

April 1966

24

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

MASTER CARD

Record by PEG-WTO Source of data C.S. Lowe Plant Super Date 8-3-65 Map County

State Miss County (or town) Marion 28 46

Latitude: 31 14 50 N Longitude: 09 9 4 9 4 3 Sequential number: 1

Lat-long accuracy: 2 30 T. 3 N S, R 18 E Sec 5, SW 1/4, SE 1/4, B & M

Local well number: 1004CD0503N18W Other number: _____

Local use: _____ Owner or name: Reasor Chemical Inc

Owner or name: REASOR CHEMICAL 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, (W) Withdraw, (X) Waste, Destroyed, U

DATA AVAILABLE: Well data Freq. W/L meas.: None N Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: Complete Chem Anal.

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

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 540 ft 540 Meas. rept. 6

Depth cased: 510 ft 510 Casing type: Galv.; Diam. 6 in 6

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

Method Drilled: air bored, cable, dug, (H) hyd. jetted, (J) air percussion, (P) reverse, (R) trenching, (T) driven, (V) drive wash, (W) other H

Date Drilled: 6-63 9-63 Pump intake setting: _____ ft 36 38

Driller: Dean Griner, Columbia Miss.

Lift (type): air, bucket, cent, jet, multiple, (cent.), (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) curb, other N Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. None Trans. or meter no. _____

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

Alt. LSD: 147 Accuracy: (source) _____

Water Level Flows 10 ft above MP; 110 LSD Accuracy: Estimate F

Date meas: 8-3-65 8-65 Yield: 300 gpm _____ Method determined _____

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

QUALITY OF WATER DATA: Iron 2.2 5 Sulfate 11 1 Chloride 4.1 0 Hard. 10 0

Sp. Conduct 74 K x 10⁶ 1 Temp. 71 °F 71 Date sampled 4-27-66 466

Taste, color, etc. Field Sp. Conduct. is 80 @ 71°F

11/2/81
w-l + 15
147
163

Well No. 1
LA

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: East Gulf

Coastal Plain Drainage Basin: 13V Subbasin: 26

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

MAJOR AQUIFER: Tertiary, Miocene T.M Miocene Undiff. M.Z

Lithology: Unconsolidated sd. U.S Origin: DeHue 3 Aquifer Thickness: ft
Length of well open to: 30 ft 30 Depth to top of: ft

MINOR AQUIFER: ft ft ft ft

Lithology: ft ft ft ft

Intervals Screened: 510-540 ft.

Depth to consolidated rock: ft ft Source of data: 64

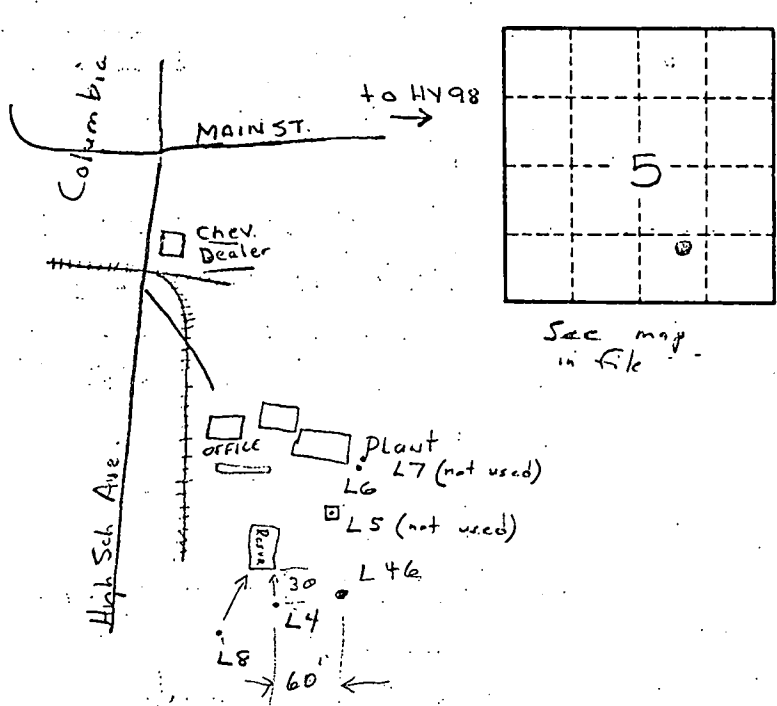
Depth to basement: ft ft Source of data: 69

Surficial material: Sandy Unconsolid. S.U Infiltration characteristics: 72

Coefficient Trans: gpd/ft ft Coefficient Storage: 76 78

Coefficient Perm: gpd/ft² Spec cap: gpm/ft; Number of geologic cards: 79

6" well near
One of five wells



Well No. L4