

6W 617 SW Pontotoc

FORM 9-1642 (1-68)

Well No. G28

WELL SCHEDULE
GEOLOGICAL SURVEY

E log # 14

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

NOV 14 1972

MASTER CARD

Record by W Smith Source of data Dr 19 Date 14/3/71 Map 870

State 28 County Pontotoc 58

Latitude: 34 17 44 N Longitude: 089 00 37 Sequential number: 1

Lat-long accuracy: 3 T. 10 S. R. 3 E. Sec 5 SE NW t. NE t. NW

Local well number: G028A B0510 S03E Other number: C.G. #1

Local use: 064014 Owner or name: City of Pontotoc

Owner or name: PONTOTOC Address: _____

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

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) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other P

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: USGS 9-25-61 Nov. 72

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

Aperture cards: _____ yes no

Log data: Drilled to 1315'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Dept. well: _____ ft 1239 Meas. 3

Depth cased; (first perf.) _____ ft 1164 Casing type: _____; Diam. 10x6 in 10

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

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

Date Drilled: 961 Pump intake setting: _____ ft _____

Driller: Layne C. name _____ 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): elec nat, LP, gas, gasoline, hand, gas, wind, H.P. 75 Trans. or meter no. _____

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

Alt. LSD: _____ 465 Accuracy: (source) _____ 7

Water Level: _____ ft above MP; _____ ft below LSD 240 Accuracy: _____ G

Date meas: 361 Yield: 70 # 500 gpm Method determined _____

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

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

Sp. Conduct 345 K x 10⁶ _____ Temp. _____ 240 Date sampled N72

Taste, color, etc. pH=8.1

470 on top heading

Says City No. 4 on old well sched.

Well No.

G28

Well No. G28

Latitude-longitude _____ N
S

STEEL B.M. V. 084

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 13B

Topo of well site: (D) (C) (E) (P) (R) (K) (L) _____
 (Ø) (P) (S) (T) (U) (V) _____

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group E2 + G10

Lithology: _____ Origin: 2 Aquifer Thickness: 90 or more

Length of well open to: _____ ft 7.5 Depth to top of: _____ ft 117

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: _____

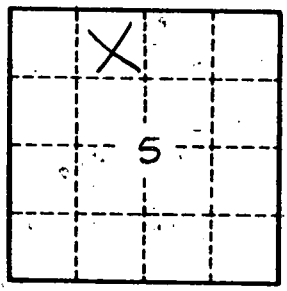
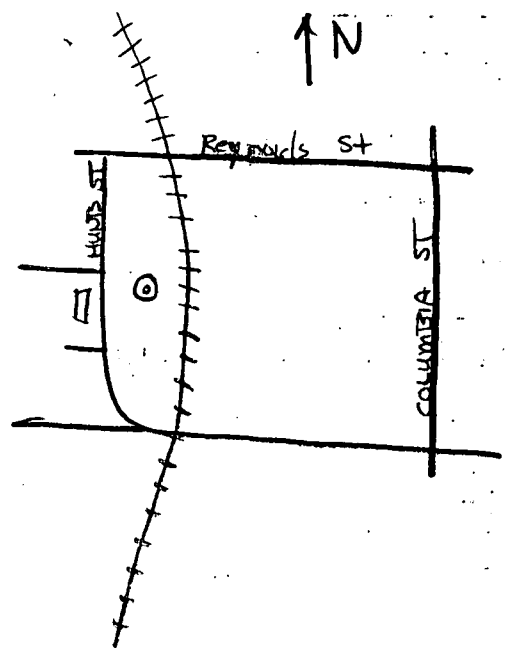
Depth to consolidated rock: _____ ft _____ Source of data: _____

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: _____

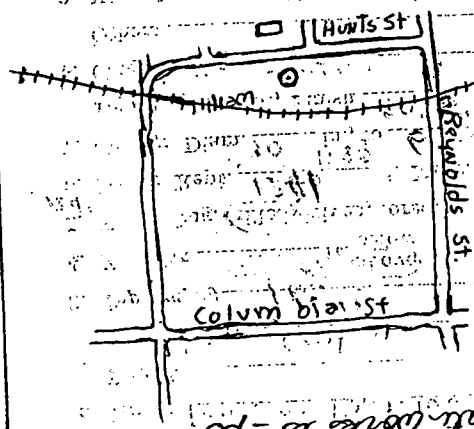


75' of 6" screen

old well sched.
has Driller's Log
0-13/5'

Well No. G28

1283-1283 Rocky Gravel } Gravel
 1241-1278 Gumbo
 1213-1241 Sd + Gravel
 1211-1213 Hard sh
 1166-1211 Sd + Gravel
 1161-1166 Hard sh
 1157-1161 Sd + Gravel



1150-1157 Hard sh
 1109-1150 Fine sd + sh
 1097-1109 Sd sh
 1087-1097 Hard sh
 1022-1087 Sd sh
 1012-1022 Hard sh
 985-1012 Sd sh
 764-985 Hard sh
 730-764 Sd sh
 275-730 Hard Soap Stone
 271-275 Rock
 208-271 Gumbo
 203-208 Rock
 187-208 Sd sh
 167-187 Sd + Rock strks
 115-167 Rock + Sd Stone
 108-115 Rock
 50-108 Soap Stone
 35-50 Rock + little Sd
 31-35 Clay
 23-31 Rock
 0-23 Clay

This well is 30' higher
 than wells @ Well Works
 water works to 1435'

from any well shed.

WATER RIGHTS MAP

SOUTHWEST PONTOTOC QUADRANGLE MISSISSIPPI-PONTOTOC CO. 7.5 MINUTE SERIES (TOPOGRAPHIC)

3232 14
(SHERMAN 1:62 500)

