PUNCHED

MSDOH 310001-01

GW-1758

FORM 9-1642 (1-68)

Well No. K21

Elog # 149

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by Q | Source of data MSGS | Date 1/72 | Map Montrose S.

State 28 | County (or town) Jasper 31

Latitude: 32 01 39 N | Longitude: 089 11 52 W | Sequential number: 1

Lat-long accuracy: Z | T 2 N, R 11 E, Sec 8 SE, NE¼, NW¼, SW¼ B & M

Local well number: K02 1AC0802N11E | Other number:

Local use: 1841999 | Owner or name:

Owner or name: TALLAHALA WA | Address:

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

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) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — P

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: Mason 12/71 USGS 6/72 — C

Freq. sampling: | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: Elog 11' - 1015' — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: ft 902 | Meas. rept accuracy 3

Depth cased: (first perf.) ft 842 | Casing type: ; Diam. 10 x 6 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, sd. pt., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — 5

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

Date Drilled: 12-20-71 | 971 | Pump intake setting: ft

Driller: name Hruner Drlg. Serv. address

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

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LP gas, wind; H.P. 50 — V | Trans. or meter no.

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

Alt. LSD: 510 | Accuracy: (source) topo — 4

Water Level ft above below MP; Ft above below LSD 235 | Accuracy: — D

Date meas: 1 72 | Yield: gpm 400 | Method determined

Drawdown: ft | Accuracy: | Pumping period hrs

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

Sp. Conduct 360 K x 10^6 | 3 | Temp. °F 255 | Date sampled 6 72

Taste, color, etc. pH = 7.1

Well No. K21

235 10' 60' 6" perf.

Well No. K21

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: _____ 03 (20–21) Section: _____

D (22) Drainage Basin: _____ 130 (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series TE (28–29) SPRT aquifer, formation, group (30–31) 55

Lithology: _____ US (32–33) Origin: _____ 2 (34) Aquifer Thickness: 95 ft

95 (35–37) Length of well open to: .012 ft 60 (38–40) Depth to top of: _____ ft 830 (41–43)

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

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: _____

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

Depth to basement: _____ ft (65–68) Source of data: _____ (69)

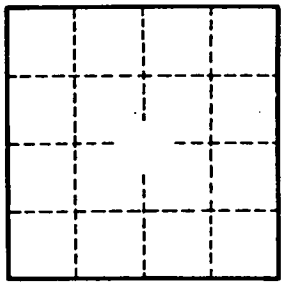
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

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

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Eng Victor Mc Lendon

835' 10"



Well No. K21

GPO 937-142

ELOG 149

JASPER
K21
3-72

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG CODED

MARCH 1972 GRINER DRILLING SERVICE JASPER
date well completed | firm name | county well located

LANDOWNER: TALLAHALA WATER ASSOCIATION, CAMP WELL
Bay Springs, Miss.
(mailing address)

WELL LOCATION:
sec. 8 T 2 (N) R 11 (E) W
SW/4 NW/4 NE/4 SW/4
3 miles E of BAY SPRINGS
(distance) (direction) (nearest town)

WELL PURPOSE:
(home, irrigation, (municipal), industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 10 3/4"
(2) total depth (feet) 902'
(3) static water level (feet) 232 (below) above top of ground.
(4) casing B.T. (material), 837' (depth),
10 3/4 (size) if telescope see back.
(5) screen 60' (length), 841' (depth to top)
6" (size), .010 opn. (material) 304 S.S.
(6) pump 50 (HP) 400 (yield gpm)
Electric (type power) Subm.
(7) electric log Yes (yes or no)
MGS (organization running log)
(8) how well bottom plugged Back Wash Valve

DRILLERS REMARKS:

description of formations encountered	from	to
Top Soil	0	3
Sand, fine	3	32
Clay	32	51
Sand	51	66
Clay	66	82
Sand & Sandy Clay	82	140
Clay	140	440
Sand w/ Clay streak	440	482
Clay	482	502
Sand	502	515
Clay	515	520
Clay w/ limerock	520	763
Sand	763	778
Clay	778	796
Sand	796	816
Clay	816	828
Sand, coarse	828	926
Clay	926	937
Sand, Coarse	937	978
Clay	978	1002
Sandy Clay	1018	1014

CODED

MAR 27 1972

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/8/96

UNIT DEQ #: 82859 FILE #: B080821A

HEALTH DEPT. #: 31000 1-01 ELEV. _____

USGS #: Kil OLWR #: GW-1758

OWNER: Tallahala W/A Antioch QUAD: Montrose South

LOCATION: NW-SW S 8 T 2N R 11E COUNTY: Jasper

LOCATION DESCRIPTION: On North side of Jasper Co Rd # 16, .20 mi. East of Hwy 18 (Intersection Turnerville)

CASING DIA: 10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 01' 32.3" LONG. 89° 11' 54.6"

GPS CORRECTED LOCATION: LAT. 32.02616073 LONG. 89.19828419

REMARKS: GPS at well.