

Coded By Q 10/94
Checked By 05-11-95
Entered By JJ
Date 1/5/95
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 335
County CORAH
Agency _____
Well No. R21

Georgetown Quad

WELL RECORD

Agency Code UISGIS Site Id 131520809011001011 Project No. 5
Station Name 12 ROZ171 GEORGETOWN Latitude 931521031 Longitude 10409101101071
Lat/Long Ac. 11 S 1 M Dist 6=28 State 7=28 County 8=01291 Land Net 13 SE NW 10 21 10 11 10 E 2
Location Map 14= GEORGETOWN Altitude 235 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20= 01318010102

Agency Use 803 A I Date Inventoried 711 Station Type 4 Data Type 804
Instru. 905 Remarks 806 Relia. 3 C M U 2 W X

Date of Construction MU Well Use 23 W Water Use 24 P Primary Aquifer OLGC Hole Depth 714 123 FT 4
Well Depth 28 Water Level 30 29 Water Level Date 31 01 4 / 11 18 / 11 99 5 Method 34 Status 37 Source 32

CONSTRUCTION DATA

Construction Date 60 01 4 / 11 18 / 11 99 5 Contractor 63 18 4 Name GRINER Method 65 H Finish 66 O

CONSTRUCTION CASING DATA

Top/Casing 77 11 10 Bot/Casing 78 17 31 0 Diameter 79 11 2
Top/Casing 77 16 6 0 Bot/Casing 78 17 4 0 Diameter 79 8 1

CONSTRUCTION OPENINGS DATA

Top/Depth 83 17 4 0 Bot/Depth 84 17 6 0 Diameter 87 18 1 Type 85 S Length 89 1 1 Width 88 5 2 1 0
Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA

Lift Type 43 S Date 38 01 4 / 11 18 / 11 99 5 Intake 44 11 6 5
Power 45 1 H.P. 46 Serial No. 49 3/25/98 DLH/PAD

MISCELLANEOUS OWNER DATA

Date of Ownership 159 01 4 / 11 18 / 11 99 5 Owner Name 161 GEORGETOWN

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 335 Assigner 191 M I S S I D I S T
new
Well # 1

MISCELLANEOUS QM DATA

R=192	T=A	738#1	Date of Measurement 1934 / / .	Aquifer Sampled 1954	Temp 196#00010	Value 1974
R=192	T=A	738#2	Date of Measurement 1934 / / .	Aquifer Sampled 1954	Sp Cond 196#00095	Value 1974
R=192	T=A	738#3	Date of Measurement 1934 / / .	Aquifer Sampled 1954	pH 196#00400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Beq. Depth 200# 150#	End Depth 201# 182 131
R=198	T=A	739#1	Log Type 199#D	Beq. Depth 200# 110#	End Depth 201# 83 10#

MISCELLANEOUS NETWORK DATA

706 = QW WL WD *

R=114	T=A	730#1	Sec. Year 115# 9	End Year 116# 9	Agency Source 120=A	Freq. 117#	118#
R=121	T=A	730#2	Sec. Year 115# 9	End Year 116# 9	Agency Source 117#	Freq. 118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 04 / 11 / 81	Remarks MSGW + 4872
-------	-----	-------	--------------------------------------	------------------------

DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 04 / 11 / 81	Type 703# P F	Discharge 150# 1145#	Sp. Capacity 272#
-------	-----	--------------------	---------------------------	------------------	---------------------------	----------------------

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 148 19#	Depth Bot. 92#	Unit Id 93# 123 7 9 4 4	304#
------	-----	-------	------------------------------	-------------------	--------------------------------------	------

HYDRAULIC DATA

R=96	T=A	790#1	Unit Tested 100#	103#
------	-----	-------	---------------------	------

45.9' dd @ 125gpm
(4 hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Sand and gravel	0	93
Clay	93	158
Sand and Clay streaks	158	626
Clay and shale	626	689
Sand with clay streaks	689	783
Clay with sand streaks	783	830

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Copiah		PERMIT NUMBER 14872
WELL NUMBER R 27	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Griner Drilling
DATE WELL COMPLETED 04-18-95		Service, Inc.

NAME & MAILING ADDRESS OF LANDOWNER Town of Georgetown		
1177 Railroad Avenue		
Georgetown, MS 39078		
WELL LOCATION:	SEC	TOWNSHIP
SE 1/4 NW 1/4	2	10 [N] S 10 [E] W
DISTANCE	DIRECTION	NEAREST TOWN
0.1 Miles	W	of Georgetown
OTHER LANDMARK On Broad Street		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
125	7	165 FT.
PUMP TEST		
Well yielded 125 GPM with a drawdown of 45.9 ft. after 4 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
760	12	730
Type of Casing	Hole Depth	Depth to Static Water Level
steel	773	28.86
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing		
660 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log Griner Drilling Service, Inc.	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8	20	.020
Screen Type	Depth to Bottom - Feet	
Rod Base	760	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sand and gravel	0	93	RECEIVED APR 19 1995 Dept. of Environmental Quality Office of Land & Water Resources		
Clay	93	158			
Sand and Clay streaks	158	626			
Clay and shale	626	689			
Sand with clay streaks	689	783			
Clay with sand streaks	783	830			

