

GW07351
023001-04

TRANSMITTED FOR ADP

Bay St. Louis Quad

1/81 WFO

11-82

Recorded by

WFO

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No.

K377

Date

8/18/82

E-Log No.

104

County

Hancock

Bay St. Louis Quad

Site ID

3,0,1,9,1,5,0,8,9,2,0,2,8,0,1

R=0*

T=A*

2=W*

Data reliab.

3=C*

Report agency

4=USGS*

Dist.

6=28*

7=28*

Co.

8=0,4,5*

Lat.

Long.

9=3,0,1,9,1,5*

10=0,8,9,2,0,2,8*

Well No.

12=K,3,7,7*

Location

13=IRSE s 4 T 08 S R 14 W*

Alt.

16=2 E.*

Hyd. Unit (OWDC)

20=0,3,1,7,0,0,0,9*

Date

21=0,6,1,2,2,1,1,9,8,2*

Well use

23=W*

Water Use

24=P*

Hole depth

27=118.4*

Well depth

28=1,0,6,2.*

WL

30=-2.8*

Date

31=10,1,14,1,1,9,8,2*

Source

33=S*

Status

273=*

Project No.

5=

R=158*

T=A*

Date

159#0,8,1,0,1,1,1,9,8,2*

Owner No.

Harry St. well

Owner

161#B, A, Y, S, T, L, O, U, I, S

PCGLU*

R=192*

T=A*

Date

193# / /

Temp.

196#00010*

197=

R=192*

T=A*

Date

193# / /

Cond.

196#00095*

197=

R=192*

T=A*

Date

193# / /

pH

196#00400*

197=

R=58*

T=A*

59#1*

Date

60=0,8,1,0,1,1,1,9,8,2*

Remarks

Drlg.

63=1,8,4*

Name

Griner

Method

65=H*

Finish

66=5*

R=76*

T=A*

59#1*

Top csng.

77# 0.*

Bot. csng.

78=

Diam.

79# 1,6.*

R=76*

T=A*

59#1*

Top csng.

77#

Bot. csng.

78=

Diam.

79#

R=82*

T=A*

59#1*

Top

83# 1,0,0,2.*

Bottom

84=1,0,6,2.*

Type

85=S*

Diam.

87=1,0.*

Size

88=.0,1,6*

R=82*

T=A*

59#1*

Top

83#

Bottom

84=

Type

85=

Diam.

87=

Size

88=

R=146*

T=A*

147#1*

Q

150=750.*

Q/S

272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD OF

CONSTR.

CASING

OPENINGS

YIELD

LIFT
 R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*
 Date 38= 08/01/1982 H.P. 46= 50.*

LOGS
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1184.*
 R=198* T= A * Log 199# E* Top 200= 50.* Bot 201= 1184.*
 R=189* T= A * E Log No. 190# 104* 191= M I S S D T S T *

ANAL.
 R=114* T= A * Year 115# * 117= * 120= *

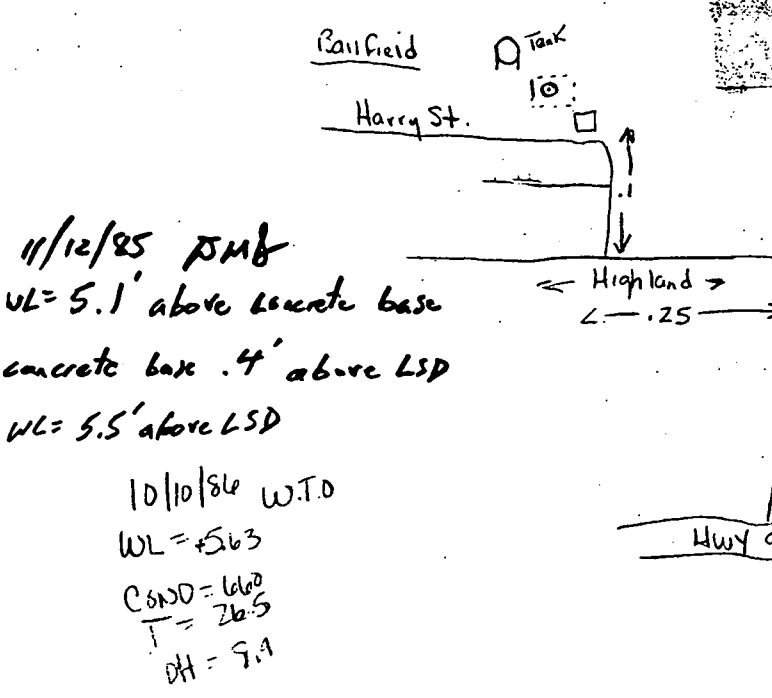
AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 995.* Bot 92= 1080.*
 Unit ID 93= 1.22MOCN * Name of Unit PCELU
 R=90* T= A * 256# 1 * Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

