

1/81WTO

Gwo2868 0616036-04

TRANSMITTED FOR ADP

Recorded by W Crout

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

Shelbottle

Well No. B-43

E-Log No. 515

County Danbin

Site ID 322249089582101 R=0* T=A* 2=W* (Bashed Spring QUAD - 230A)

Data reliab. 3-H Report. agency 4-USGS Dist. 6-28 7=28* Co. 8-121

Lat. Long. 9-322249 10-0895821 Well No. 12-B043

Subrock Location 13-SENE S T 0.6 N R 0.3 E 304 Alt. 16-3220 31230

Hyd. Unit (OWDC) 20- Date 21-1110911980

Well use 23-W Water Use 24-P Hole depth 27-1298 Well depth 28-1190

WL 30-155 Date 31-1110911980 Source 33-D

Status 273- Project No. 5- WL = 159.8181

R=158* T=A* Date 159-1110911980 Owner No. Water Supply Dist

Owner 161# PEARL R WTR DIST (Waterwood well)

R=192* T=A* Date 193-0811911981 Temp. 196#00010 197-29.0

R=192* T=A* Date 193-0811911981 Cond. 196#00095 197-300

R=192* T=A* Date 193-0811911981 pH 196#00400 197-7.4

R=58* T=A* 59#1 Date 60-1110911980 Remarks

Drlg. 63-0.64 Name Layne Central Method 65-H Finish 66-15

R=76* T=A* 59#1 Steel

Top csgn. 77# 0 Bot. csgn. 78-1056 Diam. 79# 16

R=76* T=A* 59#1

Top csgn. 77# 1056 Bot. csgn. 78-1110 Diam. 79# 10

R=82* T=A* 59#1 Top 83# 1110 Bottom 84-1190

Type 85-5 Diam. 87-10 Size 88- 1170 SPRT

R=82* T=A* 59#1 Top 83# Bottom 84-

Type 85- Diam. 87- Size 88-

YIELD R= 146 T=A* 147#1 Q 150-750 Q/S 272-
134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

Date 38= 11/10/91/1980* H.P. 46= 150.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1258.*

R=198* T= A * Log 199# E* Top 200= 40.* Bot 201= 1298.*

R=189* T= A * E Log No. 190# 515* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# 1980* 117= USGS* 120= B*

AQUIFERS

R=90* T= A * 256# 1* Top 91= 1109.5.* Bot 92= 1194.*

Unit ID 93= 1245.PPT* Name of Unit SPARTA

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)

Spillway Pds

Pump # 95358

description of formations encountered	from	to
sandy clay	0'	10'
sand	10'	25'
clay	25'	308'
sandy shale	308'	465'
sand + shale streaks	465'	527'
shale	527'	556'
sand + shale streaks	556'	616'
shale	616'	715'
hard shale	715'	773'
rock	773'	777'
clay	777'	786'
rock	786'	789'
clay	789'	795'
rock	795'	797'
clay	797'	809'
shale + sand streaks	809'	857'
shale	857'	925'
sand + shale	925'	954'
sand	954'	1075'
clay	1075'	1095'
sand	1095'	1194'
clay	1194'	1258'

