

WELL SCHEDULE

E-log #3

20002-02

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RN Source of data Reconstructed Date 2/4/71 Map Corinth

State 4 County 28 (or town) Alcorn 0.2

Latitude: 35° 56' 24" N Longitude: 088° 30' 32" W Sequential number: 1

Lat-long accuracy: 2 T. 2 N. 7 R. 7 W. Sec 1, NE 1/4, SW 1/4, NE 1/4

Local well number: 018CA0102507E Other number: City #6

Local use: 064003 063 22 Owner or name: City of Corinth

Owner or name: CORINTH Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z) P

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data: _____

Qual. water data; type: USGS 2/30

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

Aperture cards: _____ yes no

Log data: E Log 0-460', Driller TD. 520' DE

TRANSMITTED FOR ADE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 485 ft Meas. 3

Depth cased: 435 ft Casing type: _____; Diam. 16 in 18 (Permit)

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

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

Date Drilled: 1959 9:59 Pump intake setting: _____ ft

Driller: Layne-Central address _____

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

Descrip. MP >482 ft above/below LSD, Alt. MP _____

Alt. LSD: 50 ft Accuracy: Hand leveled from BM

Water Level: 223 ft above/below MP; Ft below LSD Accuracy: _____

Date meas: 573 Yield: 900 gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct 64 K x 10⁶ Temp. 64 °F Date sampled 2/23/60 260

Taste, color, etc. _____

IN 11 1974

by topo.

Well No.

G 15

Well No. 418

Latitude-longitude N
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d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 16L Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series Y _____ aquifer, formation, group PZ

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

80 Length of well open to: _____ ft 50 Depth to top of: _____ ft 405

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: 453-483 (permit)

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

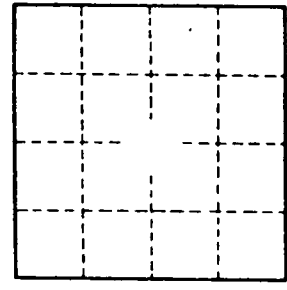
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

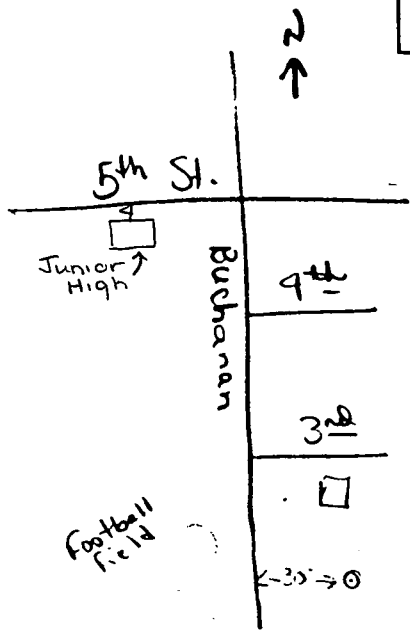
Coefficient Trans: 40,000 gpd/ft 403 Coefficient Storage: _____

Coefficient Perm: 500 gpd/ft²; **Spec cap:** 22 gpm/ft; **Number of geologic cards:** _____

101 4/59 WL = 221.2 (1988)
 107 8/10/60
 116.7 9/27/61 WL = 130' - (1963)



- clay 18 60
- sandy clay 8 68
- hard clay 219
- sand. sh. shale 265
- shale boulders 266
- no. sh. 341
- rock 344
- sandy shale 33 377
- rock 9 386
- rock 25 409
- rock 22 431
- rock 24 455
- rock 22 477
- rock 17 494
- rock 6 500



Well No. 418