

J42
Elog # 389

PURCHASED

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data MSGs Date 3/74 Map _____

State Miss [2] County (or town) RANKIN [61]

Latitude: 32^{deg} 18^{min} 57^{sec} N Longitude: 08^{deg} 94^{min} 73^{sec} W Sequential number: 1

Lat-long accuracy: 2^{deg} 60^{min} 50^{sec} S, R 50^{sec} 33^{min} NE, NE, SW

Local well number: JO424C3306NOSE Other number: Well # 2D

Local use: 064384 Owner or name: PELAHATCHIE Address: _____

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

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

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: Elog 10' 151', 260' - 1021' [E]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: _____ ft Meas. _____ accuracy _____

Depth cased: _____ ft Casing type: _____; Diam. _____ in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), gravel w. gallery, horiz. open end, other _____

Method: air bored, cable, dug, rot., hyd jetted, air percussion, reverse, trenching, driven, wash, other _____

Date Drilled: 2-8-74 9:14 Pump intake setting: _____ ft

Driller: Singer Layne

Lift (type): air, bucket, cent, jet, multiple, (cent.), multiple, (turb.), none, piston, rot, submerg, turb, other _____ Deep _____ Shallow _____

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

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

Alt. LSD: 380 Accuracy: topo [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 _____ ppm Hard. _____ ppm

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

Taste, color, etc. _____

Well No.

Well No. _____

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

03
20 21

Section: _____

D
22

Drainage Basin: _____

13T
23 25

Subbasin: _____

_____ 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ 27

MAJOR AQUIFER: _____ system _____ series _____ 28 29 _____ aquifer, formation, group _____ 30 31

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ 32 33 _____ Depth to top of: _____ ft _____ 34 35 37 _____ 41 43

MINOR AQUIFER: _____ system _____ series _____ 44 45 _____ aquifer, formation, group _____ 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ 48 49 _____ Depth to top of: _____ ft _____ 50 51 53 _____ 54 56 _____ 57 59

Intervals Screened: _____

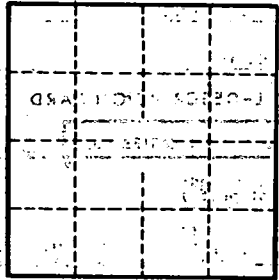
Depth to consolidated rock: _____ ft _____ 60 61 _____ Source of data: _____ 64

Depth to basement: _____ ft _____ 63 64 _____ Source of data: _____ 69

Surficial material: _____ Infiltration characteristics: _____ 70 71 _____ 72

Coefficient Trans: _____ gpd/ft _____ 73 75 _____ Coefficient Storage: _____ 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No.