

No driller's log

0570003-01  
6W01790

APR 22 1975

WRD Exp. (GW)  
April 1966

# REPLACEMENT WELL SCHEDULE

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

E1  
E Log # 402

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

## MASTER CARD

Mr. J.E. Carruth Eng.

Record by PE. Grantham

Source of data Drill. + Elog

Date 3-19-66

Map McComb South

State Mississippi

28 County (or town)

Pike

57

Latitude: 31 deg 13 min 05 sec N

Longitude: 090 degrees 24 min 13 sec

Sequential number: 1

Lat-long accuracy: 3

T. 3 S, R. 8 W, Sec 21, NE  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , NW  $\frac{1}{4}$

Local well number: E1001A

2103N08E

Other number: \_\_\_\_\_

Local use: 002102

86625

Owner or name: Homesland Water Assoc

Owner or name: HOMESTEAD WA

WA

Address: Rt #2 McComb

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data 5 Freq. W/L meas.: 0 Field aquifer char. Z

Hyd. lab. data: MOCN

Qual. water data; type: USGS 4/66 MSBOH 8-2-66

Freq. sampling: 4-16-66 Pumpage inventory: 0 yes no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes \_\_\_\_\_

Log data: E Log runs 1468 T.D. was 471

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1363 ft 1363 Meas. rept 3

Depth cased: 1313 ft 1313 Casing type: Steel; Diam. 8x4 in 8

Finish: porous gravel w. concrete, (perfor.), gravel w. screen, (perfor.), horiz. gallery, open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

Method Drilled: air bored, cable, dug, hyd jetted, rot., (C) bored, (D) cable, (H) dug, (J) hyd jetted, (P) air reverse, (R) percussive, (T) rotary, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 3-66 966 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Robert Ralliff, Grenada, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep D Shallow 0

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. \_\_\_\_\_

Descrip. MP Top of pump base 443 10 ft above below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 440.2 440 Accuracy: \_\_\_\_\_ (source) \_\_\_\_\_

Water Level 301 ft above below MP; Ft below LSD 301 Accuracy: \_\_\_\_\_

Date meas: 366 Yield: 182 gpm 182 Method determined 4

Drawdown: 7.3 ft 7 Accuracy: \_\_\_\_\_ Pumping period: 100 hrs 100

QUALITY OF WATER DATA: Iron .45 Sulfate 26 Chloride 8.0 Hard. \_\_\_\_\_

Sp. Conduct 78 K x 10<sup>6</sup> Temp. 78 Date sampled 4-16-66 466

Taste, color, etc. pH 7.2

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

Well No. E1

Latitude-longitude N  
S  
d m s j m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:         

Drainage Basin: 1310 Subbasin:

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

MAJOR AQUIFER: system TM series Miocene aquifer, formation, group MZ

Lithology: 5 Origin: 3 Aquifer Thickness: 175 ft

1175 Length of well open to: 50 ft 50 Depth to top of: 1260 ft A26

MINOR AQUIFER: system          series          aquifer, formation, group          Aquifer         

Lithology:          Origin:          Aquifer Thickness:          ft

         Length of well open to:          ft          Depth to top of:          ft         

Intervals Screened: 1313-1363 50', 4", .020", SS Screen

Depth to consolidated rock:          ft          Source of data:         

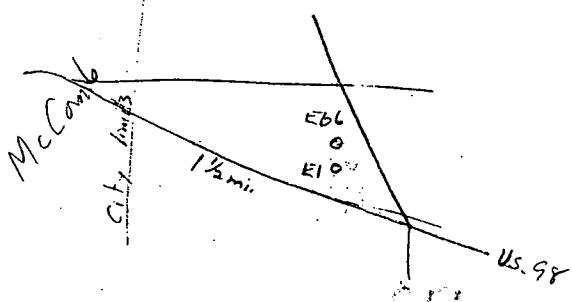
Depth to basement:          ft          Source of data:         

Surficial material:          Infiltration characteristics:         

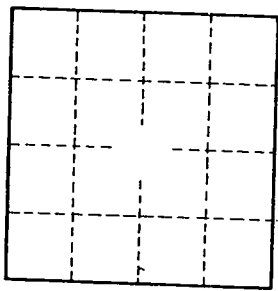
Coefficient Trans: 250,000 gpd/ft 254 Coefficient Storage:         

Coefficient Perm: 1400 ± gpd/ft<sup>2</sup>; Spec cap: 25 gpm/ft; Number of geologic cards:         

489 reported  
WL = 330'±



Site sketch on EBL



Well No.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 6/20/96  
UNIT DEQ #: 82859 FILE #: B062020C  
HEALTH DEPT. #: 570003-01 ELEV. \_\_\_\_\_  
USGS #: E1 OLWR #: GW1790

OWNER: Homestead Water Assoc. QUAD: McComb South  
LOCATION: NE-NW S 21 T 3N R 8E COUNTY: Pike

