

WELL SCHEDULE

Elog #58

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAR 18 1974

0318004

MASTER CARD

Bowc

Record by WTR Source of data Obs. driller Date 8/69 Map ENGLISH LOOKOUT LA-MS

State 28 County (or town) HANCOCK Sequential number: 23

Latitude: 30° 13' 43" N Longitude: 089° 34' 02" W

Lat-long accuracy: 10 T. 9 N. 16 R. Sec. 26 IRR SW/SE

Local well number: L001CD2609S16W Other number: _____

Local use: 240058 Owner or name: HANCOCK CO. PORT AUTH

Owner or name: HANCOCK PORT AU Address: Hancock Co. Board of Supervisors

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist IN C

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (B) Stock, (C) Instit, (D) Unused, (E) Repressure, (F) Recharge, (G) Desal-P S, (H) Desal-other, (I) Other N

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: PCGLL

Qual. water data; type: 10/26/69 5/1/74

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

Aperture cards:

Log data: E log 160-2006

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2003 ft Meas. rept accuracy 3

Depth cased; (first perf.) 1903 ft Casing type: _____; Diam. 12x8 in 12

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open end, (I) screen, (J) gallery, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other 5

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) reverse percussion, (H) rotary, (I) trenching, (J) driven, (K) wash, (L) other 7

Date Drilled: 8/69 9/69 Pump intake setting: _____ ft 38

Driller: MORRISON DRG Co, CONINGTON La.

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 N Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. Trans. or meter no. _____

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

Alt. LSD: 111 Accuracy: (source) topo 3

Water Level _____ ft above MP; Ft below LSD +75 Accuracy: #34± lbs H

Date meas: _____ Yield: flows gpm 1787 Method determined 41

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled 5/7/4

Taste, color, etc. _____

ves 5-6-74

10/13/82 WL +116.85

4/20/85

52 psi + 2'

Flows at 10 gpm through 1/2" opening

DEC 7 1974

Well No.

UNCLASSIFIED

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 13V

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 7

MAJOR AQUIFER: system _____ series TM aquifer, formation, group PCGL MZ

Lithology: US Origin: 3 Aquifer Thickness: 115 ft

Length of well open to: _____ ft Depth to top of: AVY 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: _____

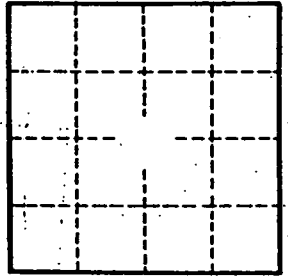
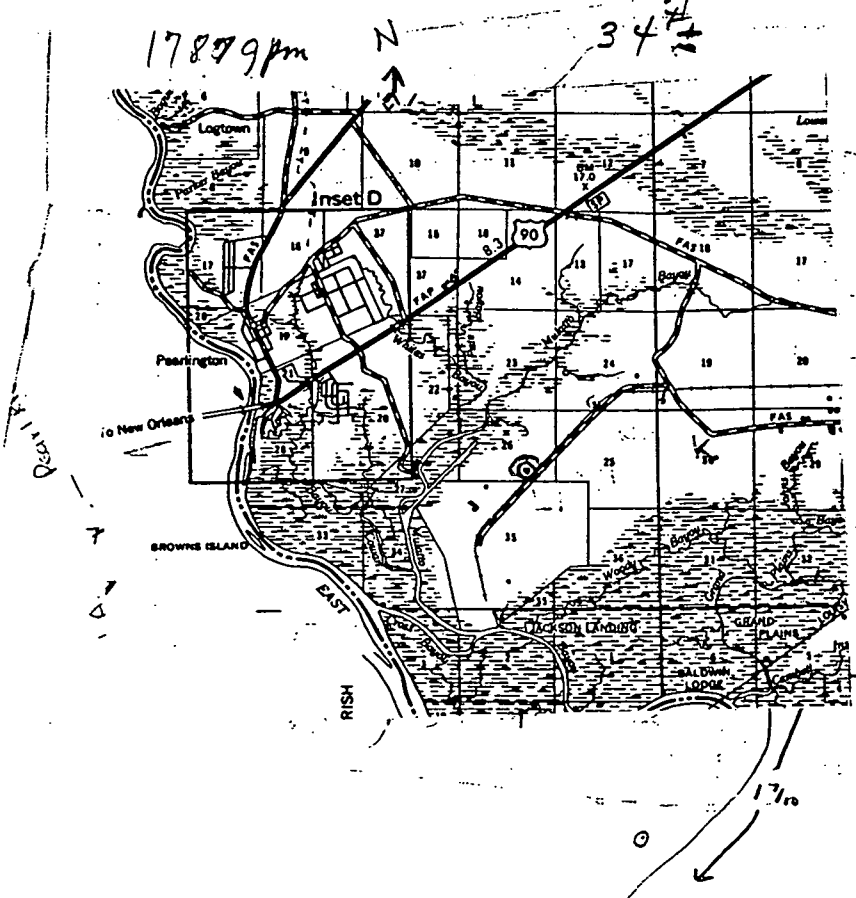
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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



