

WRD Exp. (GW)
April 1966

Well No. F26

WELL SCHEDULE

E109 # 79

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by _____ Source of data MSGG E log Date 5-30-69 Map Dixie District MISSISSIPPI DISTRICT BRANCH

State Mississippi County 28 (or town) Fowest Sequential number: 18

Latitude: 31 12 30 N Longitude: 08 9 16 20 W
 deg 7 min 9 sec 11 sec 12 degrees 15 min sec 19

Lat-long accuracy: 2 T. 3 S. R. 13 Sec 20, NW 4, SE 4, NE 4

Local well number: F026DA2003N13W Other number: _____ B & M

Local use: 184079 Owner or name: Dixie Water Assoc

Owner or name: DIXIE WATER Address: _____

Ownership: County (C), Fed Gov't (F), City (M), Corp or Co (N), Private (P), State Agency (S), Water Dist (W) 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) Repressure, (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 W

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

Hyd. lab. data: _____

Qual. water data; type: 878

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

Aperture cards: _____

Log data: E log 10-1043 MSGG DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 897 Meas. 3

Depth cased; (first perf.) _____ ft 857 Casing type: Steel; Diam. 10x8 in 10

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

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

Date Drilled: 9.6.9 Pump intake setting: _____ ft 30

Driller: Griner Drilling Serv. 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 T Deep Shallow

Power (type): 30 V Trans. or meter no. _____

Descrip. MP _____ ft above LSD. Alt. MP _____

Alt. LSD: 375 375 Accuracy: Topo 4

Water Level _____ ft above MP; _____ ft below LSD 232 Accuracy: _____ D

Date meas: 2.6.9 Yield: _____ gpm 3000 Method determined

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ Hard. _____

Sp. Conduct 125 K x 10⁶ _____ Temp. _____ F 23.5 Date sampled 8.7.8

Taste, color, etc. pH 6.5

Well No.

F26

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: _____
 Drainage Basin: D 13Q 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 _____ 27

MAJOR AQUIFER: _____ system _____ series Tm _____ aquifer, formation, group _____ 28 29 30 31

Lithology: 4S Origin: _____ Aquifer Thickness: 156 ft _____ 32 33 34

Length of well open to: 156 ft _____ Depth to top of: 40 ft _____ 754 ft _____ 35 37 38 40 41 42

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ 44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft _____ 48 49 50

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____ 51 53 54 56 57 59

Intervals Screened: _____

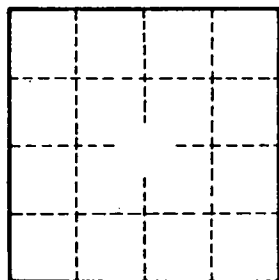
Depth to consolidated rock: _____ ft _____ Source of data: _____ 60 63 64

Depth to basement: _____ ft _____ Source of data: _____ 65 68 69

Surficial material: _____ Infiltration characteristics: _____ 70 71 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 73 75 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 77 79



Well No. _____

UP-DATED _____

F-26

RECEIVED

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

MAR 07 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5982

Office of Environmental Quality Office of Land & Water Resources

This box is for office use only. 5-14-96 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Table with 4 columns: Issued, Expires, Fee Paid, Permit No.; Lat, Long, Elev, USGS No.; Quad, ASCS Farm No, STAC, MSDOH No.; Aquifer, Tract No, Basin No.; Remarks, Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. MS-GW-0198

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, Gas Stations, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other:

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Dixie Water Assoc. (Name) 64-0476190 (SSN or Tax ID No.)

P.O. Box 15295 (Address)

Hattiesburg MS 39404 (City) (State & Zip) (601) 582-5039 (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): SE 1/4 of the NE 1/4 of Section 20, Township 3N, Range 13W, County Forrest

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.

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene (Catahoula) MISSISSIPPI DEPARTMENT OF HEALTH NO. 0180005

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____. If well has already been drilled, when was well completed (date)? 2, 1969. Under whose name was well originally drilled (if known)? Dixie Water Assoc.

3. Description of proposed or completed well: (a) DEPTH OF WELL: 897 feet. DRILLER: Griner Drilling Service (b) SURFACE CASING: Length 847 feet; Diameter 10 3/4 inches; Type steel (c) SCREEN: Length 40 feet; Diameter 6 inches; Type Wire Wound (d) PUMP: Type Turbine; Size 30 HP; Capacity 300 gallons per minute; Setting depth 310 feet (e) POWER UNIT: Type _____; Size 30 horsepower

4. PERMITTED VOLUME: (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute (b) 0.18 million gallons per day at a maximum rate of 300 gallons per minute

(CONTINUED ON BACK)

300

MAP SENT

n. 18

SECTION C (to be completed for **SURFACE WATER SOURCE**)

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): Turbine 30HP Power Unit (size & type): _____
Lift: 300' feet Maximum capacity: _____ 300 gallons per minute
- _____ 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)

- Name of storage reservoir: _____ Dam Height: _____ feet
- 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)

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorghum _____; 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. _____
- FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____
- 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 1131
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)
- 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? _____
- RECREATION:** Explain how water will be used: _____
- OTHER USE:** Explain in detail (if needed, attach another page): _____
- REMARKS:** _____

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

Jason Bismeyer Jr
(Name)

PO. Box 15395
(Address)

Hattiesburg, MS 39404
(City, State, Zip)

(601) 582-5039
(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.

