

6W-02804 (WA)  
620010-02

Primary *MW* APR 22 1975  
D28

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES

Elog #119

**PUNCHED**  
MAR 20 1974

MASTER CARD

Record by 0 Source of data Bowc MSGS Date 10/73 Map Sebastopol

State Miss 28 County (or town) SCOTT 62

Latitude: 323306N Longitude: 0892139 Sequential number: 1

Lat-long accuracy: 20 T 8 R 90 W, Sec 10 NESE t, NW t, SE t

Local well number: D028BD1008N09E Other number: B & M

Local use: 064119 Owner or name: SEBASTOPOL WA Address: At Chicken Plant

12/1/88  
159.67  
J.E.

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

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

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

Log data: Elog 38' - 1125' D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 55.2 ft Meas. rept 3

Depth cased: 47.2 ft Casing type: 16x8 in; Diam. 16

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perc., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 3

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

Drilled: 9-18-73 973 Pump intake setting: 38 ft

Driller: SINGER-LAYNE

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 40 Shallow 39

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 100 V Trans. or meter no. 385

Descrip. MP 385 ft above LSD, Alt. MP 4

Alt. LSD: 380 Accuracy: topo

Water Level: 110 ft above MP; 110 ft below LSD Accuracy: D

Date meas: 073 Yield: 600 gpm Method determined 60

Drawdown: 60 ft Accuracy: 60 hrs 60

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 Hard. 72

Sp. Conduct 73 K x 10<sup>6</sup> Temp. 74 °F Date sampled 77 79

Taste, color, etc. 79

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

HYDROGEOLOGIC CARD

SAME AS MASTER CARD

Physiographic Province: \_\_\_\_\_

03  
20 21

Section: \_\_\_\_\_

D  
22

Drainage Basin: \_\_\_\_\_

13T  
23 25

Subbasin: \_\_\_\_\_

26

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

27

MAJOR AQUIFER:

system \_\_\_\_\_

series \_\_\_\_\_

TE  
28 29

aquifer, formation, group \_\_\_\_\_

MW  
30 31

Lithology: \_\_\_\_\_

S  
32 33

Origin: \_\_\_\_\_

2  
34

Aquifer Thickness: \_\_\_\_\_

95 ft

Length of well open to: \_\_\_\_\_ ft

80  
38 40

Depth to top of: \_\_\_\_\_

460

460 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: \_\_\_\_\_

64

Depth to basement: \_\_\_\_\_ ft

\_\_\_\_\_

Source of data: \_\_\_\_\_

69

Surficial material: \_\_\_\_\_

\_\_\_\_\_

Infiltration characteristics: \_\_\_\_\_

72

Coefficient Trans: \_\_\_\_\_ gpd/ft

\_\_\_\_\_

Coefficient Storage: \_\_\_\_\_

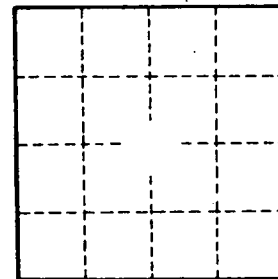
\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