HYDRAULICS
 R=98* T= A * 99# 1 * Unit tested 100= * 103= *
 R=105* T= A * 99# 1 * Test No. 106# *
 107= * Transmissivity (gal/d)/ft.
 108= * Hydraul. cond. (gal/d)/ft²
 110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

WL above l.s.d.



Description of formations encountered	from	to
TOP SOIL	0	2
SAND	2	243
CLAY	243	338
SAND & SHELLS	338	470
CLAY	470	610
SAND	610	622
CLAY	622	652
SAND & CLAY STRIPES	652	700
CLAY	700	984
SAND GRAD	984	1075
CLAY	1075	1105
SAND	1105	1120
CLAY	1120	1184

Hwy 90

HANCOCK
 R377
 8/82
 Elog #104

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
CODED
 WATER WELL DRILLERS LOG

K
 6W 1351
 0

date well completed 19 1982 firm name RIVER DRILLING SERVICE HANCOCK county well located HANCOCK

LANDOWNER: CITY OF BAY ST. LOUIS, HARRY ST. WELL
 (mailing address)

WELL LOCATION: SEC. 4 T. 8 N. R. 12 E. S. 34
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: Municipal
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 16"
 - (2) total depth (feet) 1062
 - (3) static water level (feet) 7 below above top of ground.
 - (4) casing steel (material) (depth) 16" (size) if telescope see back.
 - (5) screen 60 (length) 1002 (depth to top) 10" 304 S.S. (10/16) (size) (material)
 - (6) pump 50 (HP) 750 (yield gpm) elect (type power)
 - (7) electric log yes (yes or no) MISS. GEOLOG SURVEY (organization running log)
 - (8) how well bottom plugged BACK WITH VALVE

description of formations encountered	from	to
TOP SOIL	0	2
SAND	2	243
CLAY	243	338
SAND & SHELLS	338	470
CLAY	470	610
SAND	610	622
CLAY	622	652
SAND & CLAY STRAINS	652	700
CLAY	700	984
SAND & GORD	984	1075
CLAY	1075	1105
SAND	1105	1120
CLAY	1120	1187

CODED

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

AUG - 6 1982

RECEIVED

DRILLERS REMARKS:

**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 of Land & Water Resources

This box is for office use only.

3-10-98 AGN

FORM OLWR-AP-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>30-19-27</u>	Long. <u>89-20-27</u>	Elev. <u>21</u>	USGS No. <u>K377</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): RENEWAL PERMIT NO. 0073510

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E HARRY ST. 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 SW 1/4 of Section 3041, Township 8 S, Range 13 W, 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)? 8, 1982. 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: 1.000 1062 feet. DRILLER: GRINER DRILLING SERVICE
(b) SURFACE CASING: Length 994 feet; Diameter 12 inches; Type ST
(c) SCREEN: Length 60 feet; Diameter 10 inches; Type WIRE WRAPPED S.S. ROD
(d) PUMP: Type TURBINE; Size _____; Capacity 1000 gallons per minute; Setting depth 90 feet
(e) POWER UNIT: Type US MOTORS 480 V - 3 PH; Size _____; 75 horsepower

4. PERMITTED VOLUME:
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
(b) 0.46 million gallons per day at a maximum rate of 1000 gallons per minute
0.36 BB 765

1-27-98 (CONTINUED ON BACK)

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 9000 [±] 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:** THIS WELL WAS UPGRADED AROUND 1995

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. Wanner Sr.
(Signature)

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/ Everett DATE: 11/29/95

UNIT DEQ #: _____ FILE #: B112921A

HEALTH DEPT. #: 230001-04 ELEV. 20'

(U.S.)
USGS #: K377 OLWR #: GW07351

OWNER: Bay St. Louis QUAD: Bay St. Louis

LOCATION: SE 1/4 S 41 T 85 R 14W COUNTY: Hancock

LOCATION DESCRIPTION: Harry St. tank at Athletic St.

