

WELL SCHEDULE

E-log # 45  
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

TRANSMITTED FOR ADP

MASTER CARD

Record by P.E. Grantham Source of data Drlr & obs Date 7-29-63 Map Tralake

State Mississippi 28 County (or town) Washington 76

Latitude: 33<sup>deg</sup> 19<sup>min</sup> 32<sup>sec</sup> N Longitude: 09<sup>deg</sup> 04<sup>min</sup> 44<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> T. 17<sup>10</sup> S, R 6<sup>10</sup> Sec 14, SW 1/4, NW 1/4, NW 1/4

Local well number: 014BB1417NOGW Other number: 2 B & M

Local use: \_\_\_\_\_ Owner or name: Deandale Plantation

Owner or name: DEANDALE PLANTATION Address: Bourbon, Miss

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) Irr, (H) Med, (I) P S, (J) Rec, (K) Stock, (L) Instit, (M) Unused, (N) Reppure, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other H

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 W

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

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

Qual. water data; type: USGS Complete

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

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

Log data: E-log 4-425 ft, Driller's log 0-427 ft DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 398 ft 398 Meas. accuracy 3

Depth cased: (first perf.) 388 ft 388 Casing type: BI; Diam. 4, 2 1/2 in 4

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

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

Date Drilled: 7-63 963 Pump intake setting: 63 ft 63

Driller: Delta Drlg Co, Greenwood

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 S Deep  Shallow

Power (type): diesel, elec nat gas, LP gas, gasoline, hand, gas, wind; H.P. 1 1/2 T Trans. or meter no.         

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

Alt. LSD: 107 107 Accuracy: (source)          3

Water Level \_\_\_\_\_ ft above MP; Ft below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_

Date meas: \_\_\_\_\_ Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_

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

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

72 Sp. Conduct 625 K x 10<sup>6</sup> 4 Temp. 68 °F 68 Date sampled Feb 20, 1968 268

Taste, color, etc. Field PH: 8.5

Well No. 414

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

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD: Physiographic Province: Coastal Plain 03 Section: Miss. River

Local plain: E Drainage Basin: 15H Subbasin: \_\_\_\_\_

of depression, stream channel, dunes, flat, hilltop, sink, swamp, site: (D) (C) (E) (F) (H) (K) (L) (V)  (V) offshore, pediment, hillside, terrace, undulating, valley flat

PER: Tertiary, Eocene TE Cockfield Cφ aquifer, formation, group

ology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: 52 ft

Length of well open to: 10 ft Depth to top of: 351 ft

PER: Quaternary, Pleistocene Miss. River alluvium aquifer, formation, group

ology: sand-gravel alluvium Origin: Fluvial Aquifer Thickness: 123 ft

Length of well open to: 0 ft Depth to top of: 8 ft

values: 390-400 ft 10' x 2 1/2" ss 0.012 ga screen

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

to cement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

infiltration characteristics: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

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coefficient of storage: \_\_\_\_\_

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coefficient of storage: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

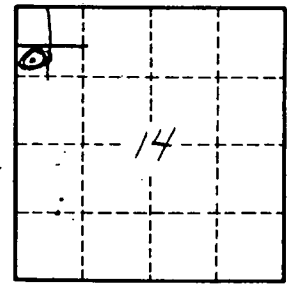
coefficient of storage: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

coefficient of storage: \_\_\_\_\_

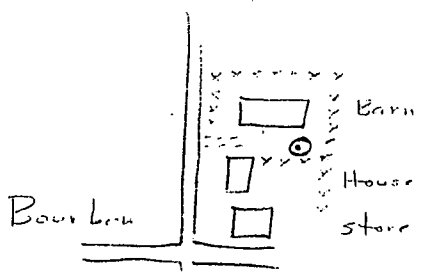
0-70 Red Jacket Sub pump at 63'  
15 gal steel tank  
4' x 2 1/2" tail pipe

5-13-68 33.00  
13.99  
19.06  
- 0.75  
WL 18.21 GL.



- 0-8 Gumbo
- 3-98 Sand Alluvium
- 2-131 Gravel

- 181 Gumbo
- 243 Shale
- 283 Gumbo
- 321 Shale
- 401 Gumbo
- 403 Sand
- 432 Shale



116 ft of 4" blk pipe  
306 2 1/2 pipe  
10 2 1/2 screen  
39 2 1/2 tail pipe

Well No.

714