

620006-01

Primary MUWX

GW-00784(WA)

Well No.

P 20

APR 22 1975

FORM 9-1642 (1-68)

Elog # 88

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MAR 20 1974

Water for  
Irrig

MASTER CARD

12/16/88

WL-205.30

Record by WTR Source of data MSGs Date 9/70 Map HomeWOOD

State 28 County (or town) SCOTT 62

Latitude: 32<sup>deg</sup> 14<sup>min</sup> 08<sup>sec</sup> N Longitude: 08<sup>deg</sup> 93<sup>min</sup> 02<sup>sec</sup> W Sequential number: 11

Lat-long accuracy: 2<sup>0</sup> T. 5<sup>0</sup> S. R. 8<sup>0</sup> W. Sec 32<sup>SE</sup> NW NW NW

Local well number: P020B83205N08E Other number: B & M

Local use: 145088 D70 12 Owner or name: HomeWOOD, WA Address: HomeWOOD

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) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) 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, (M) Other W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  yes  no  period:

Aperture cards:  yes

Log data: Elog 10' - 701' D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1540 ft Meas. 3

Depth cased; (first perf.) 1505 ft Casing type: 8x4 in; Diam. 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other G

Method Drilled: (A) air rot, (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: 970 Pump intake setting: 294 ft 294

Driller: Comans 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 S Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20  Trans. or meter no. 20

Descrip. MP 460 ft above below LSD, Alt. MP 4

Alt. LSD: 460 Accuracy: 1

Water Level: 173 ft above below MP; Ft below LSD 173 Accuracy: D

Date meas: 1179 Yield: 160 gpm 120 Method determined A

Drawdown: 120 ft Accuracy: 2 hrs 2

QUALITY OF WATER DATA: Iron 570 ppm Sulfate 4 ppm Chloride 310 ppm Hard. 070 ppm

Sp. Conduct 570 K x 10<sup>6</sup> 4 Temp. 310 °F Date sampled No sample 070

Taste, color, etc. Cloudy

Well No.

020

Well No. P20

Latitude-longitude \_\_\_\_\_  
N  
S

HYDROGEOLOGIC CARD

**SAME AS ON MASTER CARD** 03 **Physiographic Province:** \_\_\_\_\_ **Section:** \_\_\_\_\_

D **Drainage Basin:** 11310 **Subbasin:** \_\_\_\_\_

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

**MAJOR AQUIFER:** \_\_\_\_\_ TE \_\_\_\_\_ MIM \_\_\_\_\_  
system series aquifer, formation, group

**Lithology:** \_\_\_\_\_ S **Origin:** \_\_\_\_\_ Z **Aquifer Thickness:** \_\_\_\_\_ ft

28 **Length of well open to:** \_\_\_\_\_ ft 35 **Depth to top of:** 1490 ft 149

**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:** .020 gage 32' of 4"

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

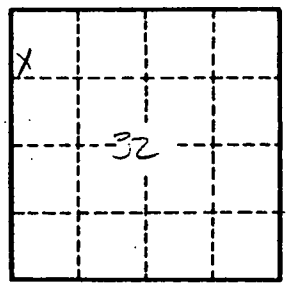
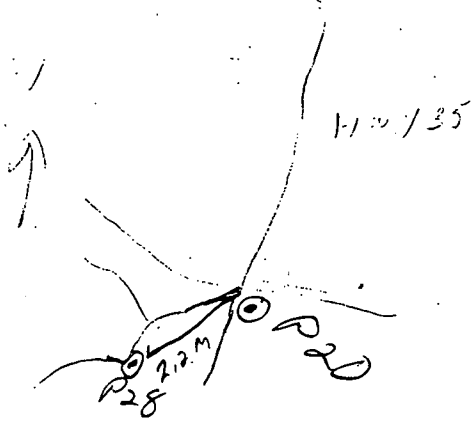
**Depth to basement:** \_\_\_\_\_ ft \_\_\_\_\_ **Source of data:** \_\_\_\_\_

**Surficial material:** \_\_\_\_\_ **Infiltration characteristics:** \_\_\_\_\_

**Coefficient Trans:** 2800 gpd/ft 282 **Coefficient Storage:** \_\_\_\_\_

**Coefficient Perm:** 100 gpd/ft<sup>2</sup>; **Spec cap:** 1.15 gpm/ft; **Number of geologic cards:** \_\_\_\_\_

146'  
0/70 (148) (4)



Well No.