IF MORE SPACE IS NEEDED, USE BACK

The box below is for office use only. LWM

MOCN

Issued: <u>10-25-94</u>	Expires: <u>10-25-2004</u>	Fee Paid <input checked="" type="checkbox"/>	Permit No. <u>MS-GW-14872</u>
Lat. <u>31-52-07</u>	Long. <u>90-10-08</u>	Elev. <u>238</u>	USGS No.
Quad <u>Georgetown</u>	Dist.		Basin No. <u>03180002</u>
STAC			Dam Inv. No.
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39207

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



This application is for (circle one): GROUNDWATER SURFACE WATER

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby Fire Protection Flood Protection Other: _____

Dept. of Environmental Quality
Bureau of Land & Water Resources

LANDOWNER:

Town of Georgetown 64-046621
(Name) (S/S or Tax ID No.)

P.O. Box 138
(Address)

Georgetown, MS 39078 (601) 858-2463
(City) (State and Zip) (Telephone Number)

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

Same
(Name) (S/S or Tax ID No.)

(Address)

(City) (State and Zip) (Telephone Number)

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

SE 1/4 of the NW 1/4 of Section 2, Township 10N, Range 10E, County Copiah

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

- (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
- (b) 0.180 million gallons per day at a maximum rate of 250 gallons per minute
- (c) _____ acre feet of storage at normal pool
- (d) _____ per _____ at a maximum rate of _____

Construction of proposed work will begin on (date) August, 19 94 and will be completed by (date) November 19 94.

Water will be used from (month) January to (month) December each year.

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 numbers.

Existing 150 GPM well

SECTION A (to be completed if application is for surface water source)

- Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
- Description of pump/diversion works:
 - (a) Pump (size and type): _____ Power Unit (size and type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute.
 - (b) Name of storage reservoir: _____ Dam height: _____ feet.
Surface area at normal pool: _____ acres. Storage capacity at normal pool: _____ acre-feet.

(Continued on back)

SECTION B (to be completed if application is for groundwater source)

1. Source of water is Miocene aquifer.
2. Description of proposed water well:
 - (a) DEPTH OF WELL: _____ feet. DRILLER (name): _____
 - (b) SURFACE CASING: Length: _____ feet. Diameter: 20 inches. Type: Steel
 - (c) SCREEN: Length: _____ feet. Diameter: 8 inches. Type: 304SS
 - (d) PUMP: Type: _____ Size: 8 Capacity: 250 gallons per minute.
Number of stages: _____ Setting depth: _____ feet.
 - (e) POWER UNIT: Type: Electric Motor Size: _____ horsepower.
 - (f) TYPE OF COMPLETION: Under-reamed, gravel-packed, vertical wall

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	

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

2. FISH CULTURE: Explain how water will be used: _____
How often will reservoir(s) be emptied and refilled? _____

3. MUNICIPAL or WATER ASSOCIATION
Choose "a" or "b". (a) The number of people served is _____. (b) The number of connections/customers is 210.
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years? 0.189 1999; 0.20 2004; 0.209 2009; 0.22 2014
(MGD) (Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; Location of release point in reference to diversion/withdrawal point _____
NPDES Permit No. _____
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: _____

REMARKS: _____

List below the person to be contacted for additional information if required:
Carl Berry, Mayor
(Name)
P.O. Box 138
(Address)
Georgetown, MS 39078
(City, State, Zip)
(601) 858-2463
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.
Carl F. Berry
(Signature)

Subscribed and sworn to before me this 1st day of September 1994 at Hazlehurst
County of Copiah My commission expires January 2, 1998
Dicki Dan Ramsey Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 3/25/98

UNIT DEQ #: _____ FILE #: 8032514B

HEALTH DEPT. #: 150005-04 ELEV. 235

USGS #: B-88 R27 OLWR #: GW14872

OWNER: Town of Georgetown QUAD: Georgetown

LOCATION: SE/SE/NW S 2 T 10N R 10E COUNTY: Copiah

LOCATION DESCRIPTION: At corner of Broad St. and
Madison Ave

CASING DIA: _____ PUMP TYPE & SIZE: submersible

GPS FIELD LOCATION: ^{corrected} LAT. 31.868980 LONG. 90.169106
~~31.940085819~~ ~~90.402942404~~