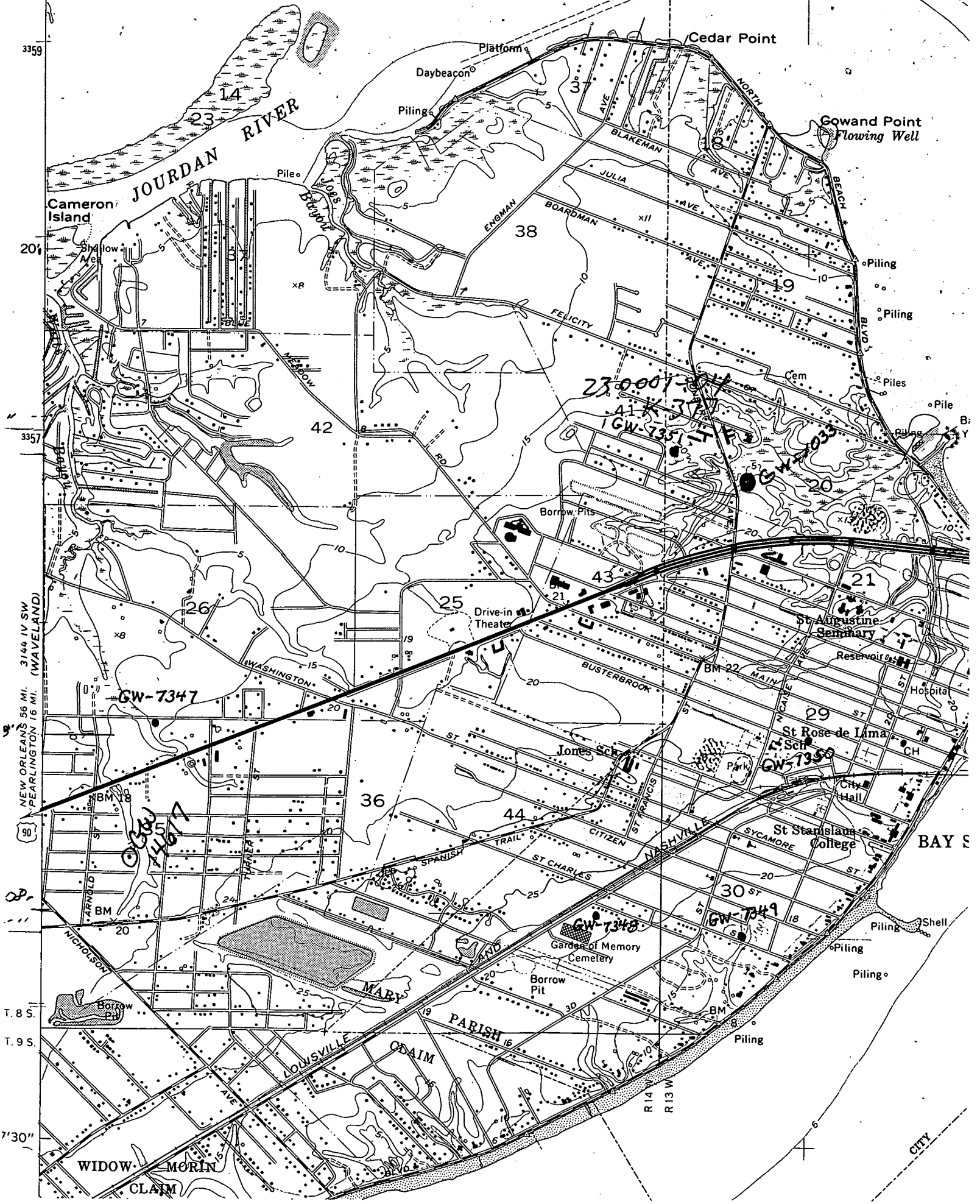
CASING DIA: 8-10" PUMP TYPE & SIZE: Turbine - 75 HP

GPS FIELD LOCATION: LAT. 30° 19.495' LONG. 89° 20.495'

GPS CORRECTED LOCATION: LAT. 30.32481063 LONG. 89.34135796

REMARKS: _____

~~Grand Island~~
B.S. Louis



NEW ORLEANS 56 MI. 3144 IV SW
PEARLINGTON 16 MI. (WAVELAND)

T. 8 S.
T. 9 S.

7'30"

BAY S

CITY