FORM 9-1642
(1-68)

Well No. L46 PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION MAY - 5 1975

MASTER CARD

Record by Q Source of data Bowc Date 2/75 Map

State MS 28 County (or town) Marion 46

Latitude: 31 14 41 N Longitude: 089 49 47 W Sequential number: 1

Lat-long accuracy: 3 T 3 N, R 18 E, Sec 5, SE ¼, SW ¼, SE ¼ B & M

Local well number: L046CD05 03N 18W Other number:

Local use: 184 Owner or name:

Owner or name: REICHHOLD CHEM Address: Columbia, Ms.

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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other N U

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 U

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: Ref Elog #80 10' Ft away D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1130 Meas. rept accuracy 3

Depth cased: (first perf.) ft 910 Casing type: ; Diam. in 12

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) 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: 1/75 975 Pump intake setting: ft

Driller: Griner (name), (address)

11/12/51 27 3.15 23.85 2.0 21.85 147 22 125

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 T Deep Shallow

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

Descrip. MP Top of 2" Riser at 2.0 ft above below LSD, Alt. MP

Alt. LSD: 147 Accuracy: (source) topo 2

Water Level ft above below MP; Ft above below LSD 15 Accuracy: D

Date meas: 175 Yield: gpm 644 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.

U.S. G.P.O. 1972/720-793/96/1303

Well No. _____

Latitude-longitude ____ ' ____ ' ____ N S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD [1–19] Physiographic Province: _____ [0 3] (20–21) Section: _____

[D] (22) Drainage Basin: _____ [1 3 V] (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 [Q G] (28–29) Alluvial aquifer, formation, group [0 A] (30–31)

Lithology: _____ [R] (32–33) Origin: _____ (34) Aquifer Thickness: 73 ft

(35–37) Length of well open to: _____ ft [4 0] (38–40) Depth to top of: _____ ft [6 2] (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: _____

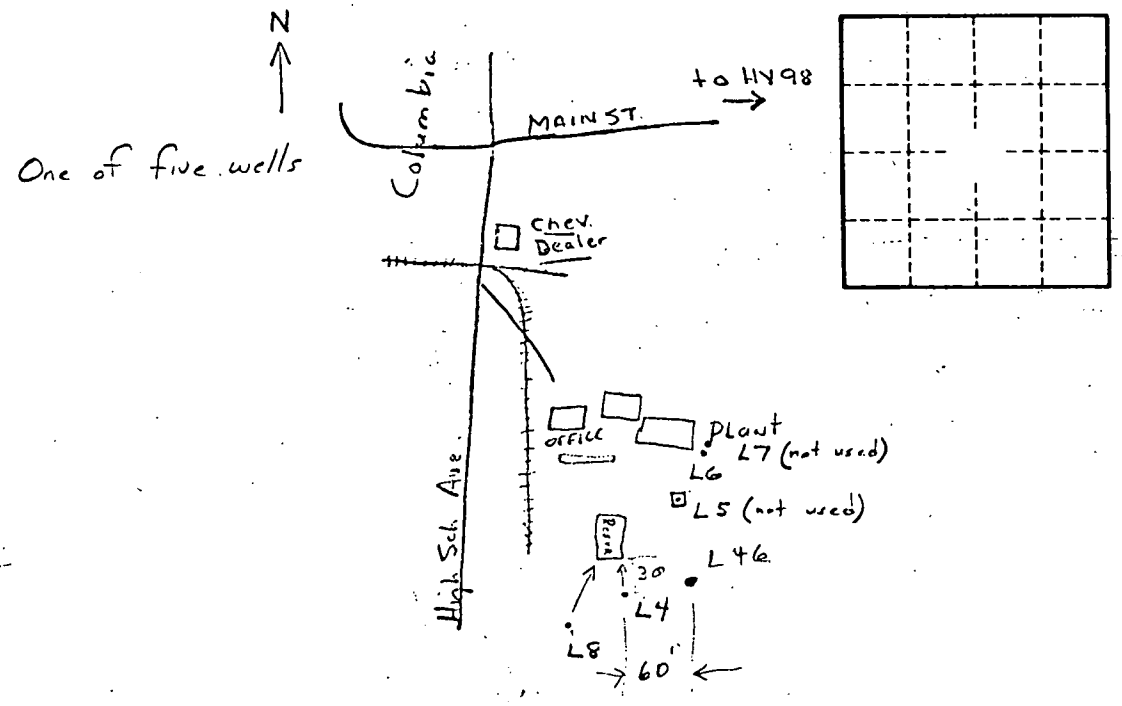
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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)



GPO 937-142