

7/3/96

320926090074501

Tag # 135  
P47

WRD Exp. (GW)  
April 1966

Well No.

WELL SCHEDULE

249A

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

GW02174 0610009-01

Record by C. Jessup Source of data MSG5 Date 6-21-66 Map Florence

State Miss. County Rankin (or town) 61

Latitude: 32° 09' 26" N Longitude: 090° 07' 45" W Sequential number: 1

Lat-long accuracy: 20 T. 4 S. R. 2 W. Sec 30 NW 1/4, SW 1/4, SE 1/4 NW/NW/SW/SE

Local well number: P047CD3004NO2E Other number: Well # 1 (Polia St)

Local use: 064135 Owner or name: Town of Florence

Owner or name: FLORENCE Address: Florence

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Inatit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P.S, (Y) Desal-other, (Z) Other MU

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (P) Obs, (R) Oil-gas, (T) Recharge, (U) Test, (W) Unused, (X) Withdraw, (Z) Waste, (Z) Destroyed W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  yes no; period:

Aperture cards:  yes

Log data: Tag 10-1059 ft. CCKF DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 960 ft 955 Meas. rept accuracy 3

Depth cased: (first perf.) 914 ft Casing type: 8x6 in 8

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. (I) open (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open (O) hole, (P) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air, (H) reverse, (I) percuss, (J) rotary, (K) rotary, (L) air, (M) reverse, (N) trenching, (O) driven, (P) drive wash, (Q) other 4

Date Drilled: 5-13-66 966 Pump intake setting:  ft

Driller: Layne Central

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 7 Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P.  Trans. or meter no.

Descrip. MP  above  below LSD. Alt. MP

Alt. LSD: 310 Accuracy: (source) 5

Water Level: 133 ft above MP; Ft below LSD 133 Accuracy: 0

Date meas: D. 6/6 Yield: 150 gpm Method determined 61

Drawdown:  ft Accuracy:  Pumping period:  hrs

QUALITY OF WATER DATA: Iron  Sulfate  Chloride  Hard.

Sp. Conduct  K x 10<sup>6</sup> Temp. 5 Note °F  Date sampled

Taste, color, etc. See Note

Note:  
Temp = 25.6°C  
PH = 8.6  
Color = 40 pcu  
5-20-88

11/3/86  
WL = 184.1

Well No.

P47

Well No. P47

Latitude-longitude N  
S

HYDROGEOLOGIC CARD

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 013 Section:         

Drainage Basin: D 137 Subbasin:         

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat         

MAJOR AQUIFER: 124CCKF series TE aquifer, formation, group C:O

Lithology:          Origin:          Aquifer Thickness:          ft.  
Length of well open to: 70 ft. Depth to top of: 41 ft. 900 ft.

MINOR AQUIFER:          series          aquifer, formation, group         

Lithology:          Origin:          Aquifer Thickness:          ft.  
Length of well open to:          ft. Depth to top of:          ft.

Intervals Screened:         

Depth to consolidated rock:          ft. Source of data:         

Depth to basement:          ft. Source of data:         

Surficial material:          Infiltration characteristics:         

Coefficient Trans:          gpd/ft. Coefficient Storage:         

Coefficient Perm:          gpd/ft<sup>2</sup>; Spec cap:          gpm/ft; Number of geologic cards:         


Well No. P47

Rankin  
P47  
12-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

Well No. #12

WATER WELL DRILLERS LOG

Date: 12-21-, 1966, Driller: Layne-Central Co. Rankin

(Name)

**CODED**

(1) Owner of Land: <u>Town of Florence</u> (Name) <u>Florence, Mississippi</u> (Address)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
	Top Soil	2	2
	Yellow Clay	28	28
	White Sand	34	57
(2) Location: <u>1/4, 1/4, Sec. 30 T4R</u>	Hard Blue Clay	46	103
_____ miles _____ of _____ (distance) (direction) (Nearest Town)	Sandy Clay	27	130
(3) Topography: _____ (Hilly) (Flat) (Level)	Rock	3	133
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	Clay	2	135
	Lime Rock	6	141
	Sand	1	142
	Rock	1	143
	Hard Lime	37	180
	Sandy Clay	10	190
	Shale	190	380
	Sandy Shale	20	400
	Shale	260	660
	Sandy Shale	80	740
	Fine Sand, Streaks Shale	119	859
	Shale, Streaks of Sand	88	947
	Fine Sand	23	970
	Gummy Shale	28	998
	Shale	64	1062

Information upon completion of well:

- (1) Diameter 8" inches.
- (2) Total Depth 960 feet.
- (3) Water Level 133 feet below top of ground.
- (4) Cased to 914', Size 8"
- (5) Screen: Size 6", Length 41'
- (6) Were any formations sealed against pollution?  
X yes, \_\_\_\_\_ no.
- If YES depth of formation 914'
- Why required
- Drillers Remarks: \_\_\_\_\_