10/22/86
 WL = +51
 COND. 680
 FLOW > 600 gpm

GASTRAVS
 STA.

Well No. _____

HANCOCK
LI
12-31-69
E Log # 58

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

Dec. 31 1969 19 MISSISSIPPI DRILLING HANCOCK
 date well completed firm name county well located

LANDOWNER: <u>Hancock County</u>	description of formations encountered	from	to
<u>Port Harbor comm.</u>	<u>SAND & Gumbo</u>	<u>0</u>	<u>161</u>
<u>616 NATIONAL BANK Bldg -</u>	<u>FINE SAND</u>	<u>161</u>	<u>223</u>
<u>Highway #90 Bay St Lewis</u>	<u>Broken Shale</u>	<u>223</u>	<u>430</u>
(mailing address) MISS	<u>SAND</u>	<u>430</u>	<u>487</u>
WELL LOCATION:	<u>SHALE BROKE SAND</u>	<u>487</u>	<u>880</u>
sec. <u>35</u> T <u>9</u> N R <u>16</u> E	<u>FINE SAND to good</u>	<u>880</u>	<u>1040</u>
<u>26</u> S W	<u>SHALE (Hard)</u>	<u>1040</u>	<u>1200</u>
<u> </u> miles of <u>Prelinger</u>	<u>SAND</u>	<u>1200</u>	<u>1219</u>
(distance) (direction) (nearest town)	<u>SHALE (Blue)</u>	<u>1219</u>	<u>1247</u>
WELL PURPOSE: <u>Industrial</u>	<u>SAND Good</u>	<u>1247</u>	<u>1320</u>
(home, irrigation, municipal, industrial)	<u>SHALE (Blue) with</u>		
WELL COMPLETION DATA:	<u>Broken Gumbo</u>	<u>1320</u>	<u>1420</u>
(1) diameter (inches) <u>8"</u>	<u>HARD FINE SAND</u>	<u>1420</u>	<u>1440</u>
(2) total depth (feet) <u>2006</u>	<u>HARD SANDY SHALE</u>	<u>1440</u>	<u>1540</u>
(3) static water level (feet) <u>78+</u> below top of ground.	<u>FINE SAND (Broken)</u>	<u>1540</u>	<u>1590</u>
(4) casing <u>STEEL</u> 1946 (material) (depth)	<u>BROKEN SHALE</u>	<u>1590</u>	<u>1743</u>
<u>12x8"</u> if telescope see back. (size)	<u>HARD ROCK (lime stone like)</u>	<u>1743</u>	<u>1796</u>
(5) screen <u>100'</u> 1906 (length) (depth to top)	<u>BROKEN FINE to</u>		
<u>4"</u> Stainless Steel (size) (material)	<u>COARSE SAND</u>	<u>1796</u>	<u>1977</u>
(6) pump <u>1300</u> (HP) (yield gpm)	<u>good SAND with PEA</u>	<u>1977</u>	<u>2004</u>
(type power)	<u>GRAVEL at bottom</u>	<u>2004</u>	<u>2006</u>
(7) electric log <u>YES</u> (yes or no)	<u>HARD SHALE</u>		
<u>USGS</u> (organization running log)			
(8) how well bottom plugged <u>Back</u>			
<u>Pressure Valve</u>			
DRILLERS REMARKS: <u>good water</u>			
<u>ph level is .06 ppm good taste</u>			
<u>No turbidity</u>			

APR 19 1972

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

JUN 16 1996

JUN 16 1996

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-2702

Office of Land & Water Resources

Office of Land & Water Resources

This box is for office use only.

