

WELL SCHEDULE 230D PELAHATCHIE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by E.H. Coonell Source of data _____ Date 1955 Map _____

State Miss County Rankin (or town) 61

Latitude: 32° 18' 46" N Longitude: 089° 47' 51" W

Lat-long accuracy: 1 T. 6 S. R. 5 E. Sec 33 T. 5W R. 5W

Local well number: U110CC3306M05E Other number: _____

Local use: _____ Owner or name: PELAHATCHIE Address: _____

Ownership: County, Fed Gov't, 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) P S, (L) Rec, (M) Stock, (N) Insatit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other U

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 φ

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

Aperture cards: _____ yes no

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 563 Meas. 6

Depth cased: _____ ft 503 Casing type: steel ; Diam. 8x6 in 8

Finish: (A) porous concrete, (B) gravel w. concrete, (C) gravel w. (screen), (D) gravel w. gallery, (E) horiz. open perf., (F) screen, (G) sd. pt., (H) shored, (I) open hole, (J) other S

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

Date Drilled: 1927 7.2.7 Pump intake setting: _____ ft _____

Driller: Layne Central

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) noise, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other N Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. Trans. or meter no.

Descrip. MP bottom of well house 16 ft above LSD. Alt. MP _____

Alt. LSD: _____ Accuracy: _____ 4

Water Level 101.62 ft above MP; Ft below LSD 100 Accuracy: _____ A

Date meas: 4-9-56 9.56 field: _____ gpm _____ Method determined _____

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

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

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

Taste, color, etc. _____

TRANSMITTED FOR ADP.

Well No.

Latitude-longitude 32 18 46 089 47 51
d m s d m s

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD _____ Physiographic Province: 03 Section: _____

D Drainage Basin: _____ 137 Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, site: _____
(S) offshore, pediment, (S) hillside, terrace, undulating, valley flat _____

SYSTEM: _____ SERIES: TE LOCKFIELD _____ AQUIFER, FORMATION, GROUP: Cφ

ORIGIN: 3 AQUIFER THICKNESS: _____ ft
LENGTH OF WELL OPEN TO: _____ ft DEPTH TO TOP OF: 60 ft

SYSTEM: _____ SERIES: _____ AQUIFER, FORMATION, GROUP: _____

ORIGIN: _____ AQUIFER THICKNESS: _____ ft
LENGTH OF WELL OPEN TO: _____ ft DEPTH TO TOP OF: _____ ft

PERMEABILITY: _____

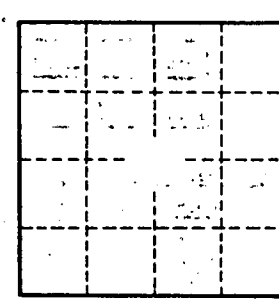
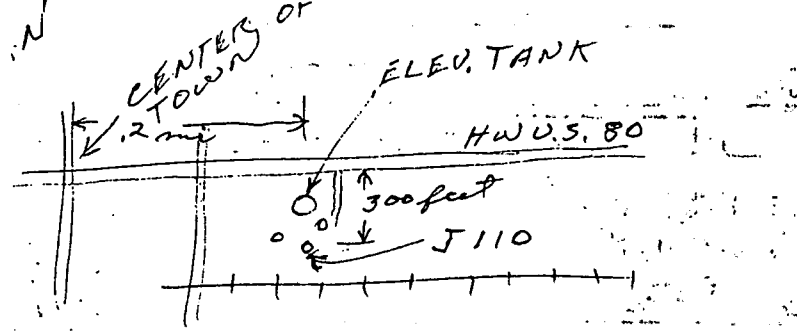
DEPTH TO SOLIDIFIED ROCK: _____ ft SOURCE OF DATA: _____

DEPTH TO WATER TABLE: _____ ft SOURCE OF DATA: _____

INFILTRATION CHARACTERISTICS: _____

EFFICIENT: 13,000 gpd/ft 133 COEFFICIENT STORAGE: 0.008 805

EFFICIENT: 76 gpd/ft²; SPEC CAP: _____ gpm/ft; NUMBER OF GEOLOGIC CARDS: _____



Well has large concrete base
189-132.12

Well No.	Depth (ft)	Description
12-C	24	Sand & shale
24-C	20	Silt & clay
26-C	240	Soapstone
240-C	248	Sand & shale
248-C	250	Hard brittle soapstone
250-C	308	Sandy shale
308-C	338	Soapstone
338-C	377	Sand & shale
377-C	384	Gumbo
384-C	408	Sand & shale
408-C	432	Gumbo
432-C	517	Gumbo & sand
517-C	594	Sand

Well No. J110