

L41

E Log # 80

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by Q Source of data MSGs Bowc Date 11/73 Map MARION State MISS County (or town) 28 46

MAR 18 1974

Latitude: 31<sup>1</sup>14<sup>2</sup>40<sup>3</sup>N<sup>4</sup> Longitude: 08<sup>12</sup>94<sup>13</sup>94<sup>14</sup>8<sup>15</sup> Sequential number: 1<sup>19</sup>

Local well number: L041CDO503N18W Other number: Formerly Chem-Pro-Int, Inc

Local use: 184080 17550 Owner or name: REICHHOLD CHEM Address: Columbia, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (G) U

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data; type: 0

Freq. sampling: 0 Pumpage inventory: 0 period: 0

Aperture cards: 0

Log data: 10' - 171' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 160 ft Meas. 3

Depth cased: 120 ft Casing type: 12 3/4 in

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

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

Date Drilled: 10/73 973 Pump intake setting: 0 ft

Driller: Griner Drilling

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other T Deep 0 Shallow 40

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 V Trans. or meter no. 0

Descrip. MP 0 ft above LSD, Alt. MP 0 ft below LSD

Alt. LSD: 147 Accuracy: (source) topo 4

Water Level: 20 ft above MP; 0 ft below LSD Accuracy: 0

Date meas: 073 Yield: 1000 gpm Method determined 0

Drawdown: 0 ft Accuracy: 0 Pumping period: 3 hrs

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 K x 10<sup>6</sup> Temp. 0 °F Date sampled 0

Taste, color, etc. 0

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
N  
S  
d m s d m s

02/10/01

HYDROGEOLOGIC CARD

19 SAME AS ON MASTER CARD 20 Physiographic Province: 21 Section: 03

22 Drainage Basin: D 23 Subbasin: 113V 24

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

27 MAJOR AQUIFER: system series 08 28 aquifer, formation, group Alluvium 29 30 31 32 33 34 35

36 Lithology: R 37 Origin: 3 Aquifer Thickness: 38 ft

39 Length of well open to: 90 40 ft 41 Depth to top of: 40 42 ft 43 70 44

45 MINOR AQUIFER: system series 46 aquifer, formation, group 47 48 49 50

51 Lithology: 52 Origin: 53 Aquifer Thickness: 54 ft

55 Length of well open to: 56 ft 57 Depth to top of: 58 ft 59

60 Intervals Screened: 304 S.S. .030 gravel pack

61 Depth to consolidated rock: 62 ft 63 Source of data: 64

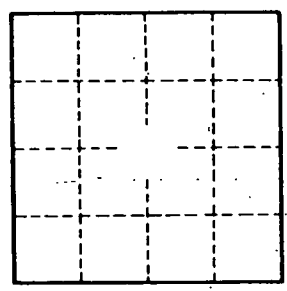
65 Depth to basement: 66 ft 67 Source of data: 68

69 Surficial material: 70 71 Infiltration characteristics: 72

73 Coefficient Trans: 200,000 74 gpd/ft 75 204 76 Coefficient Storage: 77 78

79 Coefficient Perm: 2200 80 gpd/ft<sup>2</sup>; Spec cap: 50 81 gpm/ft; Number of geologic cards: 82

62' - 160' sd + gravel  
160' - 180' Clay



Well No.

HYDRAULICS FORM

SITE ID 31144008949480 Well No. LΦ41

Co. MARION

- 146) Discharge Data (A, M, D) ----
- 147) RECORD SEQUENCE NO. ----
- 148) DATE DISCHARGE MEASURED 1/21/75
- 703) TYPE OF DISCHARGE ----
- 150) DISCHARGE 644 gpm
- 272) Specific Capacity ----
  
- 98) Hydraulic Data (A, M, D) ----
- 790) RECORD SEQUENCE NO. ----
- 100) HYDRAULIC UNIT IC 110 ALVM 122 MOCN <sup>WRD</sup>
- 101) Depth to Top of Interval 70
- 102) Depth to Bottom of Interval 160
- 103) HYDRAULIC UNIT TYPE A
- 104) Remarks ----
- 305) hydraulic Source Agency ----
  
- 105) Coefficients (A, M, D) ----
- 106) RECORD SEQUENCE NO. ----
- 99) SEQUENCE NO. OF PARENT RECORD ----
- 107) Transmissivity (Integer) ~~26,700~~ 24,200
- 108) Horizontal Conductivity 300
- 109) Vertical Conductivity ----
- 110) Storage Coefficient ----
- 111) Leakance ----
- 112) Diffusivity ----
- 113) Specific Storage ----
- 271) Barometric Efficiency ----
- 306) Porosity ----

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