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

Issued: <u>8-13-96</u>	Expires: <u>8-13-2006</u>	Fee Paid: <u>X</u>	Permit No. <u>GW-15099</u>
Lat. <u>30-13-44</u>	Long. <u>89-34-07</u>	Elev. <u>11</u>	USGS No.
Quad <u>English Forkout</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>LPCGH</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

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

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E

Port Bienville Ind. Park 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: Hancock Co. Board of Supervisors 64-0440746
 (Name) (SSN or Tax ID No.)

P.O. Box 429
 (Address)

Bay St. Louis, MS 39521 (601) 467-9231
 (City) (State & Zip) (Telephone No.)

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

Hancock Co. Port & Harbor Commission 64-0440746
 (Name) (SSN or Tax ID No.)

P.O. Box 2267
 (Address)

Bay St. Louis, MS 39521 (601) 467-9231
 (City) (State & Zip) (Telephone)

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

1/4 of the SW 1/4 of Section 25, Township 9S, Range 16W, 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: Miocene LPCGH MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0230017

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.

If well has already been drilled, when was well completed (date)? Aug., 19 69. Under whose name was well originally drilled (if known)? Morrison Drilling Co. Covington, La.

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 2003' .cet. DRILLER: Morrison Drilling

(b) SURFACE CASING: Length 1903 feet; Diameter 12x8 inches; Type Blck Stl

(c) SCREEN: Length 100 feet; Diameter ? inches; Type SS?

(d) PUMP: Type Split-case; Size 8"; Capacity 1100 gallons per minute; Setting depth n/a feet

(e) POWER UNIT: Type Elec. Motor; Size 60 horsepower

4. PERMITTED VOLUME:

(a) unknown acre-feet per year at a maximum rate of 1100 gallons per minute

(b) 1.03 million gallons per day at a maximum rate of 1100 gallons per minute

(CONTINUED ON BACK)

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. Discription 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 20
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? 90 million'001; 95 mil '007; 95 mil '013; 95mil '019
(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.

Mr. Hal Walters
(Name)
P.O. Box 2267
(Address)
Bay St. Louis, Ms 39521
(City, State, Zip)
601-467-9231
(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.

Hal W. Walters
(Signature)

Subscribed and sworn to before me this 11th day of June, 1996, at _____ County of Hancock
My commission expires 11/8/97; Paulette J. Fernandez 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 #: A101221A

HEALTH DEPT. #: 230017-01 ELEV. 11'

