

**WELL SCHEDULE
FOR
THE OFFICE OF LAND AND WATER RESOURCES**

Fips: 45

Well: G0050

Log No: _____

Recorded by: DAP Data Source: Drillers log Date: 7/18/2001

County: Hancock Permit No.: MS-GW-13097 DOH No.: 0230007-01

Quad: Kiln Elevation: 5

1/4: _____ 1/4: _____ 1/4: IR 1/4: NW Sec.: 31 T: 75 R: 14W

Plotted on quad? In field? From drillers log? _____ From permit? _____

Latitude: 30° 23' 36.5" Longitude: 89° 26' 32.8" GPS? From quad? _____

Primary Aquifer: GRMFU Secondary Aquifer: _____

Use: PW Well status: _____ Local Well Name: _____

Owner: Jourdan River Shores Utilities, Inc.

Date completed: 10/30/70 Driller: Sutter Wellworks Well depth: 498 Hole depth: 796
(250?)

Pump type: Turbine Power type: Electric Pump capacity: 331 gpm

Screen interval: 458 - 498 Screen length: 40 Screen diameter: 6"

Screen interval: _____ Screen length: _____ Screen diameter: _____

Casing interval: 0 - 458 Casing length: 458 Casing diameter: 8

Casing interval: _____ Casing length: _____ Casing diameter: _____

Type of logs: Drillers, e-log Log interval: _____

Initial water level(l/s): +32 Date: 10/30/70 Measuring point description: _____

Water Quality Data? _____ Source: _____ Reliability: _____

Water Level Data? _____ Source: _____ Reliability: _____

Pump Test Data? _____ Source: _____ Reliability: _____

Water Use Data? _____ Source: _____ Reliability: _____

Water level data

This area for location map and notes

SWB UGRMF G-50

Issued: <u>1-11-94</u>	Expires: <u>1-11-2004</u>	Fee Paid: <input checked="" type="checkbox"/>	Permit No. <u>MS6W-13097</u>
Lat. <u>302336</u> Long. <u>892632</u>	Elev. <u>5</u>	USGS No.	
Quad. <u>K1LN</u>	Dist.	Basin No. <u>03170009</u>	
STAC		Dam Inv. No.	
		Dam appl. No.	

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

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

RECEIVED

NOV 05 1990

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

Beneficial Use (circle one or more): Irrigation Private Water Withdrawal Municipal Other
 Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby
 Fire Protection Flood Protection Other: privately owned water company

Department of Natural Resources

LANDOWNER:

JOURDAN RIVER SHORES UTILITIES INC. 64-0753957
 (Name) (S/S or Tax ID No.)
112 PORTERS CHAPEL ROAD
 (Address)
VICKSBURG, MS 39180 (601) 638-3977
 (City) (State and Zip) (Telephone Number)

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

(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):

1/4 of the 1/4 of Section 31, Township 7S, Range 14W, County HANCOCK

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) .045 .08 million gallons per day at a maximum rate of 331 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) NA, 19____ and will be completed by (date) 10-30, 1990.

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.
HD 230007-01

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: 498' feet. DRILLER (name): Sutter well Company 1970
- (b) SURFACE CASING: Length: 458 feet. Diameter: 8 inches. Type: Steel
- (c) SCREEN: Length: 40 feet. Diameter: 6 inches. Type: SS
- (d) PUMP: Type: Fairbanks. Size: _____ Capacity: 331 gallons per minute.
Number of stages: _____ Setting depth: _____ feet.
- (e) POWER UNIT: Type: _____ Size: 15 horsepower.
- (f) TYPE OF COMPLETION: _____

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	SECTION	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 502. (b) The number of connections/customers is 201
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? 43,550 1995; 48,000 2000; 52,000 2005; 56,000 2010
(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 _____
_____ Explain any change in quality of water to be released: _____
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:

MONTELL T. WATKINS
(Name)
112 PORTERS CHAPEL ROAD
(Address)
VICKSBURG, MS 39180
(City, State, Zip)
(601) 638-3977
(Telephone)

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

Montell T. Watkins
(Signature)

Subscribed and sworn to before me this 1st day of November 1990 at _____
County of Warren My commission expires My Commission Expires Jan. 5, 1992
Debra K. Foster Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): STEWART/EVERETT DATE: 8/21/96