79



Well No. \_\_\_\_\_

OK for 5/03

GW 2804

**SCOTT**  
**D28**  
**10-5-73**  
**Log # 119**  
 10-5  
 date well completed

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

1973 *Singer Land Central Div* *Scott*  
 firm name county well located

LANDOWNER:	description of formations encountered	from	to
<i>Sebastopol Water Association</i>	<i>Red Clay</i>	0	20
<i>Sebastopol, Miss</i>	<i>Coarse Sand</i>	20	35
(mailing address)	<i>Clay &amp; Lime Shale</i>	35	75
WELL LOCATION:	<i>Shale &amp; Clay Shale</i>	75	100
sec. <u>10</u> T. <u>8</u> N. R. <u>9</u> E	<i>Hard Clay</i>	100	122
(distance) miles (direction) of (nearest town)	<i>Sand</i>	122	146
WELL PURPOSE: <i>Domestic</i>	<i>Shale</i>	146	148
(home, irrigation, municipal, industrial)	<i>Rock</i>	148	152
WELL COMPLETION DATA:	<i>Shale &amp; Lime Shale</i>	152	164
(1) diameter (inches) <u>16"</u>	<i>Shale</i>	164	225
(2) total depth (feet) <u>553'</u>	<i>Rock</i>	225	226
(3) static water level (feet) <u>11</u> above top of ground.	<i>Shale, Lime &amp; Sand Shale</i>	226	456
(4) casing <u>Steel</u> <u>465'</u> (material) (depth)	<i>Hard Clay</i>	456	465
<u>16"</u> if telescope see back. (size) <u>61' 8"</u> (length)	<i>Shale &amp; Shale (beds)</i>	465	536
(5) screen <u>80'</u> <u>472'</u> (length) (depth to top)	<i>Shale &amp; Clay</i>	536	538
<u>8"</u> <u>Steel</u> (size) (material)	<i>Shale</i>	538	555
(6) pump <u>100</u> <u>600</u> (HP) (yield gpm)	<i>Hard Shale</i>	555	612
<u>Electric</u> (type power)	<i>Shale Shale</i>	612	741
(7) electric log <u>yes</u> (yes or no)	<i>Rock</i>	741	743
<u>Miss. Geol. Survey</u> (organization running log)	<i>Shale Shale</i>	743	753
(8) how well bottom plugged <u>Valve</u>	<i>Hard Shale</i>	753	759
DRILLERS REMARKS:	<i>Sand and Shale</i>	759	790
	<i>Shale</i>	790	830
	<i>Shale &amp; Shale</i>	830	920
	<i>Shale</i>	920	929
	<i>Rock</i>	929	930
	<i>Shale</i>	930	985
	<i>Rock</i>	985	987
	<i>Shale &amp; Sand Shale</i>	987	995
	<i>Shale Shale</i>	995	1020
	<i>Rock</i>	1020	1025
	<i>Shale</i>	1025	1038
	<i>Rock</i>	1038	1042
	<i>Shale</i>	1042	1047
	<i>Rock</i>	1047	1051
	<i>Shale</i>	1051	1054
	<i>Rock</i>	1054	1056
	<i>Shale</i>	1056	1075
	<i>Rock</i>	1075	1076
	<i>Shale</i>	1076	1105

Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

JUL 29 04

USER NAME(S): Phillips/Hardin DATE: 4/30/97

UNIT DEQ #: \_\_\_\_\_ FILE #: A043014A

HEALTH DEPT. #: 620010-02 ✓ ELEV. ~~383~~ 385 <sup>www</sup> 7/29/04

USGS #: D28 <sup>www</sup> 7/29/04 OLWR #: GW-02804 <sup>www</sup> 7/29/04

OWNER: Sebastopol W.A. QUAD: Sebastopol

LOCATION: NWSE S 10 T8N R9E COUNTY: Scott

LOCATION DESCRIPTION: At chicken plant on Hwy 21

CASING DIA: 16" PUMP TYPE & SIZE: Turbine; 100 HP

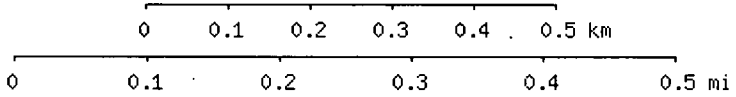
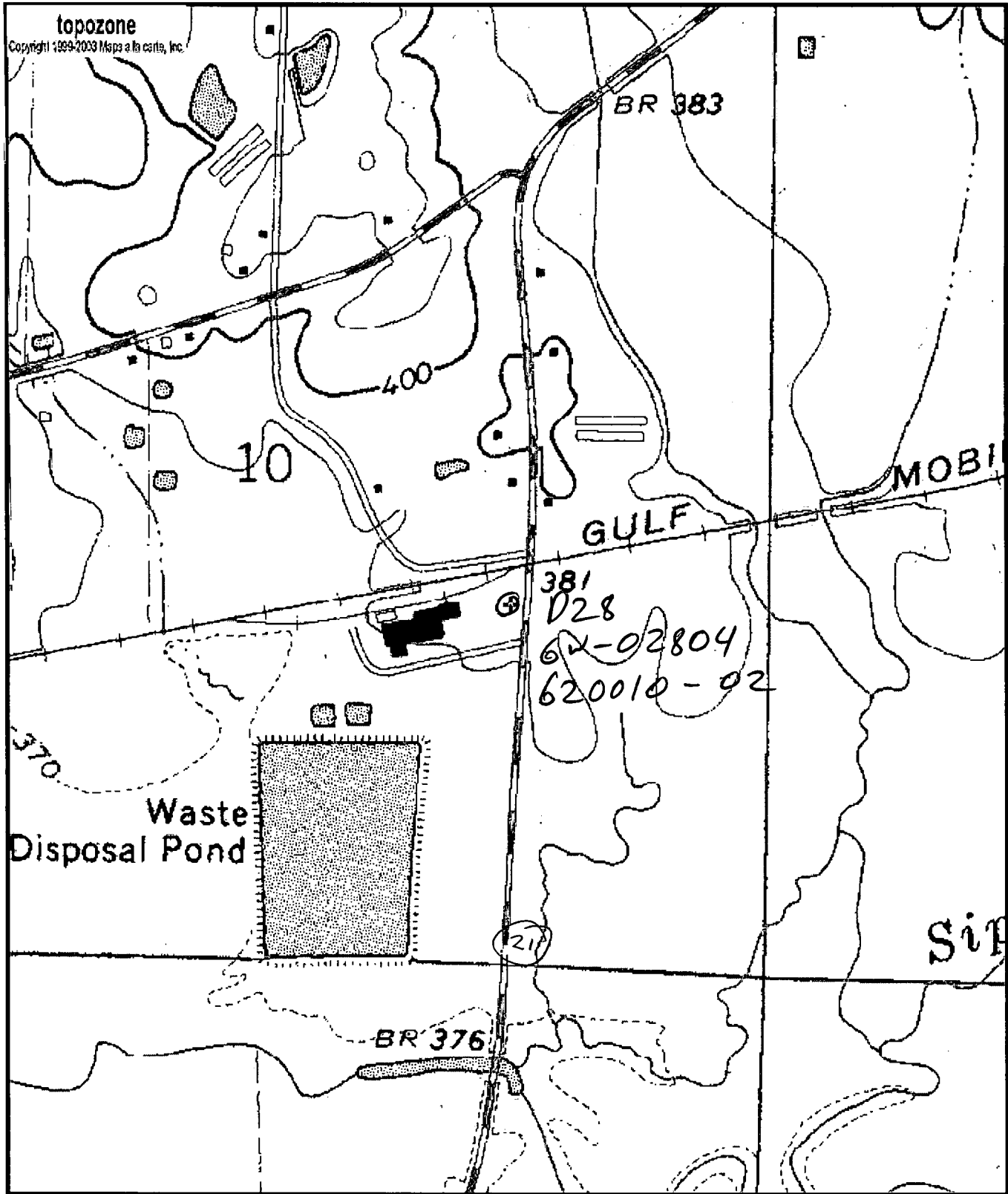
GPS FIELD LOCATION: LAT. 32° 33.014' N LONG. 89° 21.484' W

GPS CORRECTED LOCATION: LAT. 32.550256 LONG. 89.35806324

REMARKS: Measured 15' west of well

9/13/00 www/CBB (measured at well)  
32.55026 89.35802

tagged  
LWW  
10/19/04  
32.55026  
89.35799



Map center is 32° 33' 01"N, 89° 21' 29"W (WGS84/NAD83)