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: \_\_\_\_\_ FILE #: A070313C

HEALTH DEPT. #: 610009-01 ELEV. 310'

USGS #: P47 OLWR #: Gw02174

OWNER: Town of Florence QUAD: Florence

LOCATION: SE/SW S 30 T 4 N R 2 E COUNTY: Danklin

LOCATION DESCRIPTION: Behind City Hall at elevated tank

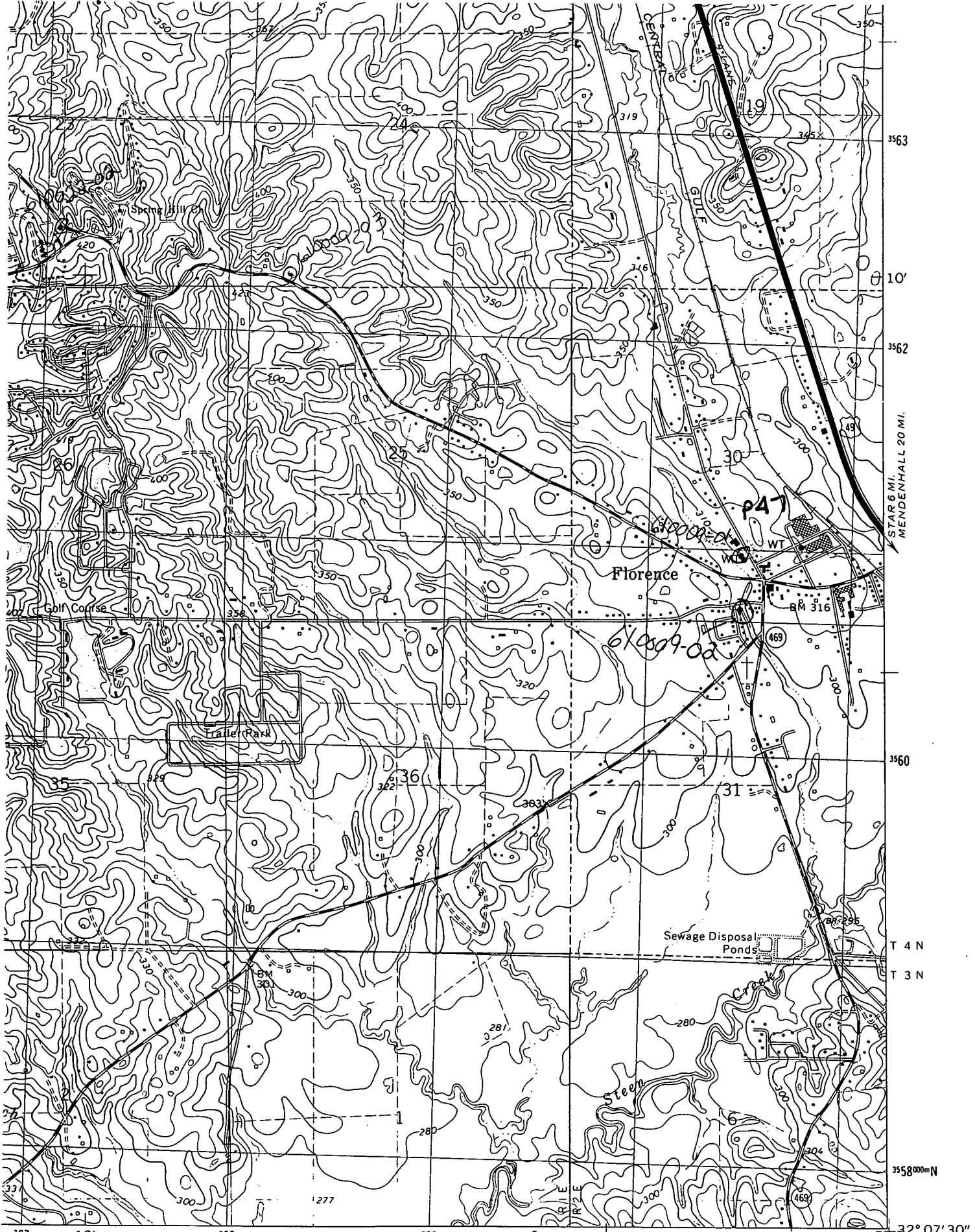
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine / 25 HP

GPS FIELD LOCATION: LAT. 32° 09.263' N LONG. 90° 07.938' W

GPS CORRECTED LOCATION: LAT. 32.15456340 LONG. 90.13259190

REMARKS: Measured 50' east of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**ROAD CLASSIFICATION**

- |                                    |  |
|------------------------------------|--|
| Primary highway,<br>hard surface   | Light-duty road, hard or<br>improved surface |
| Secondary highway,<br>hard surface | Unimproved road                              |

(STAR)  
2948 11 SE