

WRD Exp. (GW)  
April 1966

Well No. E 16  
E109 # 104

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WTO Source of data MSGs Date 7/28/70 8-27-68 Map

State 28 County (or town) COPIAH 15

Latitude: 31<sup>deg</sup> 58<sup>min</sup> 11<sup>sec</sup> N Longitude: 090<sup>degrees</sup> 20<sup>min</sup> 09<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 20 T. 2 S. R. 1 Sec 31 NW SE NE

Local well number: E 016 D A 31 02 N 01 W Other number: T.H.#5

Local use: 037104 768 66 Owner or name: Blain Sand + Gravel #2

Owner or name: BLAIN SAND & GRAVEL Address: Crystal Springs

Ownership: County (C) Fed Gov't (F) City, Corp or Co (M) Private (N) State Agency (P) Water Dist (W) N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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: MSGs Elog 11'-123'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 120 ft Meas. rept accuracy 6

Depth cased: (first perf.) 96 ft Casing type: 12 in; Diam. 12 in

Finish: porous concrete, gravel w. (perf.), (screen), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other P

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) rot., (F) air rot., (G) percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 7/26/68 968 Pump intake setting: 36 ft 38

Driller: Delta Drilling Co. Greenwood

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no.

Descrip. MP Hole in side of 12" casing 1.5 ft above LSD, Alt. MP 3

Alt. LSD: 470 Accuracy: (source) topo 3

Water Level: 85.3 ft above MP; 84 ft below LSD Accuracy: A

Date meas: 7/31/68 768 Yield: 554 gpm Method determined 1

Drawdown: 8 ft Accuracy: 1 Pumping period 1 hrs

QUALITY OF WATER DATA: Iron 1 ppm Sulfate 1 ppm Chloride 1 ppm Hard. 1 ppm

Sp. Conduct 19 K x 10<sup>6</sup> Temp. 67 °F Date sampled No sample 568

Taste, color, etc. 1

Well No.

E 16

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

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** 03 **Section:** \_\_\_\_\_  
19 20 21

D **Drainage Basin:** 13T **Subbasin:** \_\_\_\_\_  
22 23 25 26

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

**MAJOR AQUIFER:** \_\_\_\_\_ TP \_\_\_\_\_ CI \_\_\_\_\_  
system series aquifer, formation, group 28 29 30 31

**Lithology:** \_\_\_\_\_ R **Origin:** \_\_\_\_\_ 2 **Aquifer Thickness:** \_\_\_\_\_ ft  
32 33 34

35 **Length of well open to:** \_\_\_\_\_ ft 27 **Depth to top of:** \_\_\_\_\_ ft 35  
35 37 38 40 41 43

**MINOR AQUIFER:** \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
system series aquifer, formation, group 44 45 46 47

**Lithology:** \_\_\_\_\_ \_\_\_\_\_ **Origin:** \_\_\_\_\_ \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft  
48 49 50

\_\_\_\_\_ **Length of well open to:** \_\_\_\_\_ ft \_\_\_\_\_ **Depth to top of:** \_\_\_\_\_ ft \_\_\_\_\_  
51 53 54 56 57 59

**Intervals Screened:** \_\_\_\_\_

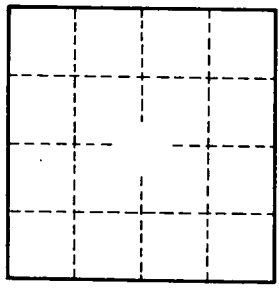
**Depth to consolidated rock:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_  
60 63 64

**Depth to basement:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_  
65 68 69

**Surficial material:** \_\_\_\_\_ **Infiltration characteristics:** \_\_\_\_\_  
70 71 72

**Coefficient Trans:** 150,000± **gpd/ft** 154 **Coefficient Storage:** W-T \_\_\_\_\_  
73 75 76 78

**Coefficient Perm:** 4300 **gpd/ft<sup>2</sup>**; **Spec cap:** 66 **gpm/ft**; **Number of geologic cards:** \_\_\_\_\_  
77 79



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