### WELL RECORD

**Agency Code**: U15G5S

**Site Id**: 43101421010189125123801

**Station Name**: K471

**Project No.**: 54

**Grand Island**: 4121

**Pass Quad**: 19

**Lat/Long Ac.**: 14

**Dist**: 628

**State**: 728

**County**: 80461

**Land Net**: 19

**Location Map**: 16

**Altitude**: 161

**Net/Mes**: 15

**Accuracy**: 17

**Hydrologic Unit**: A10

**Agency Use**: 803

**Date Invetoried**: 711

**Station Type**: 804

**Data Type**: 1

### CONSTRUCTION DATA

<table>
<thead>
<tr>
<th>Construction Date</th>
<th>Contractor</th>
<th>Method</th>
<th>Finish</th>
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<tbody>
<tr>
<td>604091011191913</td>
<td>Layne</td>
<td>6541</td>
<td>66451</td>
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### CONSTRUCTION CASING DATA

<table>
<thead>
<tr>
<th>Top/Casing</th>
<th>Bot/Casing</th>
<th>Diameter</th>
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<tbody>
<tr>
<td>7201594</td>
<td>774101</td>
<td>7841611</td>
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<table>
<thead>
<tr>
<th>Top/Casing</th>
<th>Bot/Casing</th>
<th>Diameter</th>
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</thead>
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<tr>
<td>7201594</td>
<td>7741731</td>
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### CONSTRUCTION OPENINGS DATA

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<th>Top/Depth</th>
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<th>Diameter</th>
<th>Type</th>
<th>Length</th>
<th>Width</th>
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<tbody>
<tr>
<td>7261591</td>
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<td>8941211</td>
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<table>
<thead>
<tr>
<th>Top/Depth</th>
<th>Bot/Depth</th>
<th>Diameter</th>
<th>Type</th>
<th>Length</th>
<th>Width</th>
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</thead>
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### CONSTRUCTION LIFT DATA

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<th>Lift Type</th>
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<td>4515</td>
<td>384091011191913</td>
<td>44411</td>
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### MISCELLANEOUS OWNER DATA

**Date of Ownership**: 718159101119193

**Owner Name**: Cure, Joseph E, ET AL

### MISCELLANEOUS OTHER ID DATA

**E-Log No.**: 7361

**Assignor**: 1901111111111111
### MISCELLANEOUS GW DATA

<table>
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<th>Date of Measurement</th>
<th>Aquifer Sampled</th>
<th>Temp</th>
<th>Value</th>
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<tr>
<td>193</td>
<td>1954</td>
<td>1964000100</td>
<td>1974</td>
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### MISCELLANEOUS LOGS DATA

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<tr>
<th>Log Type</th>
<th>Beg. Depth</th>
<th>End Depth</th>
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<td>1994</td>
<td>2004</td>
<td>2014</td>
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### MISCELLANEOUS NETWORK DATA

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<th>Agency Source</th>
<th>Freq</th>
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### MISCELLANEOUS REMARKS DATA

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<th>Date of Remarks</th>
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<tr>
<td>1854</td>
<td>*</td>
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</table>

### DISCHARGE DATA

<table>
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<tr>
<th>Pump/Flow</th>
<th>Date</th>
<th>Discharge</th>
<th>So. Capacity</th>
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<tr>
<td>700</td>
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<td>150</td>
<td>272</td>
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### GEOHYDROLOGIC DATA

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<th>Death Top</th>
<th>Depth Bot.</th>
<th>Unit Id</th>
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<tbody>
<tr>
<td>914</td>
<td>924</td>
<td>934</td>
</tr>
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</table>

### HYDRAULIC DATA

| Unit Tested | 100 | 1034 |

**Yielded 122 gpm w/80 of 13" after 4hrs pumping.**
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources
P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

PUMP DATA

PUMP TYPE (Circle One):
- Turbine, Jet Flowing Well,
- Other (Describe)  

POWER TYPE (Circle One):
- Tractor, Diesel, Gasoline, Butane,
- Other (Describe)  

Pump Capacity (GPM) 80
No. of Stages 60
Setting Depth 120 FT.

PUMP TEST

Well yielded 127 GPM with a drawdown of 13 ft.
after 4 hours of pumping

WELL DATA

Well Depth 868' 1798.5'
Casing Diameter (In) 12' 10''
Casing Length (Ft) 868
Type of Casing Steel
Hole Depth 868
Flowing
Depth to Static Water Level

TYPE OF COMPLETION (Circle One or More):
- Underreamed,
- Telescoped,
- Natural Development,
- Open Hole,
- Other (Describe)  

Top of Lap Pipe or Reduction in Casing 739.5 FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches 10''
Length - Feet 60
Slot Size - Inches .020''
Type of Casing Stainless Steel
Depth to Bottom - Feet 802'

DESCRIPTION OF FORMATIONS ENCOUNTERED

FROM TO FORMATIONS (Continued)