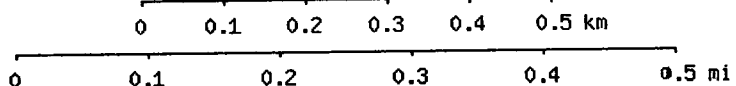
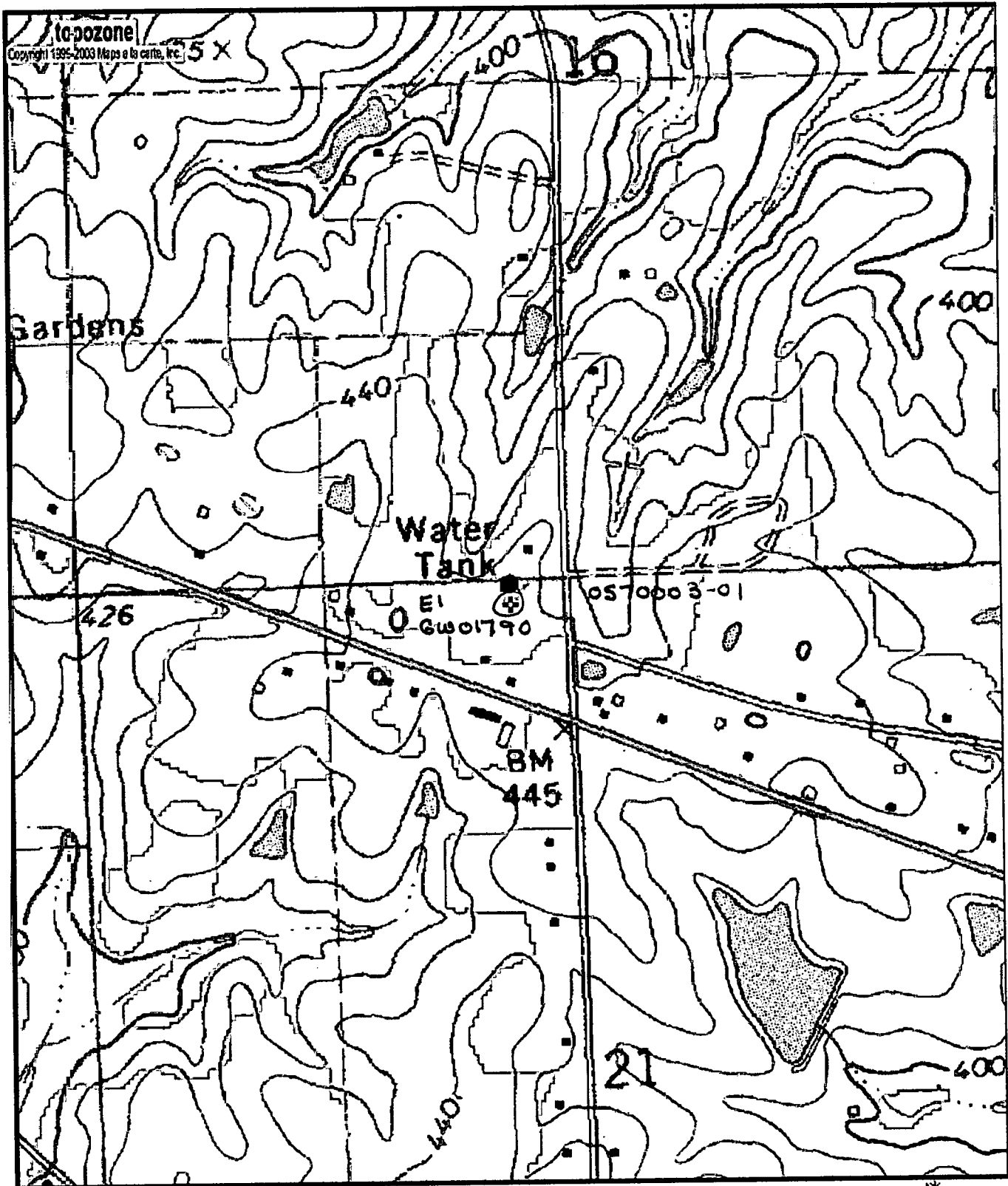
LOCATION DESCRIPTION: AT Elev Tank in NE Corner of

CASING DIA: 8" Intersection of Hwy 98 E + Van Norman Rd.  
well is SE of Elev Tank. PUMP TYPE & SIZE: Elec. 25 HP (SE of McComb)

GPS FIELD LOCATION: LAT. 31°13'06.5" LONG. 90°24'20.3"

GPS CORRECTED LOCATION: LAT. 31.21832711 LONG. 90.40545102

REMARKS: GPS at well.



Map center is 31° 13' 06"N, 90° 24' 19"W (WGS84/NAD83)  
**McComb South** quadrangle - TopoZone Pro elevation display  
 Projection is UTM Zone 15 NAD83 Datum



M=0.814  
 G=1.346