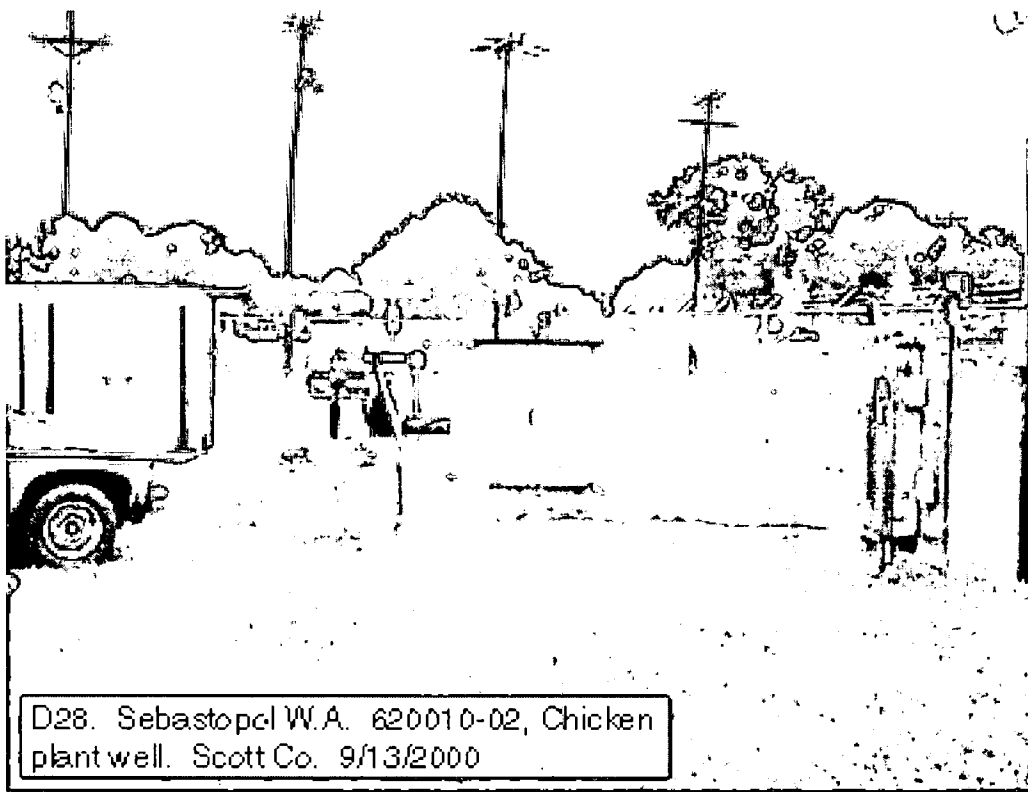
Sebastopol quadrangle

Projection is UTM Zone 16 NAD83 Datum

*ww/cbb*  
*9/13/00*



M=0.829  
G=-1.269



**Department of Environmental Quality**  
**Office of Land and Water Resources**

**Ground Water Permit**  
**General Report**

**Permit Number:** MS-GW-02804

**County:** SCOTT

**Owner:** SEBASTOPOL WATER ASSOCIATION

**Aquifer:** MUWX

**USGS No:** D0028

**BOH No:** 0620010-02

**Location:** NW 1/4 of the SE 1/4 of SEC 10 TWN 08N RNG 09E **Lat:** 323301 **Long:** 892129

**Quad:** SEBASTOPOL

**District:** N/A

**Date Issued:** 13-MAY-86

**Date Renewed:** 25-JUN-96

**Date Expired:** 13-MAY-06

**Applicant:** SEBASTOPOL WATER ASSOCIATION

**Owner:** SEBASTOPOL WATER ASSOCIATION

**Address 1:** P. O. BOX 110

**Address 1:** P. O. BOX 110

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** SEBASTOPOL

**City:** SEBASTOPOL

**State:** MS **Zip:** 39359

**State:** MS **Zip:** 39359

**Driller:** LAYNE CENTRAL

**Maximum Rate:** 600

**Amount Withdrawn Acre feet:** 224.0638.

**Amount Withdrawn Mgd:** .2

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 16

**Length:** 411

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 8

**Length:** 80