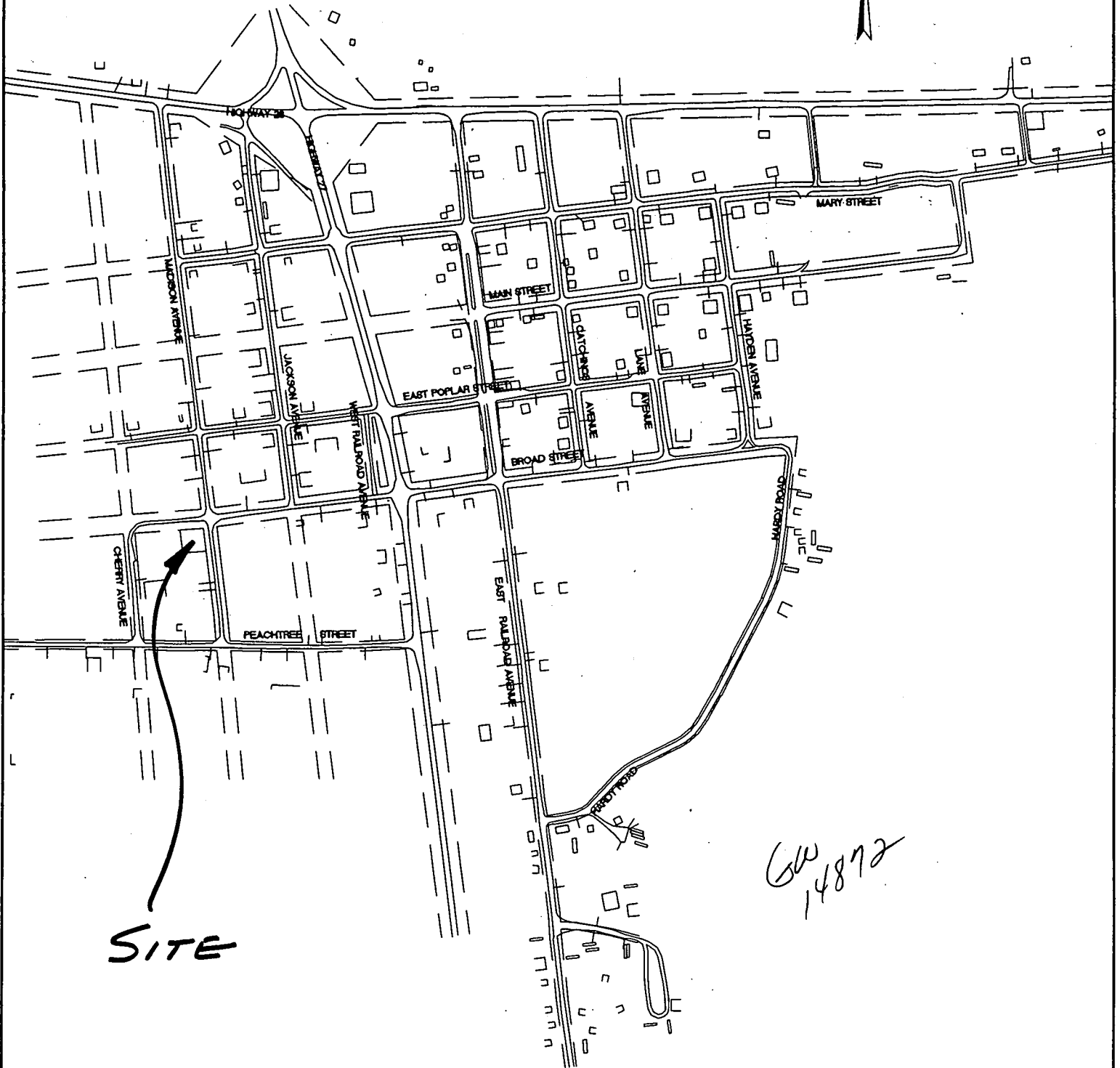
GPS CORRECTED LOCATION: LAT. 31°52'07.8" LONG. 90°10'07.1"

REMARKS: Measured 35' from well

RECEIVED

SEP 08 1994

Dept. of Environmental Quality
Office of Land & Water Resources



GW 14872

SITE

NO.	DATE	REVISIONS	BY	DESIGNED BY TRC	DATE AUG. 23, 1994	WILLIFORD, GEARHART & KNIGHT, INC. ENGINEERS & SURVEYORS CLINTON HAZLEHURST CANTON	TOWN OF GEORGETOWN, MISSISSIPPI 1994 WATER SYSTEM IMPROVEMENTS SITE MAP	..P\93-169\WELPMT.DWG(1)
				DRAWN BY TRC	SCALE 600			WORK - 93-169

GEORGETOWN QUADRANGLE
MISSISSIPPI
7.5 MINUTE SERIES (TOPOGRAPHIC)

2947 1 NE
(HARRISVILLE)

VICKSBURG 57 MI.
15 MI. TO U.S. 51

R. 1 E. R. 2 E. MAGEE 26 MI.
560 000 FEET UNION 3 1/4 MI.

90° 07' 30"
31° 52' 30"

