

WELL SCHEDULE
GEOLOGICAL SURVEY

PUNCHED

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

DEC 10 1974

MASTER CARD (In Settlement)

Record by DJ Nyman Source of data _____ Date 9-59 Map Horn Lake

State MISS County Desoto (or town) 77

Latitude: 345755 N Longitude: 0900216 Sequential number: 1

Lat-long accuracy: 30 T-1 R-8 Sec 27 SE SW

Local well number: B004DC2701S08W Other number: _____ B & M

Local use: 05B Owner or name: Arnett Brothers

Owner or name: ARNETT BROTHERS Address: Horn Lake

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

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) Insit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other I

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 W

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

Hyd. lab. data: _____

Qual. water data: type: _____

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

Aperture cards: _____ yes _____

Log data: Driller Log _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 336' 8" ft 337 Meas. rept accuracy _____ 6

Depth cased: (first perf.) 297 ft 297 Casing type: Steel Diam. 8 in _____ 8

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

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

Date: 954 Pump intake setting: _____ ft _____ 36 38

Driller: Watson Drilling Co. 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 _____ I Deep _____ Shallow _____

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

Descrip. MP breather pipe in pump base on West side of Q8 above _____ below _____ LSD, Alt. MP 253

Alt. LSD: _____ Accuracy: (source) _____ 3

Water Level 40.29 ft above _____ below _____ MP; Ft above _____ below _____ LSD 39 Accuracy: _____ A

Date mea: Aug 18 1960 960 Yield: _____ gpm _____ Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 68

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____ 72

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 77 79

Taste, color, etc. _____

Well No.

B 4

Well No. B 4

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
D Drainage Basin: 16R Subbasin: _____

(D) (C) (E) (F) (H) (K) (L)
Topo of well site: (φ) (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ TE _____ SS _____
system series aquifer, formation, group
Lithology: _____ US **Origin:** _____ 2 **Aquifer Thickness:** _____ ft

 Length of well open to: _____ ft 40 **Depth to top of:** _____ ft 297

MINOR AQUIFER: _____ _____ _____
system series aquifer, formation, group

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

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

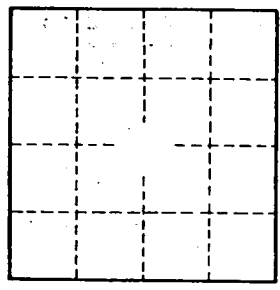
Intervals Screened: _____
Depth to consolidated rock: _____ ft **Source of data:** _____

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: _____



Well No.

B 4