

GW 7350

9-185
(October 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

Date 6-25, 1964 Field No. _____
Record by P.E. Grantham Office No. K72
Source of data Charley Rhodes

1. Location: State Miss County Hancock
Map Esterbrook New Well #15

1/4 ^{irreg} 1/4 sec. 29 T 8 N SR 13 E W

2. Owner: City of Bay St. Louis Address _____
Tenant _____ Address _____
Driller Fred Sutter Address _____

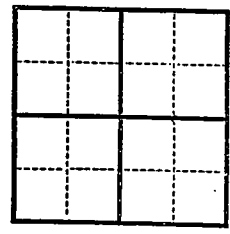
3. Topography _____

4. Elevation 22' ft. ^{above} MSL
_{below}

5. Type: Dug drilled driven, bored, jetted 4 1963

6. Depth: Rept. 914' ft. Meas. _____ ft.

7. Casing: Diam. 10" III in., to 6" 40' in., Type _____
Depth 854 ft., Finish 40' 6" screens



8. Chief Aquifer _____ From _____ ft. to _____ ft.
Others _____

9. Water level +1' ft. ^{rept.} 6-25 1964 ^{above} LSD
_{meas.} _{below} which is _____ ft. ^{above} _{below} surface

10. Pump: Type _____ Capacity _____ G. M.
Power: Kind _____ Horsepower _____

11. Yield: Flow _____ G. M., Pump _____ G. M., Meas., Rept. Est. _____
Drawdown _____ ft. after _____ hours pumping _____ G. M.

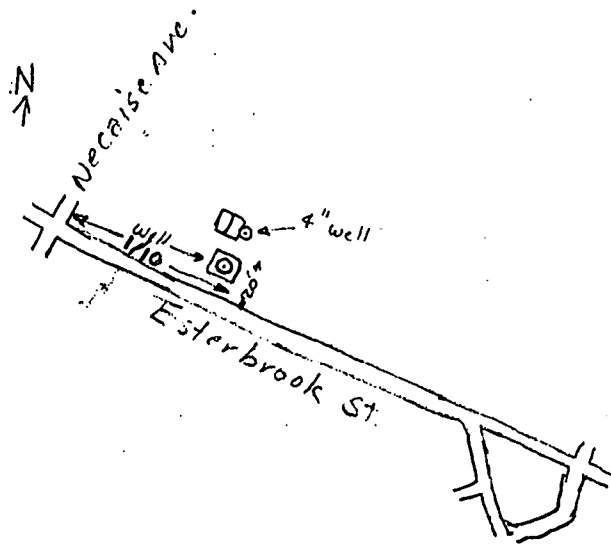
12. Use: Dom., Stock PS, RR., Ind., Irr., Obs. _____
Adequacy, permanence _____

13. Quality _____ Temp _____ °F.
Taste, odor, color _____ Sample ^{Yes} _{No} _____
Unfit for _____

14. Remarks: (Log, Analyses, etc.) _____

0-111 Sand soft clay
111-210 Coarse sd + Gravel
210-345 Clay
345-374 Sd
374-817 Clay
817-914 Sd

Water level reported as
+5' LSD when drilled



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

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.

3-10-98 AEN

FORM LR-2 (REV. 9/94)

Issued: <u>5-10-88</u>	Expires: <u>3-10-2008</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>30-18-38</u>	Long. <u>89-19-59</u>	Elev. <u>22</u>	USGS No. <u>K7</u>
Quad. <u>BAY ST. LOUIS</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>PCGLU</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. 007350

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E (EASTERBROOK WELL)
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: CITY OF BAY ST. LOUIS 64-6000139
(Name) (SSN or Tax ID No.)

P.O. BOX 2550
(Address)

BAY ST. LOUIS, MS 39521 (228) 467-2724
(City) (State & Zip) (Telephone No.)

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

SAME AS ABOVE
(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 IR SW 1/4 of Section 30 29 Township 8S, Range 13W, County HANCOCK

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: UPPER PASCAGOULA MISSISSIPPI DEPARTMENT OF HEALTH NO.: _____

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? _____, 1963. Under whose name was well originally drilled (if known)? CITY OF BAY ST. LOUIS

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 960 feet. DRILLER: _____

(b) SURFACE CASING: Length 111' feet; Diameter 10 inches; Type STEEL

(c) SCREEN: Length _____ feet; Diameter _____ inches; Type _____

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

(e) POWER UNIT: Type US ELECTRIC 480 V - 3 PH; Size 20 horsepower

4. PERMITTED VOLUME:

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

(b) 0.12 million gallons per day at a maximum rate of 270 gallons per minute

0.15 BB (CONTINUED ON BACK)
1-27-98

NO MAP

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): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ 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 9,000 ± or (b) The number of connections is 2,958
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? 1.19 MGD 1997 ; 1.4 MGD 2002 ; 1.7 MGD 2007 ; 2.0 MGD 2012
(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.

WOODY STIEFFEL
(Name)
P.O. BOX 2550
(Address)
BAY ST. LOUIS, MS 39521
(City, State, Zip)
228-467-8527
(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.

