

GW545 NW Pontotoc

FORM 9-1642 (1-68)

Well No. C 59

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD JAC

Record by J.M. Source of data ROWC Date 8-71 Map

State 28 County PONTOTOC 58

Latitude: 34 21 15 N Longitude: 08 90 11 S Sequential number: 1

Lat-long accuracy: 30 T 8 S R 30 W, Sec 30 NE SE, NW, SE

Local well number: C 059 B D 3008 S O 2 E Other number: B & M

Local use: 064 972 70 Owner or name: Town of Ecru

Owner or name: ECRU Address: Well #1

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instat, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (W) W

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

Eyd. lab. data:

Qual. water data; type: USGS 4/72

Freq. sampling:  Pumpage inventory: yes  no  period:

Aperture cards:  yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1172 ft Meas. 3

Depth cased; first perf.: 1096 ft Casing type: 10 in Diam. 10 in

Finish: porous gravel w. concrete, (perf.), (screen), gallery, end, (G) G

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd. jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other, (K) H

Date Drilled: 966 Pump intake setting: 400 ft

Driller: LAYNE - CENTRAL address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) noise, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other, (M) Deep 7 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 40 Trans. or meter no.

Descrip. MP 410 400 ft above LSD, Alt. MP

Alt. LSD: 400 Accuracy: (source) Topo 20' contour 5

Water level: 1178 ft above MP; Ft below LSD Accuracy: 1

Date neas: 972 Yield: 180 gpm Method determined 1

Drawdown: 1 ft Accuracy: 1 hrs

QUALITY OF WATER DATA: Iron 3 ppm Sulfate 3 ppm Chloride 220 ppm Hard. 472 ppm

Sp. Conduct 450 K x 10 3 Temp. 220 °F Date sampled 472

Taste, color, etc. PH=8.0

PUNCHED

Well No.

C 59

WL Data 11/16/82 WL=210.90

1987

WL=236.2

1992

250

12.49

237.51

2.20

235.31

1947 WL=196.6

400' OK

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD  
Physiographic Province: 03 Section: \_\_\_\_\_  
Drainage Basin: D Subbasin: 15F

Topo of well site: (D) depression, (C) stream channel, (B) dunes, (F) flat, (R) hilltop, (K) sink, (L) swamp, (V) valley flat, (U) undulating, (T) terrace, (S) pediment, (P) offshore, (Q) pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group EZ

Lithology: US Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 65 ft Depth to top of: 60 ft

MINOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 6" 1096-1136, 1152-1172 (-696 to -736) & (-752 to -772)

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

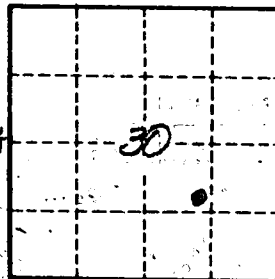
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: 16,000 gpd/ft 163 Coefficient Storage: \_\_\_\_\_

Coefficient Perm: 250 gpd/ft<sup>2</sup>; Spec cap: 7.0 gpm/ft; Number of geologic cards: \_\_\_\_\_

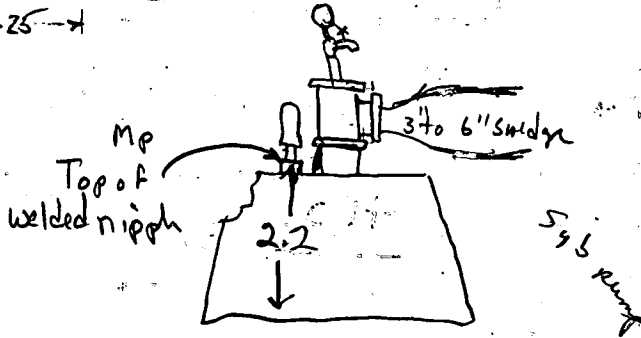
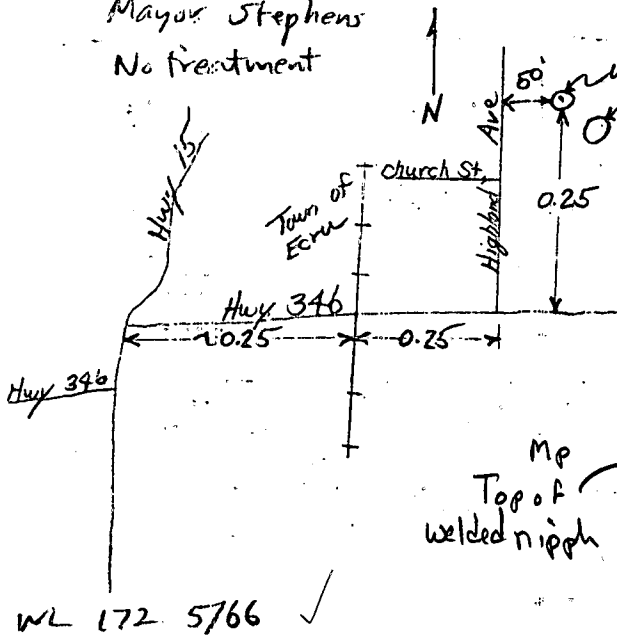
Pumps sand at 250 gpm  
E.E. Bray, Water Supt.  
Mayor Stephens  
No treatment

