

1/81 WTO

6W02172
0610009-03

7/3/96

TRANSMITTED BY AIR

Recorded by WTO

U.S. GEOLOGICAL SURVEY

Well No. 050

Date 6/4/81

WATER RESOURCES DIVISION

E-Log No. 522

MISSISSIPPI DISTRICT

County Rankin

WELL RECORD

Florence quad

Site ID 3.2.0.9.5.4.0.9.0.0.9.0.9.0.1 R=0* T=A* 2=W*

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=1.2.1*

Lat. Long. 9=3.2.0.9.5.4* 10=0.9.0.0.9.0.9* Well No. 12=050*

NW Location 13=NE NW 25 T 04 N R 01 E* Alt. 16=390* 405

Hyd. Unit (OWDC) 20= Date 21=02/19/1980*

Well use 23=W* Water Use 24=P* Hole depth 27=1200* Well depth 28=1000*

WL 30=268* MU Date 31=03/14/1980* Source 33=D*

Status 273= Project No. 5= 11/3/86 WL=279.1

R=158* T=A* Date 159# 03/14/1980* Owner No. Well #3

Owner 161# FLORENCE West main

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

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

R=192* T=A* Date 193# 05/22/1981* pH 196#00400* 197=8.2*

R=58* T=A* 59# 1* Date 60=03/14/1980* Remarks

Drig. 63=0.64* Name Jayne Jackson Method 65=H* Finish 66=15*

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

Top csgn. 77# 0* Bot. csgn. 78=960* Diam. 79# 10*

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

Top csgn. 77# 892* Bot. csgn. 78=960* Diam. 79# 6*

R=82* T=A* 59# 1* Top 83# 960* Bottom 84=1000*

Type 85=S* Diam. 87=6* Size 88=

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

Type 85= Diam. 87= Size 88=

CCKF

R=146* T=A* 147# 1* Q 150=250* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD LOG

CONSTR.

CASING

OPENINGS

YIELD

LIFT.

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

Date 38= 03/14/1980* H.P. 46= 50.*

LOGS

R=198* T= A * Log 199# E* Top 200= 50.* Bot 201= 119.7.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1200.*

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

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 96.5.* Bot 92= 100.5.*

Unit ID 93= 124CCKF * Name of Unit

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)

39' dd @ 259 gpm @ 60#

description of formations encountered	from	to
Clay	0'	17'
Sand	17'	95'
Clay	95'	187'
Rock	187'	187'
Clay Rock	189'	210'
Sand	210'	222'
Clay	222'	325'
Sand Shale	325'	495'
Sand Clay	495'	687'
Sand Shale	687'	850'
Shale & Fine sand sh.	850'	960'
Fine sand	960'	1010'
Shale	1010'	1200'

RANKIN
 D50
 3-14-80
 Log #522

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

CODED

WATER WELL DRILLERS LOG

3-14-1980 date well completed
 Layne-Central Company firm name
 Rankin county well located

LANDOWNER: Well #3
 Town of Florence
 Florence Miss.
 / (mailing address)

WELL LOCATION:
 sec. 25 T 3 N R 1 E
 4 S
 miles (distance) of (direction) (nearest town)

WELL PURPOSE: Municipal
 (home, irrigation, municipal/industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10"
 - (2) total depth (feet) 1013'
 - (3) static water level (feet) 268' below top of ground.
 - (4) casing Steel 960' (material) (depth)
 10" (size) if telescope see back.
 + 68' 27 6"
 - (5) screen 40' 960' (length) (depth to top)
 6" (size) Stainless Steel (material)
 - (6) pump 50 HP 250 (HP) (yield gpm)
 Electric (type power)
 - (7) electric log Yes (yes or no)
 Layne Central Co. (organization running log)
 - (8) how well bottom plugged Valve

description of formations encountered	from to	
Clay	0'	17'
Sand	17'	95'
Clay	95'	187'
Rock	187'	187'
Clay rock	189'	210'
Sand	210'	222'
Clay	222'	325'
Sandy shale	325'	495'
Sandy clay	495'	687'
Sandy shale	687'	850'
Shale & fine sand str.	850'	960'
Fine sand	960'	1010'
Shale	1010'	1200'