Jason Bismeyer Jr
(Signature)

Subscribed and sworn to before me this 5th day of March, 1996, at 162 Ryan Rd County of Forrest

My commission expires APRIL 12, 1999 : Cecil Thomas Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Dixie
Quad

GPS LOG

USER NAME(S): CA. Hornbeak DATE: 6/28/94

UNIT DEQ #: 82555 FILE #: C062815D

HEALTH DEPT. #: 180005-01 ELEV. 382

USGS #: 2-102 F26 OLWR #: 1986

OWNER: Dixie Comm. Water Assoc.

LOCATION: NW-SE-NE S 20 T 3N R 13W COUNTY: Forrest

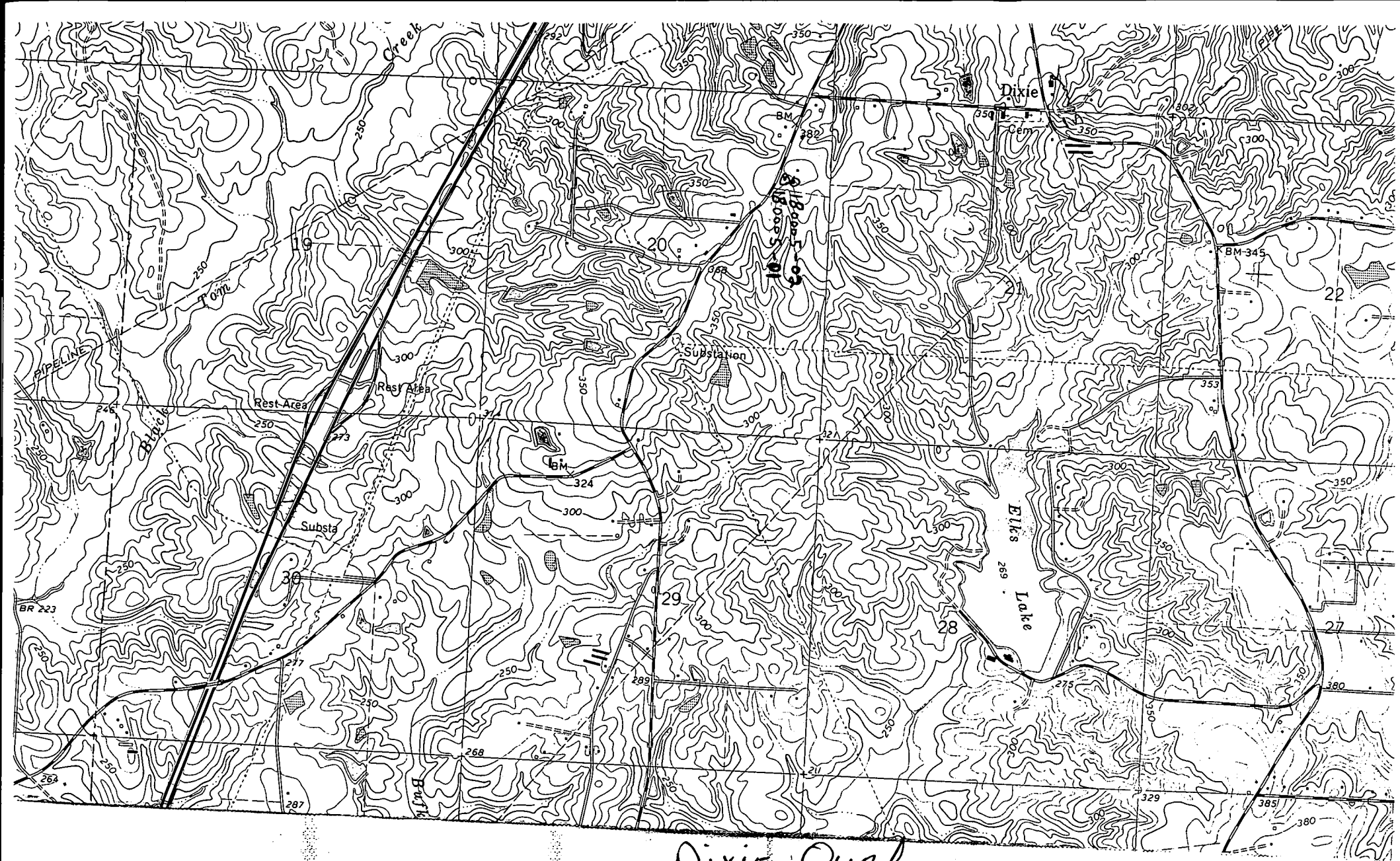
LOCATION DESCRIPTION: Browns Bridge Rd. 1.3 mi SW of ELKs
Lake Rd. near Elev. Tank

CASING DIA: 10" PUMP TYPE & SIZE: 30 HP Elec.

GPS FIELD LOCATION: LAT. 31° 12.624 LONG. 89° 18.999

GPS CORRECTED LOCATION: LAT. 31 12 36.769 LONG. 89 19 00.297
31.210217 89.316751

REMARKS: GPS at well.



Dixie Quad