0570033-01

FORM 9-1642
(1-68)

Well No. K72 PUNCHED

Elog #131 MAY 14 1975

WELL SCHEDULE

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

MASTER CARD

Record by Q Source of data BOWC MSGS Date 6/79 Map Osyka

State Miss [28] County (or town) PIKE [57]

Latitude: [31 02 43 N] deg min sec N S Longitude: [090 29 27] degrees min sec W Sequential number: [1]

Lat-long accuracy: [2] T 1 N S, R 7 E W, Sec 15 SE¼ SW¼, NW¼, SW¼

Local well number: K 07 2 CC 1 501 N 07 E Other number: B & M

Local use: [18413] Owner or name:

Owner or name: MISS HWY DEPT Address:

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

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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other 1T [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.: [Φ] Field aquifer char. [ ]

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: MOCN yes [ ]

Log data: Elog 10' - 422' [DE]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft [411] Meas. rept accuracy [3]

Depth cased: (first perf.) ft [371] Casing type: ; Diam. in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other [S]

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

Date Drilled: 5-8-74 [974] Pump intake setting: ft [ ]

Driller: Griner Drlg Sou. name 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, nat gas, gasoline, hand, LP gas, wind; H.P. 5 [U] Trans. or meter no.

Descrip. MP 375 ft above below LSD, Alt. MP

Alt. LSD: [360] Accuracy: (source) topo [4]

Water Level ft above below MP; ft above below LSD [90] Accuracy: [D]

Date meas: [674] Yield: gpm [50] Method determined [ ]

Drawdown: ft [ ] Accuracy: [ ] Pumping period hrs [ ]

QUALITY OF WATER DATA: Iron ppm [ ] Sulfate ppm [ ] Chloride ppm [ ] Hard. ppm [ ]

Sp. Conduct K x 10^6 [ ] 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 (1–19) Physiographic Province: _____ 03 (20–21) Section: _____

_____ D (22) Drainage Basin: _____ 14H (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series TM (28–29) _____ aquifer, formation, group M2 (30–31)

Lithology: _____ 45 (32–33) Origin: _____ 3 (34) Aquifer Thickness: 80+ ft

(35–37) Length of well open to: _____ ft 40 (38–40) Depth to top of: _____ ft 340 (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: _____

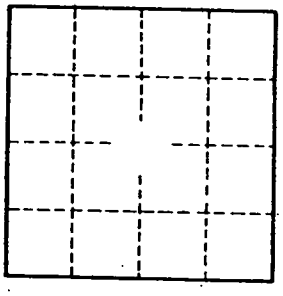
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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)



Well No.

PIKE
K72
6-74
E Log #131

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

CODED

WATER WELL DRILLERS LOG

JUNE 1974 — date well completed
GRINER DRILLING SERVICE — firm name
PIKE — county well located

LANDOWNER: HOSPITALITY STATION - Ed Air Project
CHATAWA, MISS.
SHERMAN CONSTRUCTION Co.
(mailing address)

WELL LOCATION: SW/4 SW/4 SW/4
sec. 15 T 1 (N) (S) R 7 (E) (W)
_____ miles _____ of _____
(distance) (direction) (nearest town)

WELL PURPOSE: HEAD SIDE MOTEL
(home, irrigation, (municipal), industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 4"
(2) total depth (feet) 411 Ft.
(3) static water level (feet) 90' (below) above top of ground.
(4) casing B.I. (material), 357 Ft. (depth)
4" (size) If telescope see back.
(5) screen 40' (length), 371 Ft. (depth to top)
2" (size), 304 S.S. (material)
(6) pump 5 (HP) 50 (yield gpm)
Elect. (type power)
(7) electric log Yes (yes or no)
MGS (organization running log)
(8) how well bottom plugged BAR WASH VALVE

DRILLERS REMARKS:

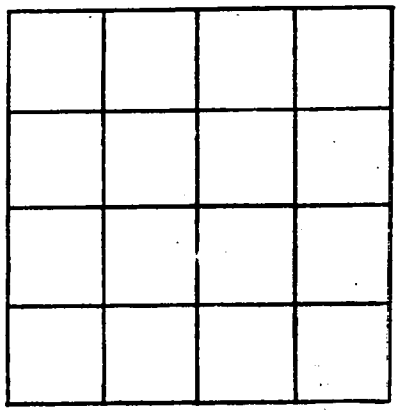
description of formations encountered	from	to
Top Soil	0	3
Clay	3	10
Coarse Sandy Gravel	10	156
Clay (Sandy)	156	194
Coarse Sand & Gravel	194	299
Clay	299	334
Coarse Sand	334	425

CODED

Temp. Pump - 3/4 H.P. @ 5 GPM

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SHBishop + CA Hornbeak DATE: 6/19/96