RANKIN
G-43
11-9-80

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

2
 CODED

WATER WELL DRILLERS LOG

11-09 1980 Layne-Central Company Rankin
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Pearl River Valley Water Supply District</u>	<u>Sandy Clay</u>	<u>0'</u>	<u>10'</u>
<u>P.O. Box 12128</u>	<u>Sand</u>	<u>10'</u>	<u>25'</u>
<u>Jackson, Miss. 39211</u>	<u>Clay</u>	<u>25'</u>	<u>308'</u>
(mailing address)	<u>Sandy Shale</u>	<u>308'</u>	<u>465'</u>
WELL LOCATION: <u>Spillway Road</u>	<u>Sand & Shale streaks</u>	<u>465'</u>	<u>527'</u>
sec. <u>10</u> T. <u>6</u> N. R. <u>3</u> E	<u>Shale</u>	<u>527'</u>	<u>556'</u>
(distance) miles (direction) of (nearest town)	<u>Sand & Shale streaks</u>	<u>556'</u>	<u>616'</u>
WELL PURPOSE: <u>Domestic</u>	<u>Shale</u>	<u>616'</u>	<u>715'</u>
(home, irrigation, municipal, industrial)	<u>Hard Shale</u>	<u>715'</u>	<u>773'</u>
WELL COMPLETION DATA:	<u>Rock</u>	<u>773'</u>	<u>777'</u>
(1) diameter (inches) <u>16"</u>	<u>Clay</u>	<u>777'</u>	<u>786'</u>
(2) total depth (feet) <u>1197'</u>	<u>Rock</u>	<u>786'</u>	<u>789'</u>
(3) static water level (feet) <u>155'</u> below top of ground.	<u>Clay</u>	<u>789'</u>	<u>795'</u>
(4) casing <u>Steel</u> <u>1110'</u>	<u>Rock</u>	<u>795'</u>	<u>797'</u>
(material) (depth)	<u>Clay</u>	<u>797'</u>	<u>809'</u>
<u>16"</u> If telescope see back.	<u>Shale & sand streaks</u>	<u>809'</u>	<u>857'</u>
(size) <u>63'6"</u> or <u>10"</u>	<u>Shale</u>	<u>857'</u>	<u>925'</u>
(5) screen <u>80'</u> <u>1110'</u>	<u>Sand & Shale</u>	<u>925'</u>	<u>954'</u>
(length) (depth to top)	<u>Sand</u>	<u>954'</u>	<u>1075'</u>
<u>10"</u> <u>Stainless Steel</u>	<u>Clay</u>	<u>1075'</u>	<u>1095'</u>
(size) (material)	<u>Sand</u>	<u>1095'</u>	<u>1194'</u>
(6) pump <u>150</u> <u>750 GPM</u>	<u>Clay</u>	<u>1194'</u>	<u>1258'</u>
(HP) (yield gpm)			
<u>Electric</u>			
(type power)			
(7) electric log <u>yes</u>			
(yes or no)			
<u>Layne-Central Company</u>			
(organization running log)			
(8) how well bottom plugged <u>Valve</u>			
DRILLERS REMARKS:			

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES
 JAN 23 1981
 RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/31/96

