

6W02528  
0570039-01

WRD Exp. (GW)  
April 1966

Well No. E10 APR 22 1975

WELL SCHEDULE  
GEOLOGICAL SURVEY

E-Log # 110  
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

328A

MASTER CARD WTO

Record by PE. Grontham Source of data E Log + Dr. Date 1-5-68 Map McComb South

State Mississippi 28 County (or town) Pike 57

Latitude: 311144N Longitude: 0902013 Sequential number: 2

Lat-long accuracy: 2 T. 3 S. R. 8 W. Sec 30 NE NE SW

Local well number: E010AC3003N08E Other number: 8 & H

Local use: 060 Owner or name: Pike County Bd of Supervisors

Owner or name: PIKE CO IND PK Address: Industrial Park

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

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 IN

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

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

Hyd. lab. data:

Qual. water data; type: USGS 2/68 (1400' zone) Partial 2/68, 4/68 270 (710)

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

Aperture cards: MOCN yes

Log data: E Log 10-1543

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 710 Meas. rept accuracy 3

Depth cased: 650 Casing type: Iron Diam. 10.6 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, other S

Method Drilled: air rot, bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, wash, other H

Date Drilled: 1-5-68 9:6:8 Pump intake setting: 1:9:0

Driller: Griner Well Service, Columbia, 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. 5

Descrip. MP Top of casing 393 3 ft above below LSD. Alt. MP 383

Alt. LSD: 383 283 Accuracy: (source) 1

Water Level: 770 ft above below MP; Ft below LSD 140 Accuracy: D

Date meas.: 1:6:8 Yield: 6:0:0 Method determined 0

Drawdown: 4.9 Accuracy: 0 Pumping period hrs 0

QUALITY OF WATER DATA: Iron .26 Sulfate 4.8 Chloride 30 Hard. 20

Sp. Conduct 156 K x 10<sup>6</sup> 2 Temp. 21.2 Date sampled 2/16/70 270

Taste, color, etc. pH 6.8 Low

PUNCHED  
ROLLA COMPUTATION BRANCH  
PUNCHED and VERIFIED

Well No. E10

Well No. E10 B

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

**HYDROGEOLOGIC CARD**

**Physiographic**  
 Province: 03 Section: \_\_\_\_\_

**Drainage Basin:** D 13U Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** system \_\_\_\_\_ series TIM aquifer, formation, group Miocene MIZ

**Lithology:** US Origin: 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft 60 Depth to top of: \_\_\_\_\_ 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: \_\_\_\_\_

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

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

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

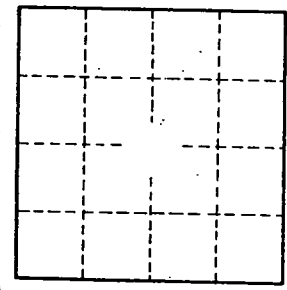
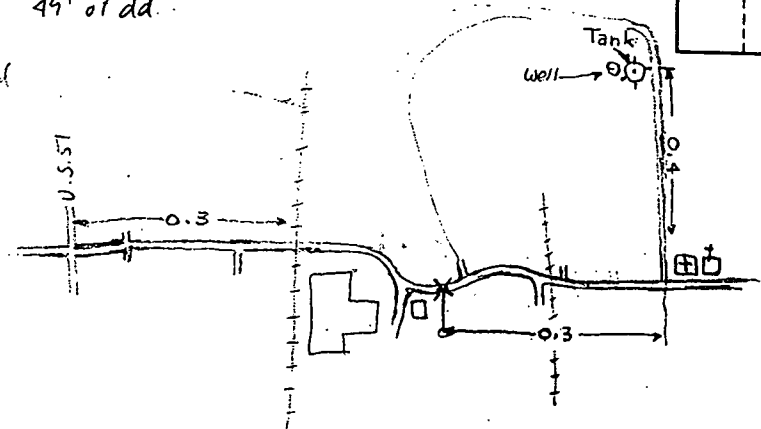
Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: 19.6 gpm/ft; Number of geologic cards: \_\_\_\_\_

Deep-well casing pulled. Well previously was pumped 4 days by submersible pump.

Test hole to 1430' water analysis by M.B.H. Temp. 80° } E10A  
 Depth 1400, WL 330, 30 gpm by 4" slotted pipe.

Final well is E10 B test pumped at 960 gpm with 49' of dd.

Questionable. WL is 301 in Homestead well (E1)



Well No.

