

WRD Exp. (GW)
April 1966

REPLACEMENT WELL SCHEDULE

Well No. 56

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

E-109 # 42

Well No. 1

FIELD AND VERIFIED
WATER COMMUNICATION BRANCH

MASTER CARD

Record by TNSHous Source of data _____ Date 1-18-67 Map _____

State Mississippi County Lauderdale

Latitude: 32° 17' 58" N Longitude: 088° 41' 14" W Sequential number: 1

Local well number: 5006AB0305N16E

Local use: 064042 Owner or name: Longcreek WW Assoc.

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

Use of water: P

Use of well: W

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

Hyd. lab. data: MOBIL

Qual. water data; type: USGS Complete 12-27-67

Freq. sampling: Annual Pumpage inventory: yes

Aperture cards: _____ yes

Log data: E-109 to 1032 ft '42 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1020 ft Meas. 1031 ft

Depth cased: 970 ft Casing type: 6.7 Diam. 10x6 in

Finish: S

Method drilled: H

Date drilled: 1-2-67 Pump intake setting: 966 ft

Driller: Long Creek

Lift (type): 1 Deep Shallow

Power (type): 5 Trans. or meter no. _____

Descrip. MP _____

Alt. LSD: 565 Accuracy: C.I. 20

Water Level: 290 ft above MP; 270 ft below LSD Accuracy: rept

Date meas: 1-21-66 Yield: 195 gpm Method determined: 185

Drawdown: _____ Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron 23 ppm Sulfate 10 ppm Chloride 5.6 ppm Hard. _____ ppm

Sp. Conduct 245 K x 10⁶ Temp. 78 °F Date sampled: 26 D67

Taste, color, etc. Field pH = 7.1 CO₂: 20

Comp 185 G.P.M. with 13 ft. of dd.
60# psi

WELL NO. 5

Well No. 56

Latitude-longitude _____ N S _____ d m s

HYDROGEOLOGIC CARD

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

Coastal Plain Drainage Basin: 13P Subbasin:

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

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Lower Wilcox L.W.

Lithology: US Origin: 2 Aquifer Thickness: ft

156 Length of well open to: 50 ft 52 Depth to top of: 875 ft

MINOR AQUIFER: system, series, aquifer, formation, group, Aquifer Thickness: ft

Lithology: Origin: Aquifer Thickness: ft

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

Intervals Screened: 990-1020 1022?

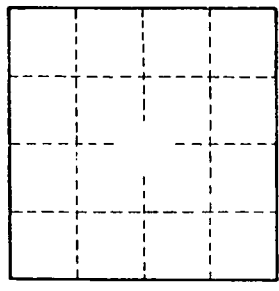
Depth to consolidated rock: ft Source of data:

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:



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