

WRD Exp. (GW)
April 1966

REPLACEMENT

Well No.

46

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Plant Syner.

Record by Grantham F. Oakley Source of data C.S. Lowe Date 8-4-65 Map

State Miss County 28 (or town) Marion 46

Latitude: 31 14 49 N Longitude: 08 94 93 9 Sequential number: 3

Lat-long accuracy: 3 T. 3 S, R 18 E Sec 5 SW 1 SE 1

Local well number: 4006CD0503N18W Other number: B & M

Local use: Owner or name: Reasor Chemical Co

Owner or name: REASOR CHEMICAL Address: Columbia

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

Use of water: (A) Air cond., Bottling, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (N)

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

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

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

Hyd. lab. data:

Qual. water data; type: USGS

Freq. sampling: Pumpage inventory: no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 500 ft Meas. 500 accuracy 6

Depth cased: 470 ft Casing type: ; Diam. 6 in 6

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (S) (T) (W) (X) (Z)

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

Date Drilled: 9-6-60 Pump intake setting: ft

Driller: S.L. Foxworth

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

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

Descrip. MP above below LSD, Alt. MP

Alt. LSD: 210 Accuracy: (source)

Water Level +25 ft above MP; Ft below LSD +25 Accuracy:

Date meas: 4-17-67 Yield: 467 gpm 240 Method determined

Drawdown: ft Accuracy: Pumping period: hrs

QUALITY OF WATER DATA: Iron 2.0 Sulfate 6.2 Chloride 1.5 Hard. 12

Sp. Conduct 70 K x 10⁶ Temp. 71 °F Date sampled 7-1 264

Taste, color, etc. Field Sp. Conduct. - 75

Well No. L6

Latitude-longitude _____
 N
 S
 d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D **Subbasin:** 13V

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat V

MAJOR AQUIFER: system _____ series TM aquifer, formation, group MZ

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: 30 ft Depth to top of: _____ ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened:

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

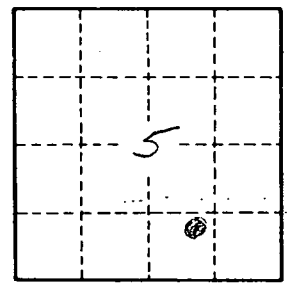
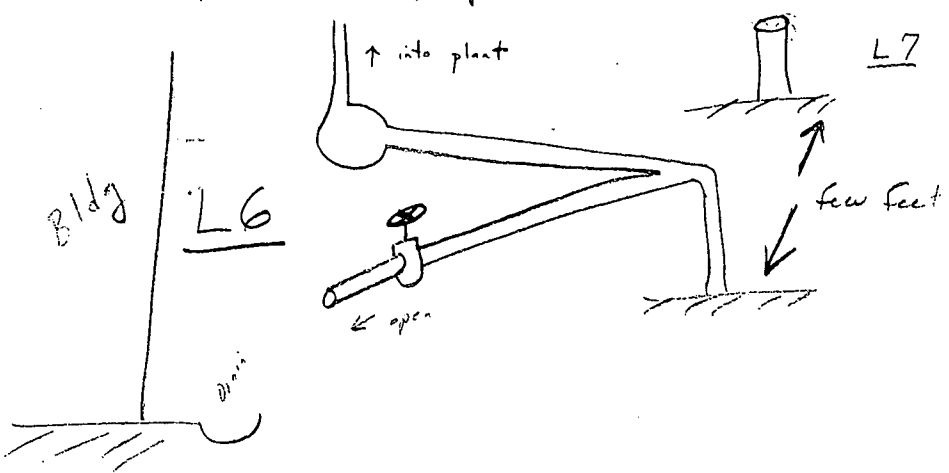
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

6" well behind speciality plant
 Open discharge when not used.
 When in use, water flow in another line
 to booster pump.



See map in file

Well No.

L6