6" disch. Tee



Elev. Storage Tank  
75,000 gal.

9-21-72, pumping test



WL 172 5766 ✓

Well No.

C59

RANGE 2 EAST.

RANGE 3 EAST

UNION COUNTY  
PONTOTOC COUNTY

24 19

19 20

20 21

CORPORATION LINE

24 19

19 20

20 21

25 30

30 29

29 28

NORTH  
PONTOTOC  
SCHOOL

ECRU POPULATION 580

→ 1975 COUNT

Well

25 30

30 29

29 28

36 31

34 32

32 33

HIGHWAY 345

HIGHWAY 346

36 31

31 32

32 33

1 6

6 5

5 4

PL  
LI  
AI

DR.

Pontotoc  
C-59  
5-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

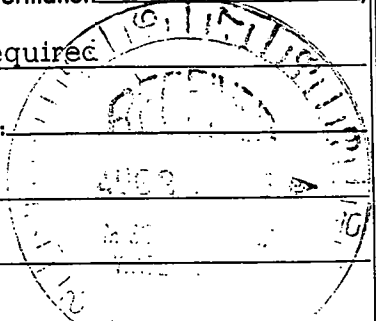
**CODED**

Date: 5-6-1966, Driller: Layne-Central Co. County: Pontotoc  
(Name)

**CODED**

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: Town of Ecpu (Name)		clay	30	30
Ecpu, Mississippi 32 (Address) 31		shale-hd. sts.	56	86
34		rock	3	89
(2) Location: 1/4, 1/4, Sec. 30 T8S R2E IN TOWN OF ECRU		sand-shells	43	132
miles (distance) of (Nearest Town)		hd. sand-hd. sts.	47	179
(3) Topography: (Hilly) (Flat) (Level)		shale-rocks	18	197
(4) Purpose of Well: Municipal (Domestic Irrigation Municipal, Industrial, Other)		shale	135	332
Information upon completion of well:		soapstone	308	640
(1) Diameter 10 inches.		sand	18	658
(2) Total Depth 1171 feet. 1172		sandy shale	70	728
(3) Water Level 172 feet below top of ground.		sand	12	740
(4) Cased to 1086', Size 10"		sandy shale	24	764
(5) Screen: Size 6", Length 60'		rock	1	765
(6) Were any formations sealed against pollution? X yes, no.		sandy shale	26	791
If YES depth of formation 1086'		rock	1	792
Why requirec		sandy shale	58	850
Drillers Remarks:		clay-sand sts.	61	911
		clay-rock lens	19	930
		clay	6	936
		rock	1	937
		clay	5	942
		hard shale	12	954
		sandy shale-shells	61	1015
		fine sand-shale sts.	28	1043
		shale	14	1057
		fine sand-shale sts.	30	1087
		sand	30	1117
		sand	14	1131
		shale-gravel sts.	16	1147
		sand-gravel	21	1168
		hard shale	5	1173

**CODED**



(Use Back Side)

Well No.

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

⊗ TD 1171

BS. 1167

1011

80

5

1096 Top screen

40'

16 blank

20 screen

Gravel coll.

40 hp Tur.

172 SWL 5/6/66

10 X 6

250 gpm @ 50'

Central - 12/31/66

1171  
70  
1096  
1167

N.W. PONTOTOC

3805

1 710 000  
FEET

3804

3803

3802

T 8 S

T 9 S

20'

3800

3799

VTOTOC