USGS #: L-1 OLWR #: GW-15099

OWNER: Port Bienville Ind Park QUAD: English Lookout
IKR

LOCATION: SW SE S 26 T 95 R 16W COUNTY: Hancock

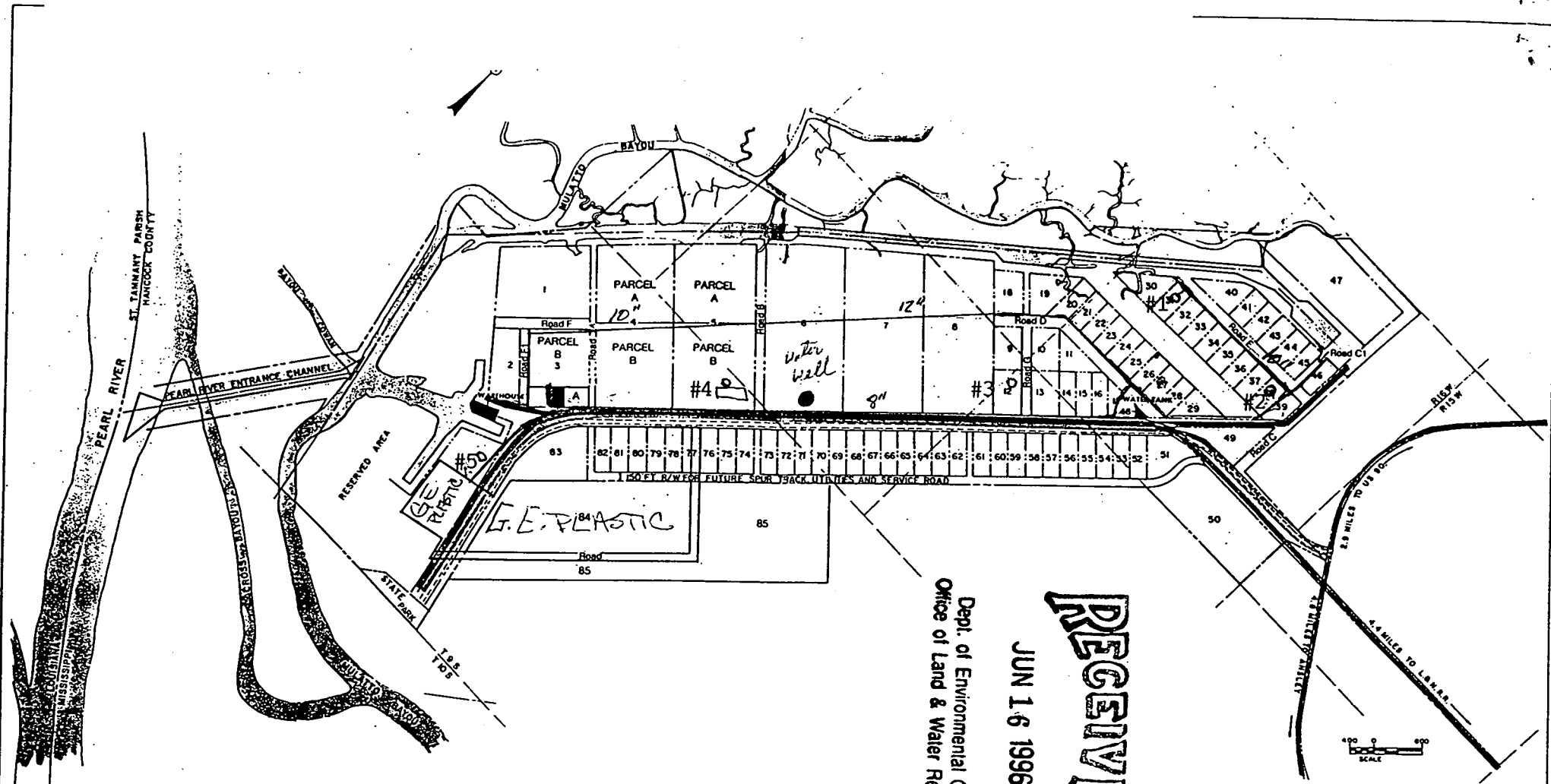
LOCATION DESCRIPTION: _____

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 30° 13.832' LONG. 89° 34.065'

GPS CORRECTED LOCATION: LAT. 30.22981074 LONG. 89.56723242

REMARKS: _____



Port Bienville Industrial Park
 Hancock County
 I-10, 603S, 90W, Follow Signs To Park

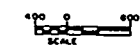
Sample

- Sample Points:
- #1 Gulf Coast Fab
 - #2 Eaglebrook
 - #3 Hancock Industy
 - #4 Maint. Building
 - #5 GE Plastic, in front

Dept. of Environmental Quality
 Office of Land & Water Resources

JUN 16 1996

RECEIVED



PORT BIENVILLE INDUSTRIAL PARK SITE PLAN
 HANCOCK COUNTY PORT AND HARBOR COMMISSION
 BAY ST. LOUIS, MISSISSIPPI



Handwritten: 600-15699

GULFPORT 29 MI.
BAY ST. LOUIS 15 MI.

3044 1 SE
(LOGTOWN)

R. 16 W.

R. 15 W.

2 570 000 FEET (LA.)

251 35' 252 253 254 255 32'30" 256