Soft Clay 0' 40' Spady Clay 520' 536'
Clay 40' 60' Spady Clay 536' 584'
Clay 60' 130' Sand & Shale 584' 599'
Clay 130' 175' Sand & Clay 599' 630'
Clay 175' 195' Sand & Clay 630' 646'
Clay 195' 225' Clay & Sand 646' 692'
Clay 225' 270' Sand & Shale 692' 720'
Clay 270' 310' Clay 720' 770'
Clay 310' 400' Spady Clay 770' 799'
Clay 400' 430' Spady Clay 799' 814'
Clay 430' 470' Sand & Clay 814' 819'
Clay 470' 560' Sand & Clay 819' 860'

IF MORE SPACE IS NEEDED, USE BACK
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FOR BENEFICIAL USE 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  Recreation  Institutional (Examples: Church, School)  Commercial (Examples: Hotel, Restaurant)  Livestock  Fire Protection  Standby

LANDOWNER:

[ ] Gulf Coast Inc. (George Baxter, President & CEO)

(Name)

P.O. Box 9  215 Collier Ave

(Address)

Waveland, MS 39576  (601) 467-6344

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

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

Benson & Associates

(Name)

904 Gore Road

(Address)

Jackson, MS 39212  (601) 377-1617

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

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

SE 1/4 of the SE 1/4 of Section 19 Township 9S  Range 16W  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) _______ million gallons per day at a maximum rate of _______ 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) November 1992 and will be completed by (date) December 1992.

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.

Old Shallow Well Which will be Abandoned

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

1. Source of water is from _______ which drains into _______ which drains into _______

2. Description of pump/diversion works:

(a) Pump (size and type): _______ Power Unit (size and type): _______

(b) Name of storage reservoir: _______ Dam height: _______ feet.

Surface area at normal pool: _______ acres. Storage capacity at normal pool: _______ acre-feet.

(Continued on back)
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everett

DATE: 4/17/98

UNIT DEQ #:

FILE #: A041715A

HEALTH DEP'T #: 230064-01

ELEV. 5

USGS #: K 471

OLWR #: GW14529

OWNER: Bayou Caddy Jubilation Cassco

LOCATION: George 50°40'56"N 91°29'9"W R 95 COUNTY: Hancock

LOCATION DESCRIPTION: South of Bay St. Louis on the beach road at Bayou Caddy

CASING DIA: PUMP TYPE & SIZE: Subm.-flow

GPS FIELD LOCATION: LAT. 30°14'36.0" LONG. 89°25.524'

GPS CORRECTED LOCATION: LAT. 30°13'55.50" LONG. 89°42'55.55"W

REMARKS: Grand Island Pass Road.
COUNTY WELL LOCATED

WELL NUMBER: 1
CODE: 1

PERMIT NUMBER: MS-EW-14509

DATE WELL COMPLETED: Sept. 1993

NAME & MAILING ADDRESS OF LANDOWNER:

Bayou Caddy Casino
P.O. Box 459
Waveland, MS 39576

WELL LOCATION:
SEC: 11
TOWNSHIP: 14
RANGE: 9

DISTANCE FROM NEAREST TOWN:
3 Miles South of Waveland

OTHER LANDMARK:
Across from Bayou Caddy Ice Plant

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

"Recreational"

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

PUMP DATA

PUMP TYPE (Circle One):
- Submersible
- Turbine
- Jet
- Flowing Well
- Other (Describe)

POWER TYPE (Circle One):
- Electric
- Tractor
- Diesel
- Gasoline
- Butane
- Other (Describe)

H/P: 10

Pump Capacity (GPM): 120
No. of Stages: 60
Setting Depth: 120 FT.

PUMP TEST:
Well yielded 120 GPM with a drawdown of 13 ft.
after 4 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One):
- No Log Run
- Electric
- Gamma Ray
- Density
- Sonic
- Neutron
- Other (Describe)

Name of Organization Running Log:
Layne-Central Co.

GEOLOGIC DATA (Office Use Only)

NAME OF DRILLING FIRM:
Layne-Central Co.

DESCRIPTION OF FORMATIONS ENCOUNTERED FROM TO FORMATIONS (Continued) FROM TO

Soft Clay 0' 40' Sandy Clay 500' 530'
Coarse Sand 40' 60' Gravely Clay 530' 580'
Sand Clay 60' 130' Sand & Shale 580' 599'
Silt 130' 175' Sand & Clay 599' 630'
Clay & Sand 175' 195' Sand & Clay 630' 660'
Sand & Clay Beds 195' 270' Clay Sand & Shale 660' 692'
Sandy Clay 270' 310' Shale 692' 720'
Shale 310' 400' Clay 720' 770'
Clay 400' 490' Shale 770' 800'
Sandy Clay 490' 540' Shale 800' 900'
Clay 540' 670' Sandy Clay 900' 940'
Sandy Clay 670' 700' Sandy Shale 940' 974'
Clay 700' 500' Sand 974' 993'

If more space is needed, use back page.

Dept. of Environmental Quality
Office of Land & Water Resources

MAR 28 1994