UNIT DEQ #: _____ FILE #: A073113E

HEALTH DEPT. #: 610036-04 ELEV. 304

USGS #: G43 OLWR #: GW02868

OWNER: PRVWSD QUAD: Goshen Springs

LOCATION: SE/NE S 9 T 6 N R 3 E COUNTY: Rankin

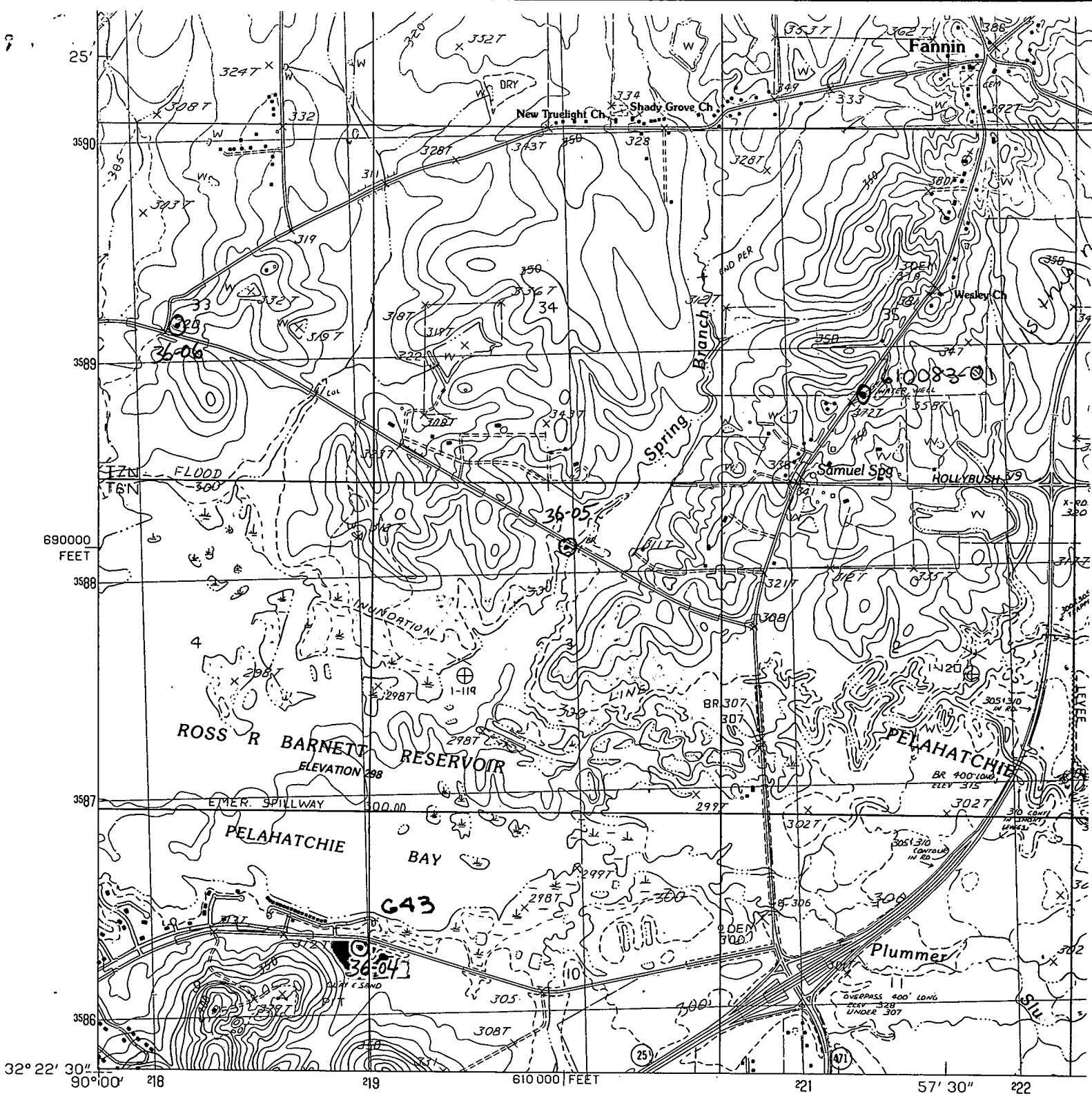
LOCATION DESCRIPTION: On north side of Spillway Rd.
just east of Waterwood

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/150 HP

GPS FIELD LOCATION: LAT. 32° 22.844' N LONG. 89° 59.226' W

GPS CORRECTED LOCATION: LAT. 32.38045284 LONG. 89.98742561

REMARKS: Measured 28' north of well



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
 CONTROL BY USGS AND NOS/NOAA
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
 FIELD CHECKED 1980. MAP EDITED 1982
 PROJECTION TRANSVERSE MERCATOR
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 16
 10,000-FOOT STATE GRID TICKS MISSISSIPPI, WEST ZONE
 UTM GRID DECLINATION 1°35' WEST
 1982 MAGNETIC NORTH DECLINATION 3°30' EAST
 VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
 To place on the predicted North American Datum of 1983
 move the projection lines as shown by dashed corner ticks
 (13 meters south and 7 meters east)
 There may be private inholdings within the boundaries of any
 Federal and State reservations shown on this map

PROVISIONAL MAP
 Produced from original
 manuscript drawings. Informa-
 tion shown as of date of
 field check.