P20

SCOTT

ELOG #88

P20

MISSISSIPPI BOARD OF WATER COMMISSIONERS

FEB 19 1971

7-28-70

WATER WELL DRILLERS CODED

MISS. BD. OF WATER COMM.

Date: 7-28, 1970, Driller: Conant Drilling County: Statt  
(When well drilled) (Name) (Where well is located)

Bob

5 pages

(1) Owner of Land: Homewood Amn  
(Name)  
Homewood Amn  
(Address)

(2) Location: SW 1/4 NW 1/4, Sec. 32 T5 R8  
10 miles South of Forest  
(distance) (direction) (Nearest Town)

(3) Topography: X  
(Hilly) (Flat) (Level)

(4) Purpose of Well: Municipal  
(Domestic Irrigation  
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Clay	0	20
Sand	20	80
Clay	80	190
Sandy Clay	190	290
Hard Clay	290	330
Sandy Clay	330	350
Sand	350	450
Sandy Clay	450	490
Sand	490	540
Sandy Clay	540	570
Rocky Clay	570	580
Shalt Rock	580	590
Shalt Rocky Clay	590	680
Hard Clay	680	780
Sandy Clay	780	790
Sand	790	820
Clay	820	840
Sand (Sparta)	840	950
Sandy Clay	950	1000
Hard Clay	1000	1030
Very Hard Rock	1030	1060
Very Gummy Clay	1060	1490
Sandy Clay	1490	1520
Sand (Wilcox)	1520	1540
Sandy Clay	1540	1701
Test was made to 1701		
and		

Information upon completion of well:

(1) Diameter 8" inches.

(2) Total Depth 1540 feet.

(3) Water Level 148 feet below top of ground.

(4) Cased to 1485, Size 8"

(5) Screen: Size 4", Length 35 Ft.

(6) Were any formations sealed against pollution?  
X yes, no.

If YES depth of formation 1485

Why ELOG RUN M.G.S.

Drillers Remarks: Gravel Well

Yield in gpm: 120 GPM

Size pump: 20 H.P.

