

Plotted

HD#480012-016 W00634

GW634

No way into well

FORM 9-1642 (1-68) CODED

Well No. D5

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

96-c

MASTER CARD

Record by SEE Source of data F.C. Duncan Date 7/19/61 Map Smithville

State 28 County Monroe (or town) 5 48

Latitude: 34 04 08 N Longitude: 08 82 34 2 Sequential number: 1

Lat-long accuracy: 11 T. 12 R. 9 W. Sec. 6 SW NW t. SE t. NW

Local well number: D005D B0617509E Other number: B & H

Local use: 064 464 37 Owner or name: Town of Smithville

Owner or name: SMITHVILLE Address: Well #1

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. P

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

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

Hyd. lab. data:

Qual. water data: type: C

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

Aperture cards: yes

Log data: See old sched for D-log D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 117.9 ft Mess. rept. 6

Depth cased: (first perf.) 115.9 ft Casing type: 8.6 in Diam. 8

Finish: porous concrete, gravel w. screen, horis. gallery, open perf., (screen), end, other S

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

Date Drilled: 9:6:1 Pump intake setting: 30 ft

Driller: Layne C.

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

Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. U Trans. or meter no. 41

Descrip. MP 26.5 ft above LSD, Alt. MP 4

Alt. LSD: 26.5 Accuracy: (source) 4

Water Level: 110 ft above MP; Ft below LSD 110 Accuracy: 6

Date meas: 7:6:1 Yield: 82 gpm Method determined 2

Drawdown: 1 1/2 ft Accuracy: 2 Pumping period 1 1/2 hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct 64 K x 10⁶ Temp. 64 Date sampled 0.6.2

Taste, color, etc.

PUNCHED

Well No.

D5

Well No. D5

Latitude-longitude _____ N
S

HYDROGEOLOGIC CARD

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 20 21 Section: _____

22 D Drainage Basin: 13B 23 25 Subbasin: _____ 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (G) (P) (S) (T) (U) (V) offshore, pediment, hillslope, terrace, undulating, valley flat _____ 27

MAJOR AQUIFER: _____ system _____ series K3 28 29 _____ aquifer, formation, group G:φ 30 31

Lithology: _____ US 32 33 Origin: _____ 2 34 Aquifer Thickness: _____ ft

Length of well open to: 40 33 37 ft Depth to top of: 20 34 38 ft 84 41 47

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

Lithology: _____ US 48 49 Origin: _____ 30 50 Aquifer Thickness: _____ ft

Length of well open to: _____ 51 53 ft Depth to top of: _____ 54 55 ft _____ 57 59

Intervals Screened: 20' of 6" screens

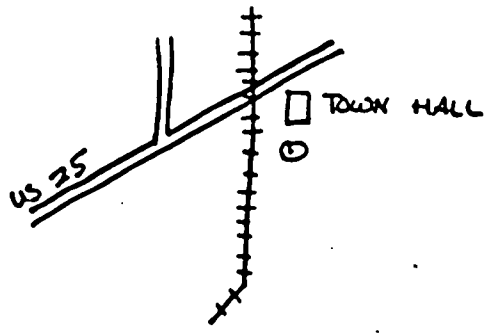
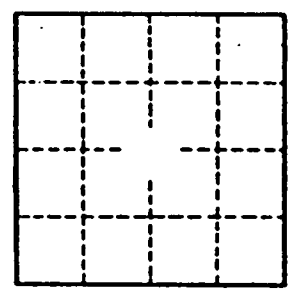
Depth to consolidated rock: _____ ft _____ 40 43 Source of data: _____ 44

Depth to basement: _____ ft _____ 45 48 Source of data: _____ 49

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ 273 73 75 Coefficient Storage: _____ 76 78

Perm: 680 3.7 Number of geologic cards: _____ 79



Well No. D5

MONROE
D 5
6-7-61

MISSISSIPPI BOARD OF WATER COMMISSIONERS

Coded
WATER WELL DRILLERS LOG

~~D-303~~
D5
 D-301

CODED

Date: June 7, 1961, Driller: Layne- Ed County Monroe
 (Name)

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

(2) Location: NW SE NW 1/4, 1/4, Sec. 6 T 25 R 5 E
 (direction) (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
sandy clay	13	13
sand and gravel	5	18
sandy clay, stks sand	28	46
sand	4	50
clay	34	84
sand	26	110
sand	22	132
sand	4	136
rock	2	138
hard coarse sand & shells	16	154
" " " "	6	160
hard cemented sand	1	161
hard coarse sand-shells	8	179
rock	7	186

Information upon completion of well:

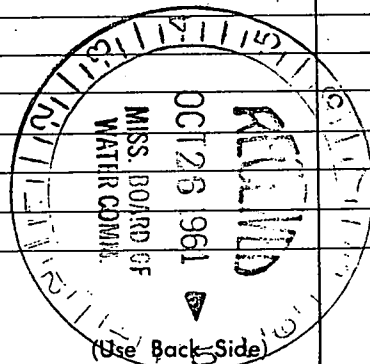
- (1) Diameter 8" inches.
- (2) Total Depth 178'7" feet.
- (3) Water Level 10' feet below top of ground.
- (4) Cased to 153', Size 8"
- (5) Screen: Size 6", Length 20'2"
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 153'

Why Required

Drillers Remarks: _____

CODED



Well No.

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