Ronald J. Kenney Sr.
(Signature)

Subscribed and sworn to before me this 9th day of Dec., 1997, at Bay St. Louis County of Hancock
My commission expires 4/3/2000; Janet B. Prime Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/ Everett DATE: 10/12/95

UNIT DEQ #: _____ FILE #: A101216A

HEALTH DEPT. #: 230001-03 ELEV. 22'

USGS #: K7 OLWR #: GW07,350

OWNER: Bay St Louis QUAD: Bay St. Louis

LOCATION: S 1/4 S 29 T 85 R 13W COUNTY: Hancock

LOCATION DESCRIPTION: Easterbrook between Nacaise + Toulne

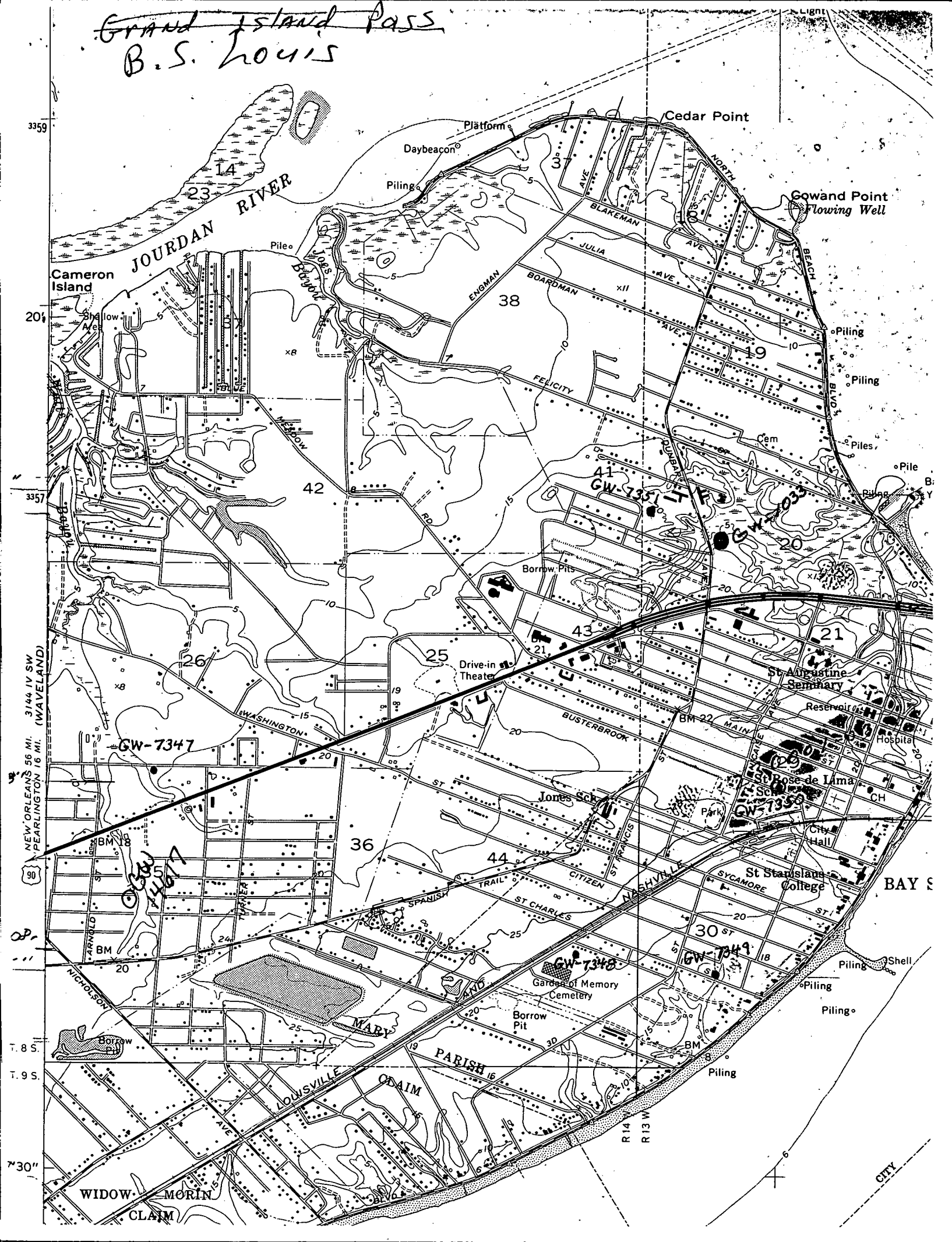
CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 30° 18.640' LONG. 89° 20.005'

GPS CORRECTED LOCATION: LAT. 30.31084015 LONG. 89.33336946

REMARKS: _____

Grand Island Pass
B.S. Louis



3359

20

3357

NEW ORLEANS 56 MI.
PEARLINGTON 16 MI. (WAVELAND)
88

T. 8 S.

T. 9 S.

7° 30"

CITY