WELL SCHEDULE

FIPS: 21
WELL: F66
LOG NO.: __________

Recorded by: Phillips Data Source: driller's log Date: 3/11/05
County: Claiborne Permit No.: 6W15026 DOH No.: 0110011-04
Quad: Grand Gulf Elevation: __________
  ¼: __________ ¼: __________ ¼: __________ ¼: __________ Sec.: __________ T: __________ R: __________

Plotted on quad?: __________ In field? __________ From drillers log? __________ From permit? __________
Latitude: __________ Long tude: __________ GPS? __________ From Quad? __________
Primary aquifer: MOCN Secondary aquifer: __________
Use: __________ Well status: __________ Local well name: Grand Gulf #4
Owner: System Energy Resources, Inc.

Date completed: 1/18/96 Driller: Layne Central Well depth: 163 Hole Depth: 163
Pump type: T Power type: E Pump capacity: 506 HP: 50
Casing interval: 0-103 Casing length: 103 Casing diameter: 18" Casing type: 5
Casting interval: 0-190' Casing length: 190' Casing diameter: __ __ Casing type: __ __
Screen interval: 110-150' Screen length: 40' Screen diameter: 10" Screen type: 55
Screen interval: __ __ Screen length: __ __ Screen diameter: __ __ Screen type: __ __
Type of logs: __ __ Log interval: __ __
Initial water level: 91 Date: 1/18/96 M.P. description: __ __

Water Quality Data? __________ Source: __________ Reliability: __________
Water Level Data? __________ Source: __________ Reliability: __________
Pump Test Data? __________ Source: __________ Reliability: __________
Water Use Data? __________ Source: __________ Reliability: __________
COUNTY WELL LOCATED
Mississippi
WELL NUMBER
F66
DATE WELL COMPLETED
1-15-96
NAME MAILING ADDRESS OF LANDOWNER
Entry operations
P.O. BOX 31945
Jackson, MS 39286-1995
OTHER LANDMARK
A treatment plant
WELL PURPOSE (Domestic, Industrial, Etc.): Domestic
PUMP DATA
PUMP TYPE: (Circle One): Jet, Flowing Well
POWER TYPE: (Circle One): Diesel, Gasoline, Biogas
Other: (Describe) 50
PUMP TEST
Well yielded 506 gpm with a drawdown of 11.5 ft.
after 4 hours of pumping
LOG DATA
TYPE OF LOG RUN: (Circle One): No Log Run
Other: (Describe)
NAME OF ORGANIZATION RUNNING LOG
GEOLOGIC DATA (Office Use Only)
SWELL TEST: Gasoline Unit: Unit Thickness: Depth to Top
SWL SWL Date Analysis Aquifer Type
PUMP TEST ON SCREEN BOTTOM: Pump on or screen bottom
Top of lap pipe or reduction in casing
FEET (If telescoped or more than one screen, use back page)
DESCRIPTION OF FORMATIONS ENCOUNTERED
From To
Brown Clay 0 90
Yellow Clay 90 95
Sand and gravel 95 155
Blue Clay 155 163
If more space is needed, use back page.
If well telescopes please sketch and show depths.

GROUN DLEVEL

13"

12"

Lap 2

12" Screen

-103'

20"

12" Pump Can

If more than one screen, show location of each on sketch.

SECTION
Please indicate well location X.

ADDITIONAL INFORMATION

12" Lap Extended to surface

Bottom casing 103'

Top Screen 110'

B01 - Screen 150'

B01 - Pump Can 163'
Log of Well for: Entergy
Address (City): Port Gibson
(County): Claiborne
State: Mississippi
Location of Well: Water treatment plant, Grand Gulf
Made in Test Hole No.: one
Nuclear Power Plant

18" Epoxy coated inside
12" Epoxy coated inside & out

STARTED WELL: January 8, 1996
AND COMPLETED: January 18, 1996
TOTAL DEPTH: 163'
ELEVATION: 91'
STATIC WATER LEVEL: 163'
ALL MEASUREMENTS TAKEN FROM (GROUND) (TOP OF FOUNDATION) (TOP OF CASING) (TOP BASE PLATE)

SURFACE CASING:
SIZE: n/a
LENGTH: n/a
THICKNESS: n/a
WELDED: TAG

CEMENTED WITH:
SACKS CEMENT: n/a
OR PACKER TYPE: n/a
WELDED: TAG

WELL CASING:
SIZE: 18"
LENGTH: 103'
WEIGHT: n/a
WELDED: TAG

CEMENTED WITH:
SACKS CEMENT: portland
OR PACKER TYPE: n/a
WELDED: TAG

INNER CASING SIZE:
12"
LENGTH: 110'
TYPE MATERIAL: steel
WELDED: TAG

WITH Loop x guides (GUIDES LOCATED) 20' & 100'
TYPE BACKOFF: n/a

SIZE SEAL: n/a
BACK PRESSURE VALVE: n/a
SIZE: n/a
LENGTH GUIDE: n/a

WELL STRAINER: MAKE: Houston TYPE: s.s. wire wrap WITH: welded CONNECTIONS

SIZE HOLE DRILLED FOR SURFACE CASING: n/a
WITH: n/a BIT

SIZE HOLE DRILLED FOR WELL CASING: 26"
WITH: reverse roller BIT

SIZE HOLE DRILLED FOR STRAINER: 26"
WITH: reverse roller REAMER

YARDS OF GRAVEL USED: 12
HOW PLACED: poured
TYPE: 10-20

HOW WAS WELL DEVELOPED: test pump
SAND: no
CLEAR: yes

FOUNDATION INSTALLED:
NO DEPTH FEELING RODS: 18'
TOP OF WELL GROUND LEVEL

NOTES: Plate on bottom of can

RIG USED: Reverse flow SUPT.: A.K. Collins DRILLER: Clinton Dunn

Screen: 110' - 150'
13' can - 150' - 163'

LAYNE Central DIVISION
LW-177 7/90
<table>
<thead>
<tr>
<th>TOTAL DEPTH</th>
<th>EACH STRATUM</th>
<th>FORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–90</td>
<td>90</td>
<td>Brown clay</td>
</tr>
<tr>
<td>90–95</td>
<td>5</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>95–155</td>
<td>60</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>155–163</td>
<td>8</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

DRILLING TIME ________ HR.
DAYS ON JOB ________ 6
SIZE TEST HOLE 26"
TYPE BIT USED reverse roller

CLINTON DUNN
DRILLER
A.K. COLLINS
FIELD SUPT.

Layne
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USGS #: F0066 HEALTH DEPT. #: 0110011-04 OLWR #: GW-15026
OWNER: System Energy Res. COUNTY: Claiborne
LOCATION: 1R 1R Sec 12 2E
QUAD: Grand Gulf ELEV: 
GPS FIELD LOCATION: LAT: 32.01145 LONG: 91.054060
LOCATION DESCRIPTION: New Well

CASING DIAMETER: 18 PUMP TYPE AND H.P.: Turb
USER NAME(S) PLB/PCE DATE: Feb 18-2005 PICTURE #:

REMARKS: Tagged
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Richard Ingram  DATE: 0-10-98
UNIT DEQ #: OPR/GWPR  FILE #:
HEALTH DEPT. #: 0110011-04  ELEV. ~ 145
USGS #: F66  OLWR #: GW15026
OWNER: System Energy Resources Inc., Grand Gulf
LOCATION: NW 1/4 NE 1/4 T 12 N R 36 E  COUNTY: Claiborne
LOCATION DESCRIPTION: beside water tower

CASING DIA:  PUMP TYPE & SIZE: 

GPS FIELD LOCATION: LAT. 32.011572  LONG. 91.053886
* GPS CORRECTED LOCATION: LAT. 32°00'41.66"  LONG. 91°03'13.99"
REMARKS: Grand Gulf Nuclear Power Station

NOTE: position taken ~10' e/o of well due to locked fence
well # verified by employee at site

*real-time, corrected and averaged data collected
Map center is 32° 00' 41"N, 91° 03' 15"W (WGS84/NAD83)

**Grand Gulf** quadrangle

Projection is UTM Zone 15 NAD83 Datum

M=1.068
G=1.032