Type power: Electric

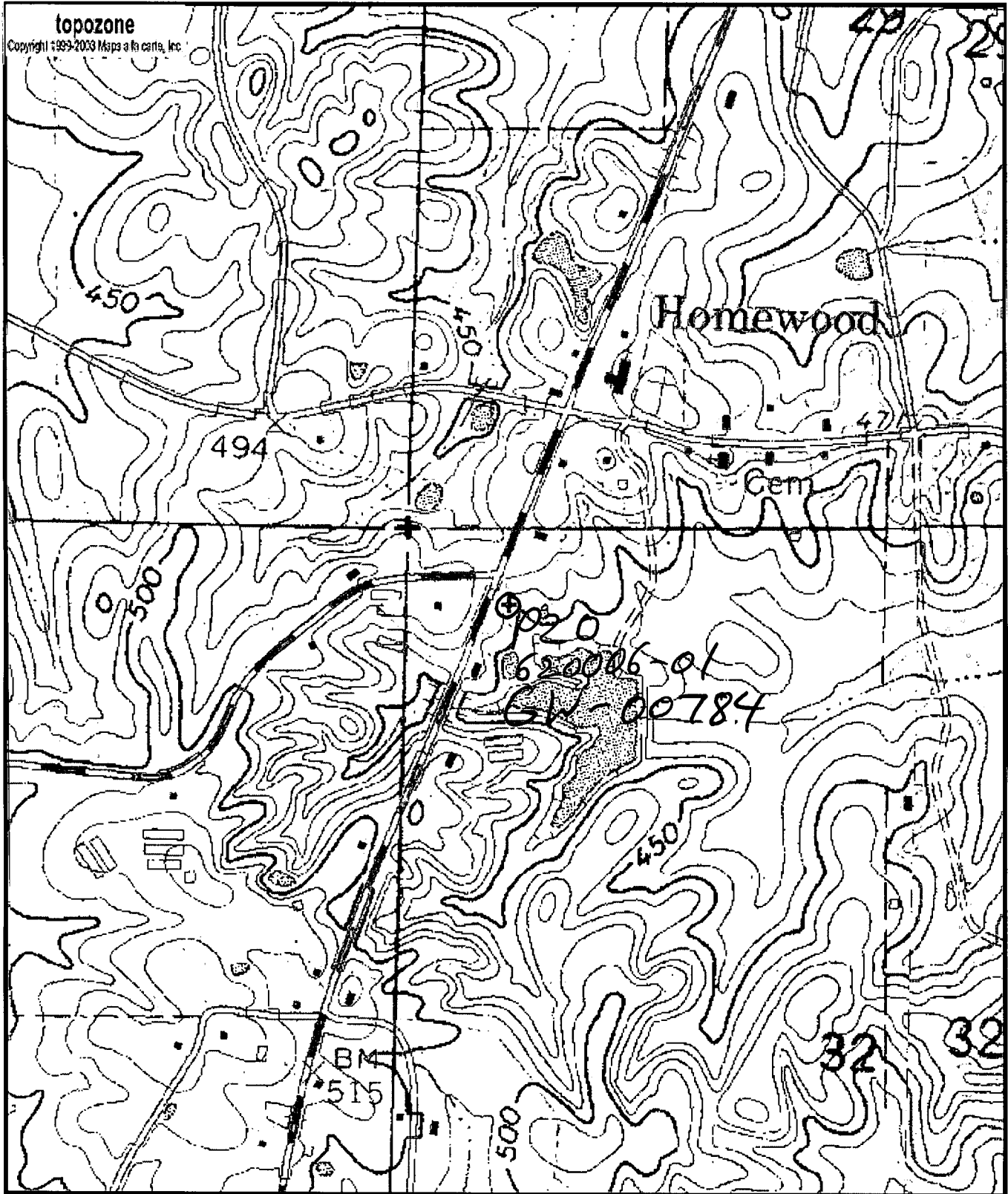
Retain this copy for your office files.

CODED

CODED

②  
The sand that this well  
was made in. Proved to  
have a range of around .006  
for this reason. The well  
was underwound to 22 IN 5-  
& was walled with 20-40  
gravel. underwound from 1500  
to 1545. Screen set from  
1505 to 1540.

