

WRD Exp. (GW)
April 1966

GW02088

Well No.

E18

WELL SCHEDULE

E Log # 109

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCTURED AND VERIFIED
ROLLING AND VERIFICATION BRANCH

MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 10-28-68 Map Crystal Springs

State Mississippi 28 County (or town) Copiah 15

Latitude: 31 59 20 N Longitude: 09 01 74 2 Sequential number: 1

Lat-long accuracy: 2 T. 2 S. R. 1 Sec 27 NW 1/4, NW 1/4, NW 1/4

Local well number: E 018 3 B 270 2 N 01 W Other number: B & M

Local use: 064109 670 60 Owner or name: Northeast Copiah Wtr. Assoc.

Owner or name: N. E. COPIAH W. A. A. Address: _____

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, U

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

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

Hyd. lab. data: _____

Qual. water data; type: MSBH 12/68 USGS 10/70

Freq. sampling: _____ Pumpage inventory: period: _____

Aperture cards: _____

Log data: E Log 50-476 CTHL

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 310 Meas. rept 3

Depth cased; (first perf.) 270 Casing type: Steel; Diam. 18 X 8 in 18

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: air rot., bored, cable, dug, rot., hyd jetted, percussion, air reverse, rotary, trenching, driven, wash, other U

Date Drilled: 10-68 9:68 Pump intake setting: _____ ft 36 38

Driller: Layne Central Co. (Hood) Jackson Miss

Lift (type): air, bucket, cent., jet, (cent.), multiple, (cent.), multiple, (turb.), none, piston, rot., submerg, turb, other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 60 Y Trans. or meter no. _____

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

Alt. LSD: 430 430 Accuracy: CI 10' 4

Water Level: _____ ft above below MP; Ft below LSD 197 Accuracy: _____ D

Date meas: 10-68 Yield: _____ gpm 173 Method determined 61

Drawdown: _____ ft 42 Accuracy: _____ 0 Pumping period 2

QUALITY OF WATER DATA: Iron 18 Sulfate 12 Chloride 4 Hard. 9

Sp. Conduct 224 K x 10⁶ 2 Temp. 20.0 Date sampled 070

Taste, color, etc. pH 7.1

Well No.

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Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: **03** Section: _____

D Drainage Basin: **13T** Subbasin: _____

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

MAJOR AQUIFER: **TM** system series _____ aquifer, formation, group **CA**

Lithology: **3** Origin: **3** Aquifer Thickness: _____ ft

38 Length of well open to: _____ ft **49** Depth to top of: **273** ft

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

38 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: _____

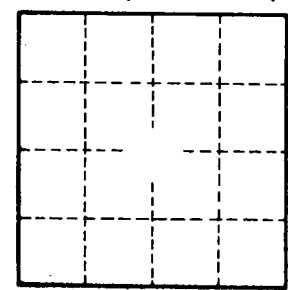
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: **8000** gpd/ft **802** Coefficient Storage: _____

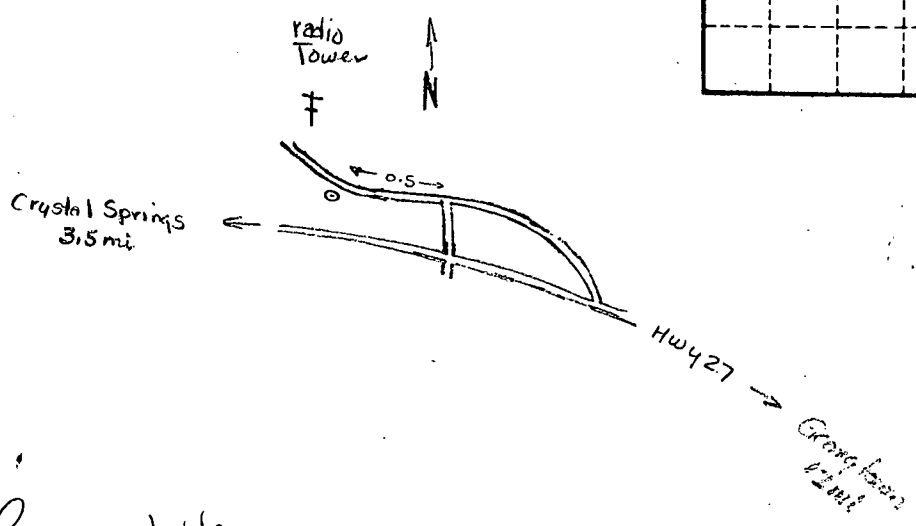
Coefficient Perm: **210** gpd/ft²; Spec cap: **6.0** gpm/ft; Number of geologic cards: _____

MSBH Chem. anal. says WL 173 + 79' dd at 173 gpm

T.H. Howard maint man - Crystal Springs 892-4193



2-21-96
WL 177.05
PH = 7.1



Ragan Walters
Fred Little

Well No.

E18

UNITED STATES DEPARTMENT OF THE INTERIOR
 Geological Survey
 Water Resources Division

PUNCHED and VERIFIED
 ROLLA COMPUTATION BRANCH

TMCA

Water Quality
 (ppm)

E18

Card Q

State: 28 County: 15 Town: N.E. COPIAH W.A

Well No. Latitude 315920N Longitude 0901742 Seq. No. 1 Date 102170

Sampling Depth 310 Type 1 Kx10⁶ 224 pH 7.1 Temp. °F 200

SiO₂ 42 Ca 2.8 Mg 5 Na 49 K 2.9

HCO₃ 126 CO₃ 0 SO₄ 12 Cl 4 Source No. 1 Q

Card R

Duplicate Columns 1-25 from Card Q

F 1 NO₃ 0 PO₄ 1 B 1 Al 1 Fe 18

Mn 1 Cu 1 Pb 1 Zn 1

Determined 178 Solids 172 Ca, Mg 9 Hardness 9 Non-Carb. 0

Color 0 No. R

Card S

Duplicate Columns 1-25 from Card Q

Br 1 I 1 Alk. as CaCO₃ 1 Free CO₂ 1 SAR 1

RSC 1 ABS 1 1 1

Alpha (pc/l) 1 Beta (pc/l) 1 Ra (pc/l) 1 U (ug/l) 1

No. 80

Recorded by: WTR

Punched by: _____ Date: _____
 Published: _____