

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY
FILE COPY

PUNCHED
WATER RESOURCES DIVISION
JUL 11 1973

MASTER CARD

Record by JCM Source of data BCWC Date 7-73 Map _____

State 28 County Pontotoc Sequential number: 58 1

Latitude: 34° 05' 35" N Longitude: 089° 08' 27" W

Lat-long accuracy: 2 T 11 S R 10 W Sec 25 SE SE SE

Local well number: J008AD2511501E Other number: _____

Local use: 079 Owner or name: H. FERGUSON Address: Pontotoc

Ownership: (C) County, Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist, (W) _____ P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Reprussure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____ H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: no, yes

Aperture cards: _____

Log data: _____ D

Well is probably in production by map. This well is probably to replace old well at. It is 2 dep to same

recently pumped

135.00

13.98

121.02

+5 min

139.00

20.14

118.86

11/16/82

16:27

MAM

MP = .5'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 465 ft Meas. 3

Depth cased; (first perf.) 120 ft Casing type: St. Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open gallery, (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other _____ X

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

Date Drilled: 972 Pump intake setting: _____ ft

Driller: Leaper name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____ S Deep 39 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. _____ 3/4 Trans. or meter no. _____ 5

Descrip. MP 380 ft above LSD, Alt. MP _____

Alt. LSD: 268 Accuracy: _____

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

Date meas: N: 7: 2 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 _____

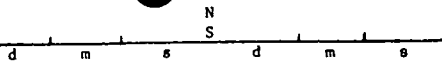
Taste, color, etc. _____

11/20/78

WL = 117.20

Well No.

J-8



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁸ Physiographic Province: 03 ^{20 21} Section: _____

D ²² Drainage Basin: 156 ^{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: _____ ^{28 29} K3 _____ ^{30 31} RJ _____

Lithology: _____ ^{32 33} S _____ ³⁴ Origin: _____ ³⁵ 6 _____ ³⁶ Aquifer Thickness: 115 ft

Length of well open to: _____ ft ³⁷ 115 ³⁸ Depth to top of: _____ ft ³⁹ 350 ⁴⁰

MINOR AQUIFER: _____ ^{41 42} _____ ^{43 44} _____ ^{45 46} _____ ^{47 48} _____ ^{49 50} _____ ^{51 52} _____ ^{53 54} _____ ^{55 56} _____ ^{57 58} _____ ^{59 60} _____

Lithology: _____ ^{61 62} _____ ^{63 64} Origin: _____ ^{65 66} _____ ^{67 68} Aquifer Thickness: _____ ft

Length of well open to: _____ ft ⁶⁹ _____ ⁷⁰ Depth to top of: _____ ft ⁷¹ _____ ⁷²

Intervals Screened: NONE

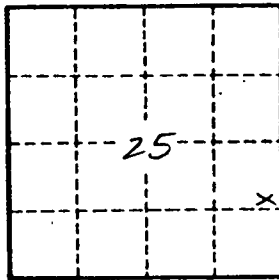
Depth to consolidated rock: _____ ft ⁷³ _____ ^{74 75} Source of data: _____ ⁷⁶

Depth to basement: _____ ft ⁷⁷ _____ ^{78 79} Source of data: _____ ⁸⁰

Surficial material: _____ ^{81 82} _____ ^{83 84} Infiltration characteristics: _____ ⁸⁵

Coefficient Trans: _____ gpd/ft ⁸⁶ _____ ^{87 88} Coefficient Storage: _____ ⁸⁹ _____ ^{90 91}

Coefficient Perm: _____ gpd/ft ⁹² _____ ^{93 94} Spec cap: _____ ^{95 96} gpm/ft; Number of geologic cards: _____ ⁹⁷



Well No. 78

300 10'

301

302

18

162
FEE

14

369

15

377

372

369

370

352

358

386

(341)

DANWELL 2.9 MI.
S.W. TO MISS.

371

23

364

24

19

359

377e

Indian

357

377

337

361

343

377f

358

Buckhorn Ch
Cem

338

25

360

Blount Cem

Buckhorn

0 J 8

377

Creek

355

346

339

337

Indian Creek
Cem

5'

377

345

35

Hopewell Ch

367

30

Creek

Caney

PONTOTOC CO
CALHOUN CO

342

323

PONTOTOC CO
CHICKASAW CO

316

346

339

377