BACK  
P 20



0 0.1 0.2 0.3 0.4 0.5 km  
 0 0.09 0.18 0.27 0.36 0.45 mi

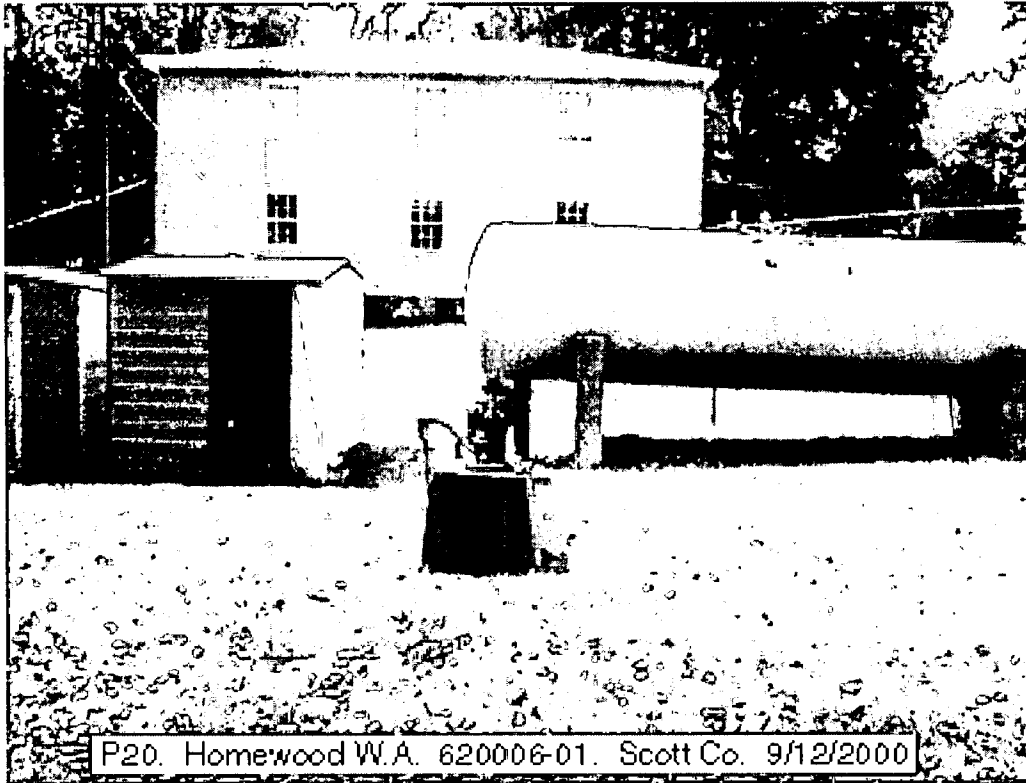
Map center is 32° 14' 14"N, 89° 30' 26"W (WGS84/NAD83)

**Homewood** quadrangle

Projection is UTM Zone 16 NAD83 Datum

*WW*  
 32.237300  
 89.507200

M  
 G  
 M=0  
 G=-1.338



P20. Homewood W.A. 620006-01. Scott Co. 9/12/2000

Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 4/24/97

UNIT DEQ #: \_\_\_\_\_ FILE #: A042419C

HEALTH DEPT. #: 620006-01 ✓ ELEV. 460'

USGS #: P20 ✓ 8/12/04 OLWR #: GW-00784 ✓ 8/12/04

OWNER: Homewood WA QUAD: Homewood

LOCATION: NW/NWS 32 T 5N R 8E COUNTY: Scott

LOCATION DESCRIPTION: West side of Hwy 35 next to Masonic Lodge 0.2 mi south of intersect. w/Morton-Marathon Rd.

CASING DIA: 8 PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 14.225' N LONG. 89° 30.439' W

GPS CORRECTED LOCATION: LAT. 32.23707506 LONG. 89.50730683

REMARKS: measured 60" north of well

LWW  
tagged  
10/20/04  
32.23722  
89.50714

WW/CBB  
9/12/00  
32.237300  
89.507200

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

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

**Permit Number:** MS-GW-00784

**County:** SCOTT

**Owner:** HOMEWOOD WATER ASSOCIATION, INC.

**Aquifer:** MUWX

**USGS No:** P0020

**BOH No:** 0620006-01

**Location:** NW 1/4 of the NW 1/4 of SEC 32 TWN 05N RNG 08E **Lat:** 321414 **Long:** 893026

**Quad:** HOMEWOOD

**District:** N/A

**Date Issued:** 10-DEC-85

**Date Renewed:** 28-NOV-95

**Date Expired:** 10-DEC-05

**Applicant:** HOMEWOOD WATER ASSOCIATION,  
INC.

**Owner:** HOMEWOOD WATER ASSOCIATION, INC.

**Address 1:** P. O. BOX 1058

**Address 1:** P. O. BOX 1058

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** FOREST

**City:** FOREST

**State:** MS **Zip:** 39074

**State:** MS **Zip:** 39074

**Driller:** COMANS WELL DRILLING

**Maximum Rate:** 120

**Amount Withdrawn Acre feet:** 56.016

**Amount Withdrawn Mgd:** .05

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 30

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 4

**Length:** 35