

WRD Exp. (GW)
April 1966

REPLACEMENT WELL SCHEDULE

Well No. 14

Well no. 1

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

South well

MASTER CARD

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Record by TNSHOWS Source of data Drillers Record Date 5- -67 Map _____

State MISSISSIPPI County 28 (or town) Lauderdale 38

Latitude: 32 21 48 N Longitude: 08 84 12 8 Sequential number: 1

Lat-long accuracy: 3 T. 6 S, R 16 W, Sec 17, 11E cor. 11 sec 18 25 + 16 19

Local well number: N0004CB1706N16E Other number: _____ B & M

Local use: 069 Owner or name: CITY OF MERIDIAN

Owner or name: MERIDIAN Address: MERIDIAN, MISS.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P

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 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: USGS 12-19-55 MSBON 11-2-60

Freq. sampling: 0 Pumpage inventory: yes 0 no, period: _____

Aperture cards: _____ yes 0

Log data: Driller's Log

How far Level
Date
11/19/62
WL-5359

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 771 ft Meas. 771 accuracy 80' 79

Depth cased; (first perf.) 685 ft Casing type: A.T.; Diam. 18 12 in 18

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open end, perf., screen, sd. pt., shored, open hole, other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other 11

Date Drilled: 1952 Pump intake setting: 125' ft 125

Driller: Layne Central, Jackson, Mississippi

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) (M) turb, (H) none, (I) piston, (J) rot, (K) submerg, (L) turb, (M) other M Deep D Shallow 40

Power (type): diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 40 Trans. or meter no. V

Descrip. MP _____ ft above _____ ft below LSD. Alt. MP _____

Alt. LSD: 330 Accuracy: (source) 5

Water Level 41 ft above MP; Ft below LSD 41 Accuracy: D

Date meas: 12-2-52 Yield: D52 gpm 770 Method determined 0

Drawdown: 23 1/2 ft Accuracy: 24 Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 2 Sulfate 5.9 Chloride 9 Hard. 20

Sp. Conduct _____ K x 10⁶ Temp. 77 °F Date sampled N6D

Taste, color, etc. _____

WELL NO. 14

Well No. NA
Well No. 1

Latitude-longitude
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: Coastal Plain 03 Section: East Gulf

Coastal Plain D Drainage Basin: 13P Subbasin: 20

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, lower Wilcox LW

Lithology: Sand US Origin: deltic 2 Aquifer Thickness: ft

Length of well open to: ft 80 Depth to top of: ft

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: B85 - 765 #8 Shutter Casings

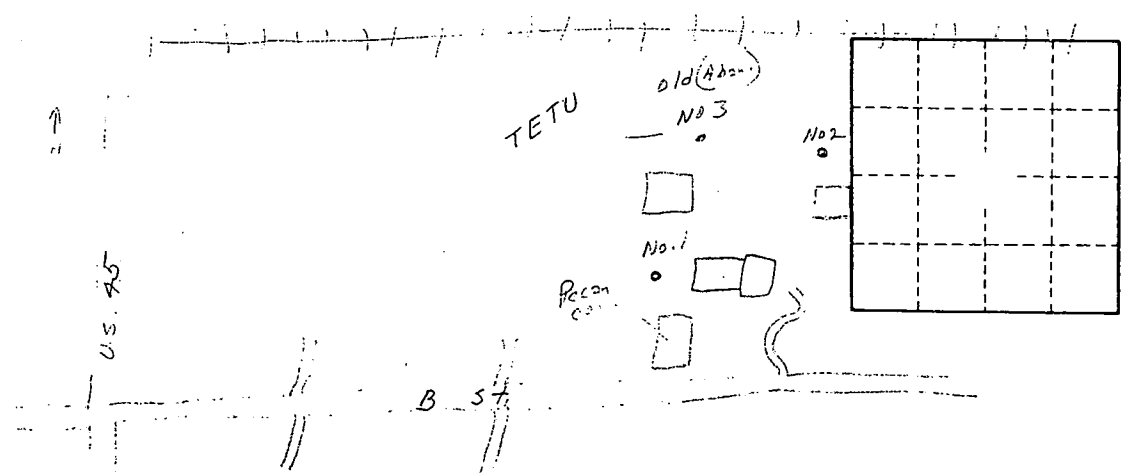
Depth to consolidated rock: ft Source of data:

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:



32 gpm/ft