CODED

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

SEP 30 1981

RECEIVED

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/3/96

UNIT DEQ #: _____ FILE #: A070314A

HEALTH DEPT. #: 610009-03 ELEV. 412' 405

USGS #: 050 OLWR #: Gw02172

OWNER: Town of Florence QUAD: Florence

LOCATION: NE/NW 25
SW/SW S 24 T 4N R 1E COUNTY: Rankin

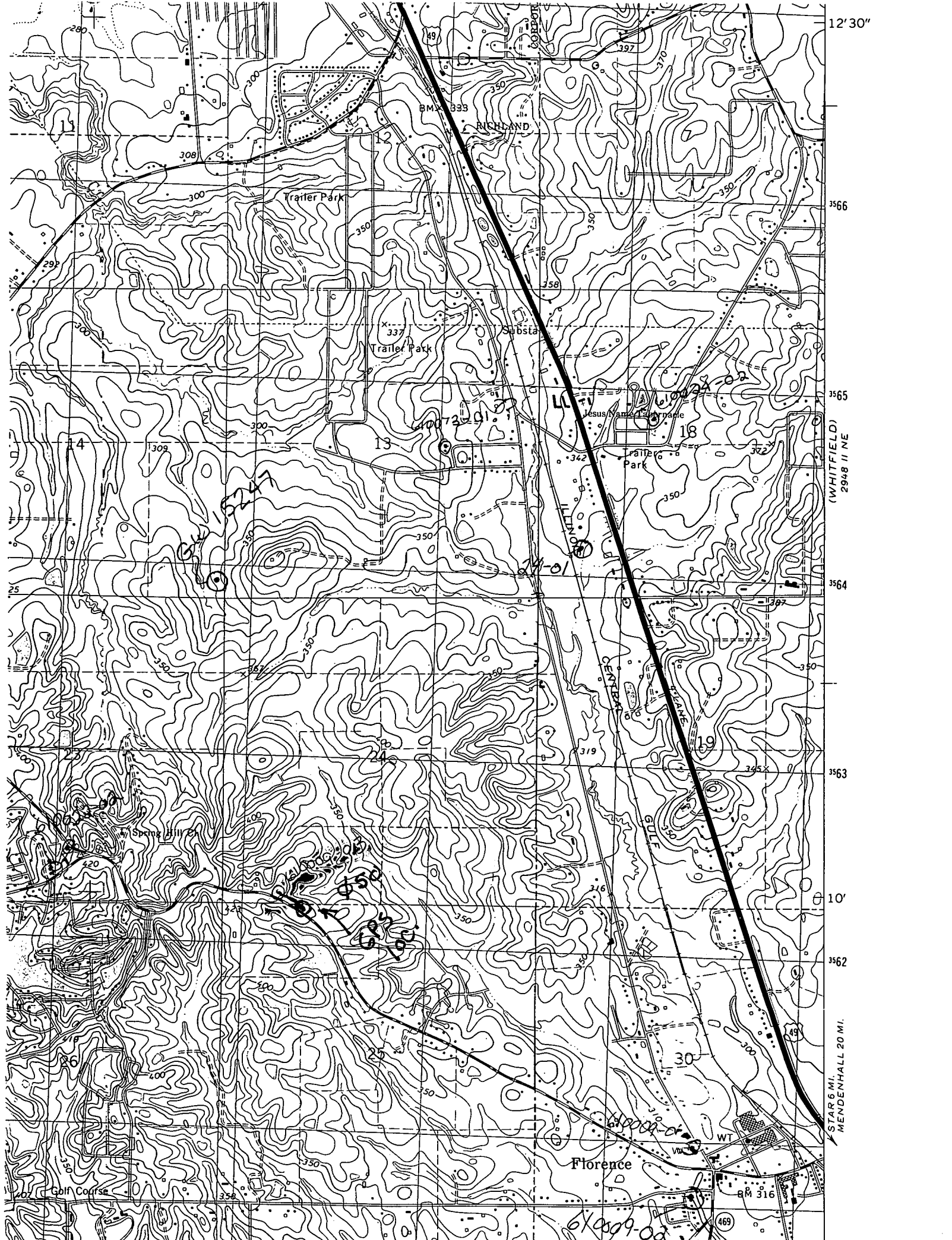
LOCATION DESCRIPTION: West on West Main St. at
elevated tank 1.6 miles from 469

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/75 HP

GPS FIELD LOCATION: LAT. 32°09.965' N LONG. 90°09.298' W

GPS CORRECTED LOCATION: LAT. 32.16606717 LONG. 90.15505596

REMARKS: Measured 25' south of well



12' 30"

3566

3565

3564

3563

10'

3562

STAR 6 MI.
MENDENHALL 20 MI.

(WHITFIELD)
2948 II NE

RICHLAND

Trailer Park

Trailer Park

Jesus Yarns Center

Trailer Park

Spring Hill

Florence

WT

Golf Course

BM 333

BM 316

X 337

Substa

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