

WRD Exp. (GW)
April 1966

PUNCHED and VERIFIED
ROLLA COMPUTATIONAL BRANCH

Well No.

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C. Jernigan Source of data MSSGS 108 Date 3/14/68 6-21-66 Map Merrill
 State Miss. County 218 (or town) Georges Sequential number: 210
 Latitude: 30 56 39 N Longitude: 088 38 03
 Lat-long accuracy: 2 T. 10 S. R. 7 W. Sec. 24, SE $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$
 Local well number: 3015AD2401S07W Other number: _____

Local use: 072045 Owner or name: BEXLEY Water Works Assoc.
 Owner or name: BEXLEY W A Address: _____
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) P
 Stock, Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W
 DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____
 Qual. water data; type: MBH Complete 8-8-67
 Freq. sampling: Pumpage inventory: yes no; period: _____

Aperture cards: _____
 Log data: Sample 1, E-log 12-593 ft. Dr (MBWC) DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 600 Meas. accuracy 3
 Depth cased: (first perf.) 540 Casing type: _____; Diam. 6.4 in 6
 Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, other S
 Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air percussion, (F) rotary, (G) reverse trenching, (H) driven, (I) drive wash, (J) other H
 Date Drilled: 6-10-66 966 Pump intake setting: _____ ft 36 38

Driller: M-B Drilling Co. 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 39 Shallow 40
 Power (type): diesel, elec nat gas, gasoline, hand, gas, wind; LP 30 41 Trans. or meter no. _____
 Descrip. MP _____ ft above 440 below 33 LSD. Alt. MP _____

Alt. LSD: 185 Accuracy: (source) 4
 Water Level: _____ ft above 90 below 90 LSD Accuracy: _____
 Date meas: 1/67 167 Yield: _____ gpm 300 Method determined _____

Drawdown: _____ ft Accuracy: _____
 QUALITY OF WATER DATA: Iron .1 Sulfate 0 Chloride 85 Hard. 17
 Sp. Conduct _____ K x 10⁶ Temp. 73 Date sampled 867

Taste, color, etc. 2300 PH 8.1

Well No.

B 15

Latitude-longitude

N

S

d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: _____

Drainage Basin: D Subbasin: 136

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (F) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series T.M aquifer, formation, group M.Z

Lithology: U.S Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 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: _____

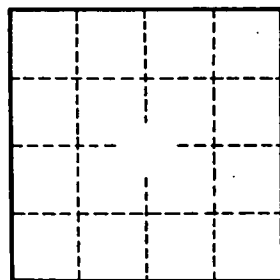
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

T & 610 ft.



Well No.

B15

George
B15

1-67

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Finish ^{GW} 0 2003
Date: January, 1967, Driller: M & B Drilling Co. County George
(When well drilled) (Name) (Where well is located)

(1) Owner of Land: Bexley Utilities
(Name)
Lucedale Miss.
(Address)
E 1/2 SE 1/4 1/4, Sec. 24 T5R W 17
(2) Location: 1/4, 1/4, Sec. 24 T5R W
2 miles NW of Lucedale
(distance) (direction) (Nearest Town)
(3) Topography: Hilly
(Hilly) (Flat) (Level)
(4) Purpose of Well: Community Water System
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Red Sand & Clay	30	30
Blue & White Clay	15	45
Brown Sand	33	78
Clay	7	85
Sand	12	97
White & Brown Clay	13	110
Blue Clay	30	140
Yellow Clay Sand Breaks	45	185
Blue Clay	11	296
Coarse Grey Sand	21	317
Blue Clay	68	385
Sand	2	387
Clay	23	410
Sand & Clay Breaks	32	442
Sand	8	450
Clay Circulation Loss Band	45	495
Sand	50	545
Clay	2	547
Coarse Sand	53	600
Clay	10	610
Bottom of Hole 610 FT.		

Information upon completion of well:

(1) Diameter 6 inches.
(2) Total Depth 600 feet.
(3) Water Level 90 feet below top of ground.
(4) Cased to 600, Size _____
(5) Screen: Size 4", Length 60 FT.
(6) Were any formations sealed against pollution?
_____ yes, _____ no.
If YES depth of formation _____
Why _____
Drillers Remarks: _____
Yield in gpm: 300 gpm
Size pump: 30 HP Submersible Turbine
Type power: 440 Volt 3 φ

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.
Samples - Elec Log Analysis Eben 185

**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE**

RECEIVED
SEP 29 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. Tab 97 AGN. 2-11-97 FORM OLWR-1 Dept. of Environmental Quality
Office of Land & Water Resources

Issued: <u>3-25-86</u>	Expires: <u>3-25-2006</u>	Fee Paid: <u>X</u>	Permit No. _____
Lat. <u>30 56 38</u>	Long. <u>88 39 55</u>	Elev. <u>185</u>	USGS No. <u>B015</u>
Quad. <u>MERRILL</u>	ASCS Farm No. _____	STAC. _____	MSDOH No. _____
Aquifer: <u>MOCN</u>	Tract No. _____	Basin No. <u>03170006</u>	Dam Inv. No. _____
Remarks: _____			

THIS APPLICATION IS FOR (Circle one): RENEWAL - PERMIT NO. MS-GW-02003

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E
SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant)
8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Bexley Utilities, Inc. 64-0443942
(Name) (SSN or Tax ID No.)