UNIT DEQ #: _____ FILE #: A082121B

HEALTH DEPT. #: 230007-01 ELEV. 5

USGS #: _____ G-50 OLWR #: GW-13097

OWNER: JOURDAN RIVER ESTATES QUAD: KILN

LOCATION: NW IRR S 31 T 75 R 14W COUNTY: HANCOCK

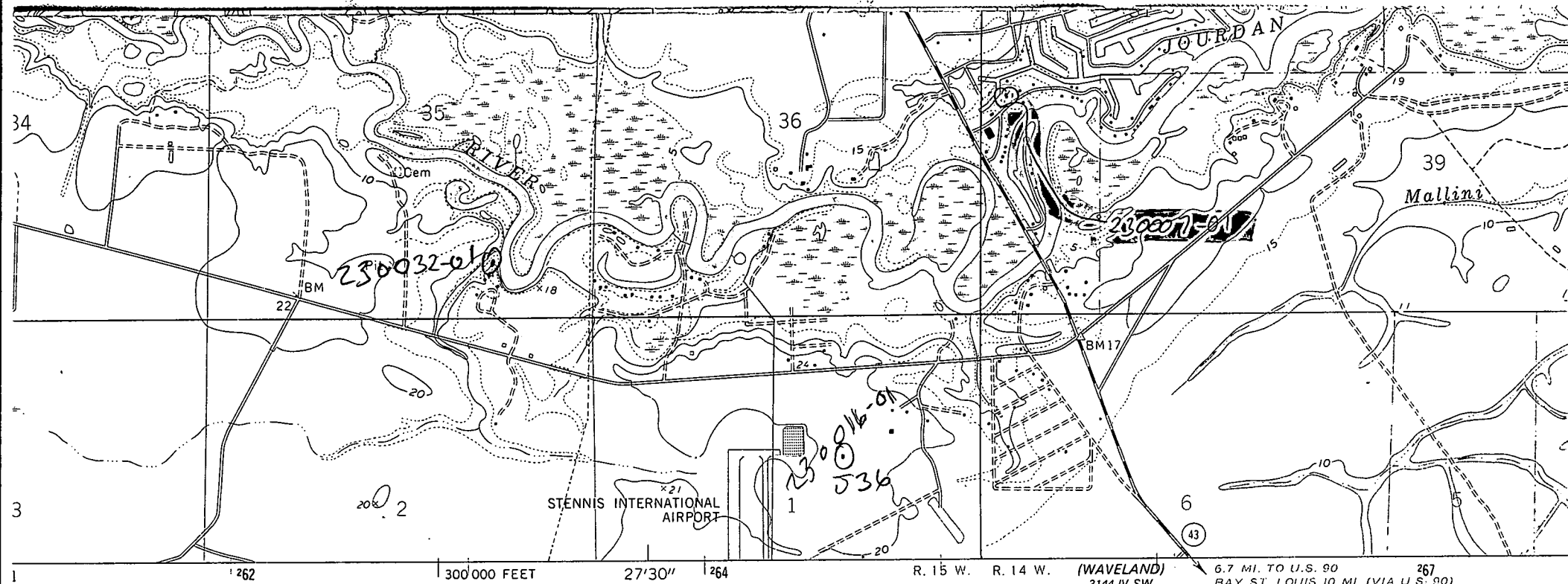
LOCATION DESCRIPTION: _____

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 30° 23.625' LONG. 89° 26.562'

GPS CORRECTED LOCATION: LAT. 30.393465 LONG. 89.442448
LAT. ~~30.3435136~~ LONG. ~~89.35139115~~

REMARKS: _____

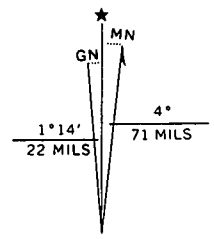


The Geological Survey

Photogrammetric methods
Aerial photographs taken 1954

NAD 29 datum
UTM grid system, east zone
Grid ticks,

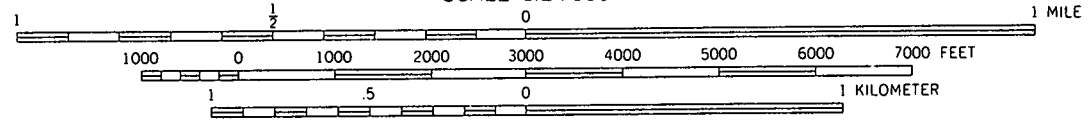
Aerial photographs
at field checked



UTM GRID AND 1976 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1 262 300 000 FEET 27°30' 264 R. 15 W. R. 14 W. (WAVELAND) 3144 IV SW 6.7 MI. TO U.S. 90 267 BAY ST. LOUIS 10 MI. (VIA U.S. 90)

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST