

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Town. #3

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. A. Callahan Source of data Mr. Hays Date 12-8-66 Map

State Miss County Bay Springs Jasper Sequential number: 1

Latitude: 31 58 52 N Longitude: 089 17 16

Lat-long accuracy: 3 T. 2 S. R. 10 W. Sec. 29 NE. SE. 1

Local well number: J 0 0 3 2 D 2 9 0 2 N 1 0 E Other number: B & M

Local use: 0 6 4 Owner or name: City of Bay Springs

Owner or name: BAY SPRINGS Address:

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

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

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

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data; type: MOBON Complete 11-4-60

Freq. sampling: 0 Pumpage inventory: yes

Aperture cards: 0

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 617 ft Meas. 617 accuracy 6

Depth cased: 521 ft Casing type: 521 Diam. 6x4 in 6

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

Method Drilled: (A) air bored, cable, dug, (H) hyd, jetted, air reverse, (P) percussion, rotary, driven, drive wash, other A

Date Drilled: 5/24/55 Pump intake setting: 9 5 5 ft 36

Driller: Layne Central Co, Jackson Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, (T) turb, other T Deep 1 Shallow 40

Power (type): diesel, (elec) elec, gas, gasoline, hand, gas, wind, H.P. 0 Trans. or meter no. 0

Descrip. MP Breaker hole on East side of pump base 2 ft above LSD. Alt. MP 403 Accuracy: 5

Alt. LSD: 403 Accuracy: 5

Water Level: 112 ft above MP; Ft below LSD 112 Accuracy: 9

Date meas: 5/24/55 Yield: 5 5 5 gpm Method determined 0

Drawdown: 0 ft Accuracy: 0 Pumping period 0 hrs 0

QUALITY OF WATER DATA: Iron 3 ppm Sulfate 70 ppm Chloride 47 ppm Hard. 24 ppm

Sp. Conduct 0 K x 10 0 Temp. 0 °F Date sampled N. 60

Taste, color, etc.

Well No. 13

HYDROGEOLOGIC CARD

Physiographic Province: 03 **Section:** _____

Drainage Basin: D **Subbasin:** 130

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) (V) valley flat Y

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Cockfield Clarborne C 0

Lithology: Sand S **Origin:** Deltaic 3 **Aquifer Thickness:** 115 ft

Length of well open to: 115 ft **Depth to top of:** 9.0 ft **Depth to top of:** 49.5 ft

MINOR AQUIFER: _____ **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:** _____

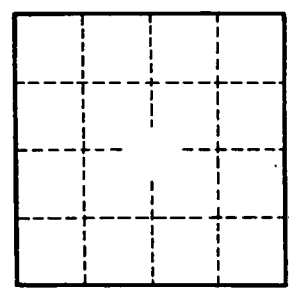
Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

MR W. G. Horn
1764-2432

*In. Yelverton Owned water System
Prion Town Acquisition in 1946
acc. Mr. W.G. Horn Town Clerk.*



- Sand - clay 0-15
- Gray marl 15-87
- Sand 87-178
- Clay 178-280
- Shell Marl 380
- " 495
- sand 610

- MSBH
- 16 June 1955
- Total Hardness CaCo₃ 34 ppm.
- Alkalinity (M) 180
- Total Iron 0.2
- Free Carbon Dioxide 8 ppm
- pH 7.7
- Chlorides 38

- Seive of Sand
- 581-601
- #10 2.20%
- 30 9.0
- 50 6.8
- 80 54.1
- 100 13.5
- 200 13.5
- Passing #200 0.9

Keystone Bronze 6" .008 opening

90' of screen

Well No.

13