-2250 Hwy 98 West (Rt. 9, Box 458) P.O. Box 176
(Address)

Lucedale MS 39452 (601) 947 - 2865
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

(Name) (SSN or Tax ID No.)

(Address)

(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

NE 1/4 of the SE 1/4 of Section 24, Township 1S, Range 7W, County George

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. Well No. 3 @ 300 GPM, MS-GW-02004

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: _____ MISSISSIPPI DEPARTMENT OF HEALTH NO.: 2003-1

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____
If well has already been drilled, when was well completed (date)? January 1, 1967. Under whose name was well originally drilled (if known)? Bexley Utilities, Inc.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 600 feet. DRILLER: M & B Drilling Co.

(b) SURFACE CASING: Length _____ feet; Diameter 6 inches; Type _____

(c) SCREEN: Length 60 feet; Diameter 48 inches; Type Stainless Steel

(d) PUMP: Type 3 stage; Size _____; Capacity 250 gallons per minute; Setting depth 240 feet

(e) POWER UNIT: Type 440 V; Size 30 horsepower

4. PERMITTED VOLUME:

(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute

(b) 0.09022 million gallons per day at a maximum rate of 308 250 gallons per minute

(CONTINUED ON BACK)

MAP SENT

8-27-97

308

SECTION C

(to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)

2. Description of pump/diversion works:

Pump (size & type): _____ Power Unit (size & type): _____

Lift: _____ feet Maximum capacity: _____ gallons per minute

3. _____ acre-feet per year at a maximum rate of _____ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS (DAMS) on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____ feet

2. Surface area at normal pool: _____ Storage capacity at normal pool: _____ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____;
Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorgum _____;
Other (specify) _____ Acres _____

A. Method of Irrigation (circle one) - Center Pivot Flood Furrow

B. Land Condition (circle one) - Precision Land Formed Smoothed

C. ASCS Farm No. _____ Tract No. _____

2. FISH CULTURE: Explain how water will be used: _____

How often will reservoir (s) be emptied and refilled? _____

3. MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM

Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is 400 residences

What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the

next twenty (20) years? _____
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)

4. INDUSTRIAL : If the water is to be released into a watercourse, indicate the amount released each year _____;

Rate of release _____; NPDES Permit No. _____

Explain any changes in quality of water to be released: _____

Explain how water will be used: _____

How much groundwater will be used for once-through non-contact cooling? _____

5. RECREATION: Explain how water will be used: _____

6. OTHER USE: Explain in detail (if needed, attach another page): _____

7. REMARKS: _____

List below the person to be contacted for additional information if required.

Bob Diamond, P.E.

(Name)

P. O. Box 205

(Address)

Lucedale, MS 39452

(City, State, Zip)

601/947-8619

(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Bob Diamond
(Signature)

Subscribed and sworn to before me this 11th day of Sept, 1995, at George County of Mississippi

My commission expires 1-25-97; Peggy J. Pullman Notary Public.

