

WRD Exp. (GW)
April 1966

Well No. H 2

WELL SCHEDULE

E log

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

MASTER CARD

Record by R.E. Taylor Source of data Lester Eng Layne Central Date 11-30-65 Map County

State Miss. County Lawrence 2 B 3 9

Latitude: 31 36 20 N Longitude: 08 45 9 46 Sequential number: 2

Lat-long accuracy: 7 20 Sec 3 NE & NW & B & M

Local well number: 40029B0307N20W Other number: _____

Local use: _____ Owner or name: Silver Creek

Owner or name: SILVER CREEK Address: Silver Creek, Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, (U) Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Test 4

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

DATA AVAILABLE: Well data Freq. W/L meas.: None N Field aquifer char.

Hyd. lab. data:

Qual. water data; type: Complete Chemical Analysis C

Freq. sampling: Original Φ Pumpage inventory: yes no period: _____

Aperture cards: yes

Log data: F-log + Samples E

WELL-DESCRIPTION CARD

SAVE AS ON MASTER CARD Depth well: 500 ft 500 Meas. rept 6

Depth cased: 430 ft 430 Casing type: iron; Diam. 6 in 6

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

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: August 1965 9 6 5 Pump intake setting: 120 ft 120

Driller: Layne Central Jackson Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other T Deep Shallow

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

Descrip. MP NONE 275 ft above 275 below LSD, Alt. MP _____

Alt. LSD: 380 380 Accuracy: Instrument 0

Water Level 38 ft above MP; 38 ft below LSD Accuracy: _____ A

Date meas: July 1965 7 6 5 Yield: 85 gpm 85 Method determined 4

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 0.13 2 Sulfate 11 1 Chloride 2.7 0 Hard. 10 0

Sp. Conduct 122 K x 10 1 Temp. 65 F 65 Date sampled 7-20-65 7 6 5

Taste, color, etc. Clear

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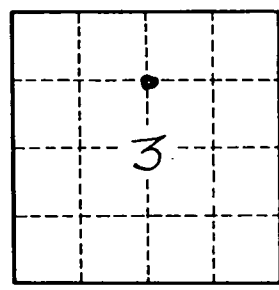
Well No. H2

Latitude-longitude 31, 36, 20^N 89, 59, 46^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Physiographic Province: Coastal Plain 03 Section: East Gulf Coastal
 Drainage Basin: Plain d Subbasin: 13V
 Topo of well site: (D) depression, stream channel, (C) dunes, flat, hilltop, sink, swamp, (E) dunes, flat, hilltop, sink, swamp, (F) dunes, flat, hilltop, sink, swamp, (H) dunes, flat, hilltop, sink, swamp, (K) dunes, flat, hilltop, sink, swamp, (L) dunes, flat, hilltop, sink, swamp, (S) dunes, flat, hilltop, sink, swamp, (T) dunes, flat, hilltop, sink, swamp, (U) dunes, flat, hilltop, sink, swamp, (V) dunes, flat, hilltop, sink, swamp
 MAJOR AQUIFER: Tertiary system, Miocene series, TM aquifer, formation, group, Catahoula ss, CA
 Lithology: med gr. sand Origin: Deltaic 3 Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: _____ 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: 430-490
 Depth to consolidated rock: 60 ft Source of data: _____
 Depth to basement: _____ ft Source of data: _____
 Surficial material: Clayey sand Infiltration characteristics: _____
 Coefficient Trans: _____ gpd/ft Coefficient Storage: _____
 Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Well was drilled and a water sample was obtained from the 500 ft sand unit (H2). Water was unusable and well drilled deeper. Deeper aquifer had usable water and well was completed in two small sand stringers (H1)



Well No. H2