E1. of f.o.c. 386.0

GWO2528

~~10-7-74~~  
1-5-68  
U.S.G.S.

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

WATER WELL DRILLERS LOG

1-5 1968 Griner Drier, Inc. Pike  
date well completed firm name county well located

LANDOWNER: <u>Pike county</u>	description of formations encountered	from	to
<u>Industrial Park</u>			
<u>Furnwood, Miss.</u> (mailing address)	<u>Top Soil</u>	<u>0'</u>	<u>10'</u>
WELL LOCATION: <u>NE NE SW</u>	<u>Sand + Gravel</u>	<u>10'</u>	<u>82'</u>
sec. <u>30</u> T. <u>3</u> N. R. <u>8</u> E	<u>Clay</u>	<u>82'</u>	<u>125'</u>
_____ miles _____ of _____	<u>Sand</u>	<u>125'</u>	<u>285'</u>
(distance) (direction) (nearest town)	<u>Clay</u>	<u>285'</u>	<u>310'</u>
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Sand</u>	<u>310'</u>	<u>378'</u>
WELL COMPLETION DATA:	<u>Clay</u>	<u>378'</u>	<u>604'</u>
(1) diameter (inches) <u>10 3/4"</u>	<u>Sand + Shell</u>	<u>604'</u>	<u>634'</u>
(2) total depth (feet) <u>710'</u>	<u>Coarse Sand</u>	<u>634'</u>	<u>712'</u>
(3) static water level (feet) <u>140'</u> below top of ground.	<u>Clay</u>	<u>712'</u>	<u>1262'</u>
(4) casing <u>Steel</u> , <u>648'</u> (material) (depth)	<u>Fine Sand + Shell Break</u>	<u>1262'</u>	<u>1328'</u>
_____ (size) if telescope see back.	<u>Sand</u>	<u>1328'</u>	<u>1385'</u>
(5) screen <u>60'</u> , <u>650'</u> (length) (depth to top)	<u>Clay</u>	<u>1385'</u>	<u>1391'</u>
<u>6"</u> , <u>Stainless Steel</u> (size) (material)	<u>Sand</u>	<u>1391'</u>	<u>1441'</u>
(6) pump <u>75</u> (HP) <u>600</u> (yield gpm)	<u>Clay</u>	<u>1441'</u>	<u>1474'</u>
<u>Electric</u> (type power)	<u>Sand</u>	<u>1474'</u>	<u>1498'</u>
(7) electric log <u>yes</u> (yes or no)	<u>Clay</u>	<u>1498'</u>	<u>1504'</u>
<u>W. S. H. S.</u> (organization running log)			
(8) how well bottom plugged <u>Back</u> <u>wash valve</u>			
DRILLERS REMARKS:			

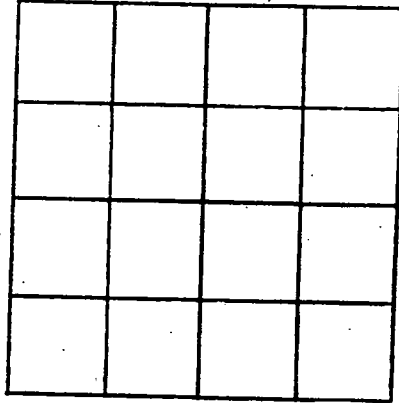
CODED

JAN 22 1968  
MISS. BLDG. OR  
WATER COMM.

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If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 30

Please indicate well location X.

ADDITIONAL INFORMATION

A series of horizontal lines for entering additional information.