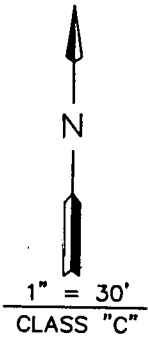
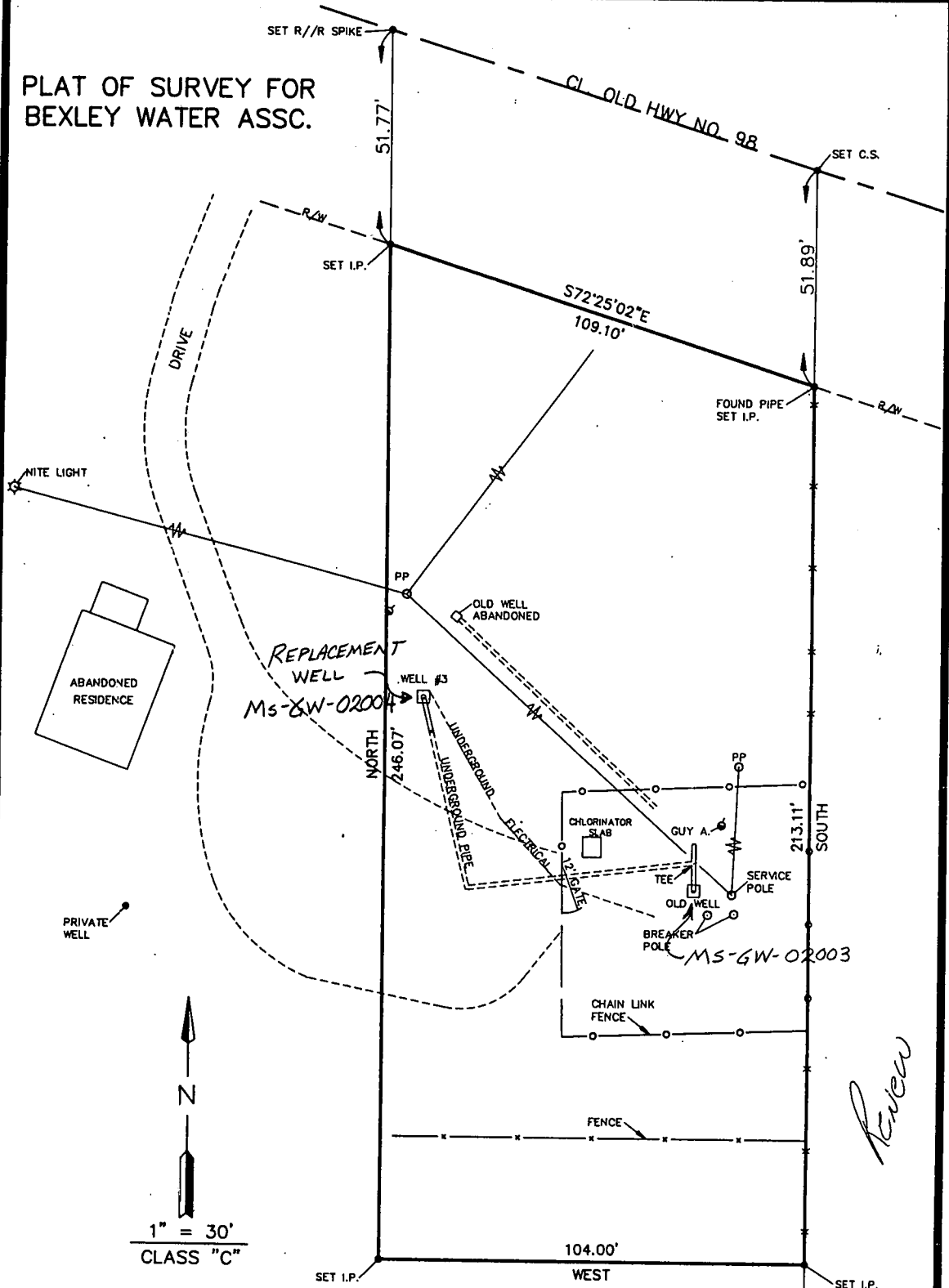
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/1/96
UNIT DEQ #: 82859 FILE #: B080118A
HEALTH DEPT. #: 200003-01 ELEV. 188
USGS #: B-15 OLWR #: GW-02003
OWNER: Bexley Water Assoc. QUAD: Merrill
LOCATION: SE-NE-SE S 24 T 15 R 7W COUNTY: George
LOCATION DESCRIPTION: On gravel Rd. 1.0 mi SE of Old Hwy 98 / 2.7 mi.
NW of Hwy 26 & Hwy 635 Intersection. / 1.85 mi. SE of
Intersection with New Hwy 98 / .60 mi. SE of Elev tank.
CASING DIA: 6" PUMP TYPE & SIZE: No Pump / Abandoned
GPS FIELD LOCATION: LAT. 30° 56' 39.0" LONG. 88° 37' 55.1"
GPS CORRECTED LOCATION: LAT. 30.94421424 LONG. 88.63211130
REMARKS: GPS at Abandoned well.
(Well is Abandoned & Appears to be Plugged.)
(Well is 20' North of 200003-03)

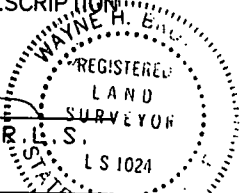
PLAT OF SURVEY FOR
BEXLEY WATER ASSC.



NOTE: SUFFICIENT MONUMENTATION WAS FOUND TO ESTABLISH ORIGINAL ORIENTATION.

NOTE: SEE SHEET 2 FOR DESCRIPTION

Wayne H. Brown
WAYNE H. BROWN, P.E., R.L.S.



SE CORNER
NE 1/4 OF SE 1/4
SEC 24, T1S, R7W
GEORGE CO. MS

DEPT. OF LAND & WATER
SET 27.19
Office

SHEET 1 OF 2

SCALE: 1" = 30'
DATE: 4/12/93
DRAWN BY: RODNEY

BATSON AND BROWN, INC.
WIGGINS □ LUCEDALE □ PASCAGOULA, MISSISSIPPI



CONSULTING ENGINEERS