UNIT DEQ #: 82859 FILE #: B061917B

HEALTH DEPT. #: 570033-01 ELEV. _____

USGS #: _____ OLWR #: K72

OWNER: Pike County Welcome Center QUAD: Osyka

LOCATION: SW-SW S 15 T 1N R 7E COUNTY: Pike

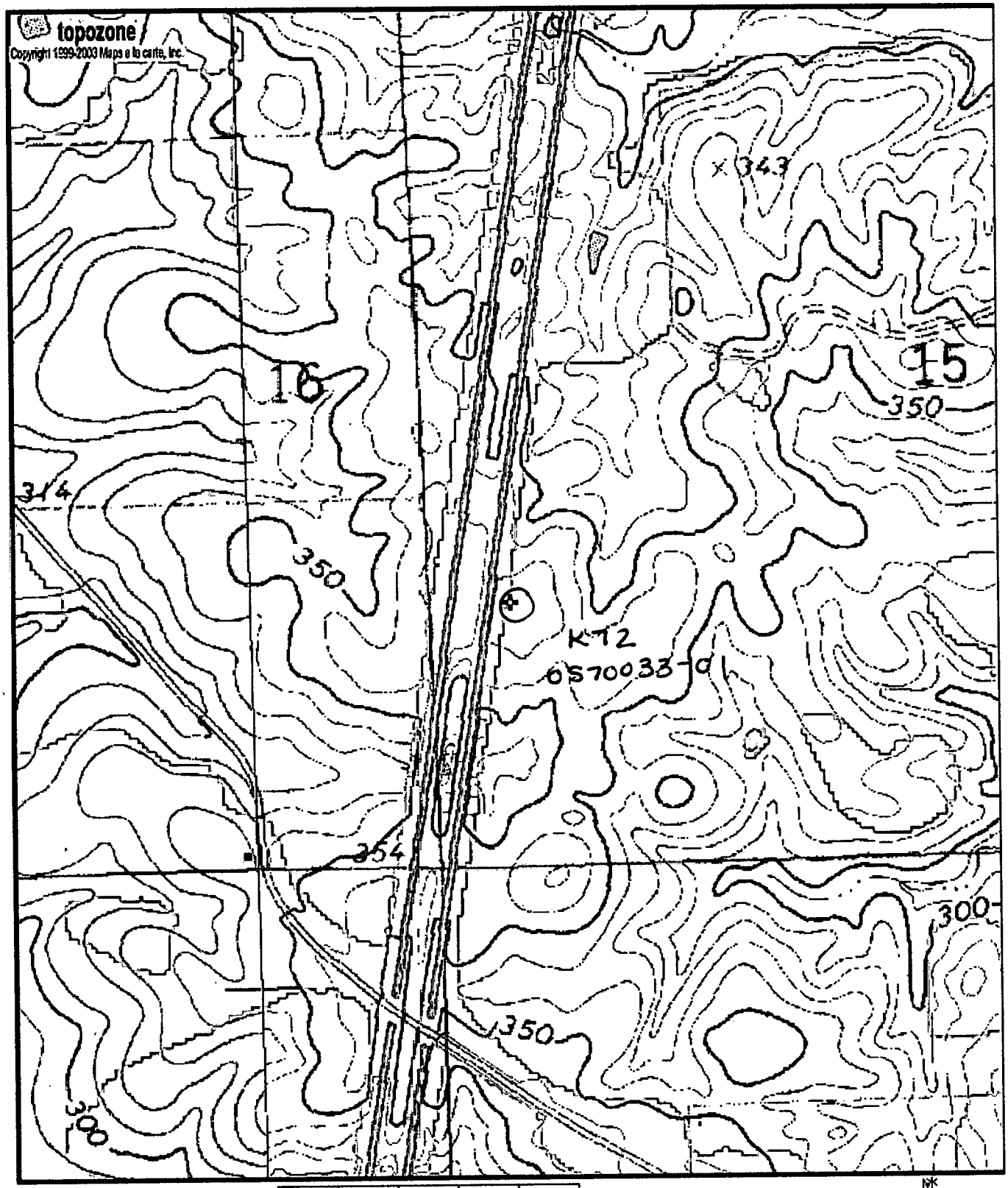
LOCATION DESCRIPTION: East side of I-55 N. Bound Lane at welcoming Center

CASING DIA: 4" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 31° 02' 52.1" LONG. 90° 29' 43.7"

GPS CORRECTED LOCATION: LAT. ~~90.~~ 31.04762501 LONG. 90.49562659

REMARKS: GPS at well.
Well is on North side of Welcome Center.
in a Brick Pump House with a Brick Fence.
Between Chatawa Exit + Osyka Exit



0 0.1 0.2 0.3 0.4 0.5 km

0 0.1 0.2 0.3 0.4 0.5 mi

Map center is 31° 02' 51"N, 90° 29' 44"W (WGS84/NAD83)
Osyka quadrangle - TopoZone Pro elevation display
Projection is UTM Zone 15 NAD83 Datum

M=0.894
G=1.292