie QUAD: Pelahatchie

LOCATION: SW/SW s 33 T 4 N R 5 E COUNTY: Rankin

LOCATION DESCRIPTION: Behind Volunteer Fire Department

on south side of Hwy 80 across from Post Office.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/50 HB

GPS FIELD LOCATION: LAT. 32° 18.819' N LONG. 89° 47.806' W

GPS CORRECTED LOCATION: LAT. 32.31308874 LONG. 89.79692956

REMARKS: _____