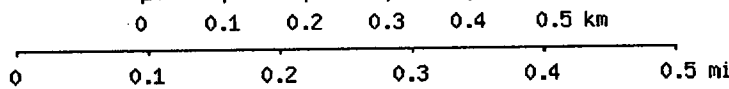
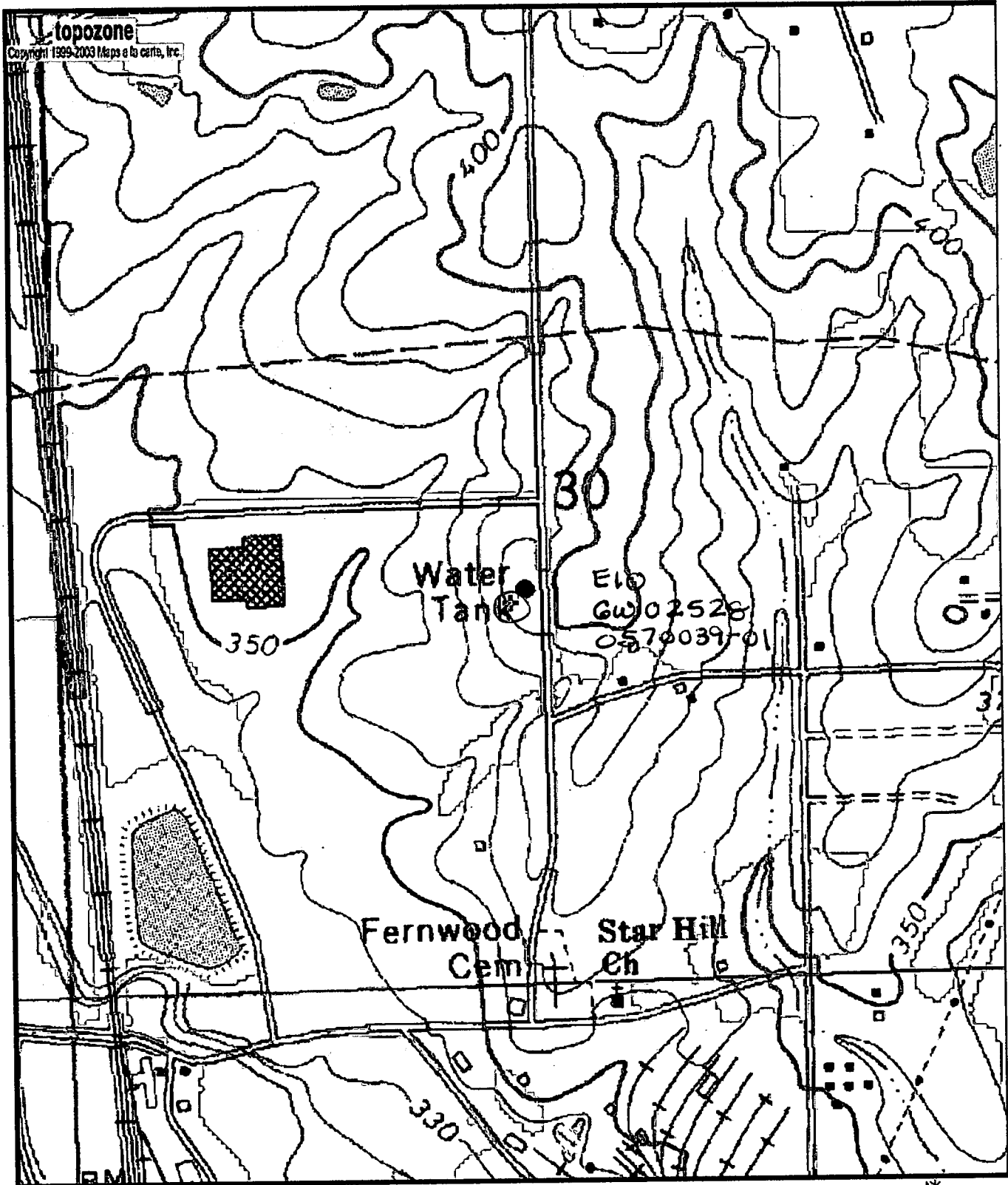
If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 6/20/96  
UNIT DEQ #: 82859 FILE #: B062016B  
HEALTH DEPT. #: 570039-01 ELEV. 391  
USGS #: E10 OLWR #: GW02528  
OWNER: Ferwood Industrial Water Supply QUAD: McComb South  
LOCATION: NE-SW S 30 T 3N R 8E COUNTY: Pike  
LOCATION DESCRIPTION: AT Elev. Tank .45 mi North of Intersection  
of Ferwood Industrial Rd & E. Ferwood Rd.  
Well is West of Tank, in Pump House  
CASING DIA: 10" PUMP TYPE & SIZE: 75 HP Elec.  
GPS FIELD LOCATION: LAT. 31° 11' 43.4" LONG. 90° 26' 19.1"  
GPS CORRECTED LOCATION: LAT. 31.19507542 LONG. 90.43877236  
REMARKS: GPS 30' South of well.



Map center is 31° 11' 42"N, 90° 26' 20"W (WGS84/NAD83)  
**McComb South** quadrangle - TopoZone Pro elevation display  
 Projection is UTM Zone 15 NAD83 Datum

M=0.839  
 G=1.327