

5/30/91 - checked for HD# - 0070004-01 NEED TO CALL

DoH # 0070004-01  
WRD Exp. (GW)  
April 1966

GW00684  
Well No. K101

WELL SCHEDULE

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

GPSd 12/4/96 PP/DH

MASTER CARD

Record by E. H. Boswell Source of data J.M. Robertson Date 6/25/54 Map Calhoun City 112 D

State MISSISSIPPI 28 County (or town) Calhoun 27 07

Latitude: 33 51 48 N Longitude: 08 9 17 59 W Sequential number: 1

Lat-long accuracy: 3 T. 23 S. R. 9 W. Sec. 13 SE SE NE SW

Local well number: K101AC1323N09E Other number: B & M

Local use: 064 N71 69 Owner or name: Calhou. City

Owner or name: CALHOUN CITY Address: Calhoun

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

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

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

DATA AVAILABLE: Well data 3 Freq. W/L meas.: A Field aquifer char. Z

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: MSBOW Part 9/67 U. - 1 8 5

Freq. sampling: 0 Pumpage inventory: no. period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: Drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1897 ft Meas. accuracy 2

Depth cased: (first perf.) 1837 ft Casing type: Steel; Diam. in 12

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

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

Date Drilled: 9.5.4 Pump intake setting: \_\_\_\_\_ ft

Driller: Wayne Central Co, Memphis Tenn

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other T Deep 0 Shallow 0

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

Descrip. MP Top 12" casing 275 1.3 ft above LSD, Alt. MP 271

Alt. LSD: 270 Accuracy: (source) Topo Map

Water Level 100.55 ft above MP; Ft below LSD 59 Accuracy: \_\_\_\_\_

Date meas: 11-12-1971 Yield: N71 gpm 240 Method determined 2

Drawdown: \_\_\_\_\_ ft 32 Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs 2

QUALITY OF WATER DATA: Iron 0.49 Sulfate .4 Chloride 280 Hard. 41

Sp. Conduct 1134 K x 10<sup>6</sup> 5 Temp. 92 F 33 Date sampled 11-12-1971

Taste, color, etc. PH: 6.8 11-12-1971

1987  
WL = 100  
94.6

Elev. corrected 1987

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH  
KANSAS CITY, MO 64108

WELL NO.

Well No. K101

Latitude-longitude 33 51 19 N 089 18 28 W

HYDROGEOLOGIC CARD

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 15G

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (U) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: Cretaceous system, Upe series, K3 aquifer, Gardo formation, group

Lithology: 3S Origin: 2 Length of well open to: 56 ft, Depth to top of: 1837 ft, A84

MINOR AQUIFER: \_\_\_\_\_ Origin: \_\_\_\_\_ Length of well open to: \_\_\_\_\_ ft, Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 60' of 6" 1837-1897

Depth to consolidated rock: 2600 ft, Source of data: S

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

Surficial material: 2.5 Infiltration characteristics: 4

Coefficient Trans: 20,000 gpd/ft, 203 Coefficient Storage: \_\_\_\_\_

Coefficient Perm: 360 gpd/ft<sup>2</sup>; Spec cap: 6.9 gpm/ft; Number of geologic cards: \_\_\_\_\_

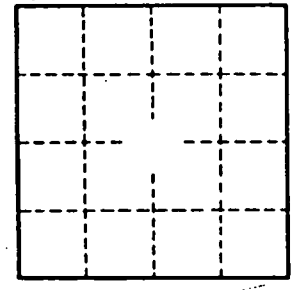
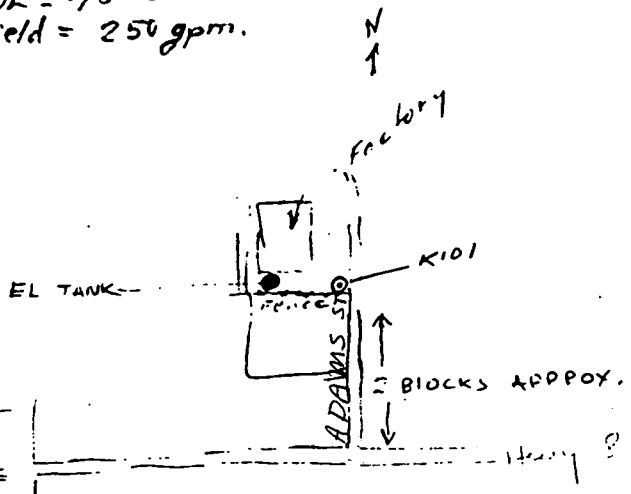
m.p. 1.4'

11/6/90  
DH/JE  
110.00  
9.6  
100.40  
1.4  
99.0'

1954  
Sp. Cond. = 1210  
Temp = 99.5

3-5b  
WL = 46' below 1sd

3-1750  
WL = 46' below 1sd  
Yield = 250 gpm.



Storage  
60,000 gal. storage tank  
250,000 gal. city elevating  
50,000 gal. storage tank

Usage  
380,000 gpd.

Observation Well

County Calhoun

Well No. R101

335 094175701

Owner's Name Calhoun City

Location Calhoun City  
(town)

.3 NE  
(miles and direction from center of town)

Other description See sketch NE SW Sec 13 T23 N R9E

Depth 1898 Diameter 12 Date drilled \_\_\_\_\_

Formation Tussock loess

Elev. of lsd 270 Recorder \_\_\_\_\_ Type \_\_\_\_\_ No. \_\_\_\_\_

M.P. Air vent in N side of pump at 1.30 ft <sup>above</sup> below lsd. Date 1960

M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

Special Throw master switch on well to shut off well -  
wait 10 minutes to measure. Master lock key

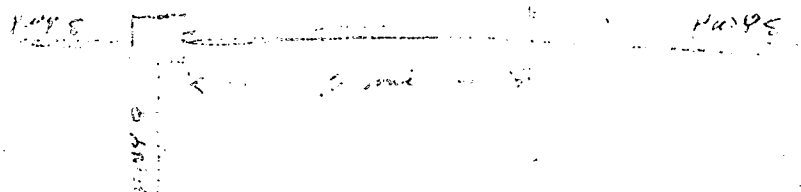
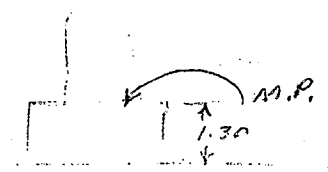
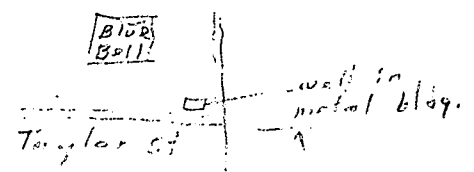
at 2000 approx building.

Water Level 63 (1974)

Sketch of location \_\_\_\_\_ Sketch of well head \_\_\_\_\_

↑ N

air vent on north side



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 12/4/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A120415C

HEALTH DEPT. #: 070004-01 ELEV. 277'

USGS #: K101 OLWR #: GW684

OWNER: Calhoun City QUAD: Calhoun City

LOCATION: NE/SW S 13 T 23N R 9E COUNTY: Calhoun

LOCATION DESCRIPTION: Behind garment factory at north  
end of Adams St

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/50 HP

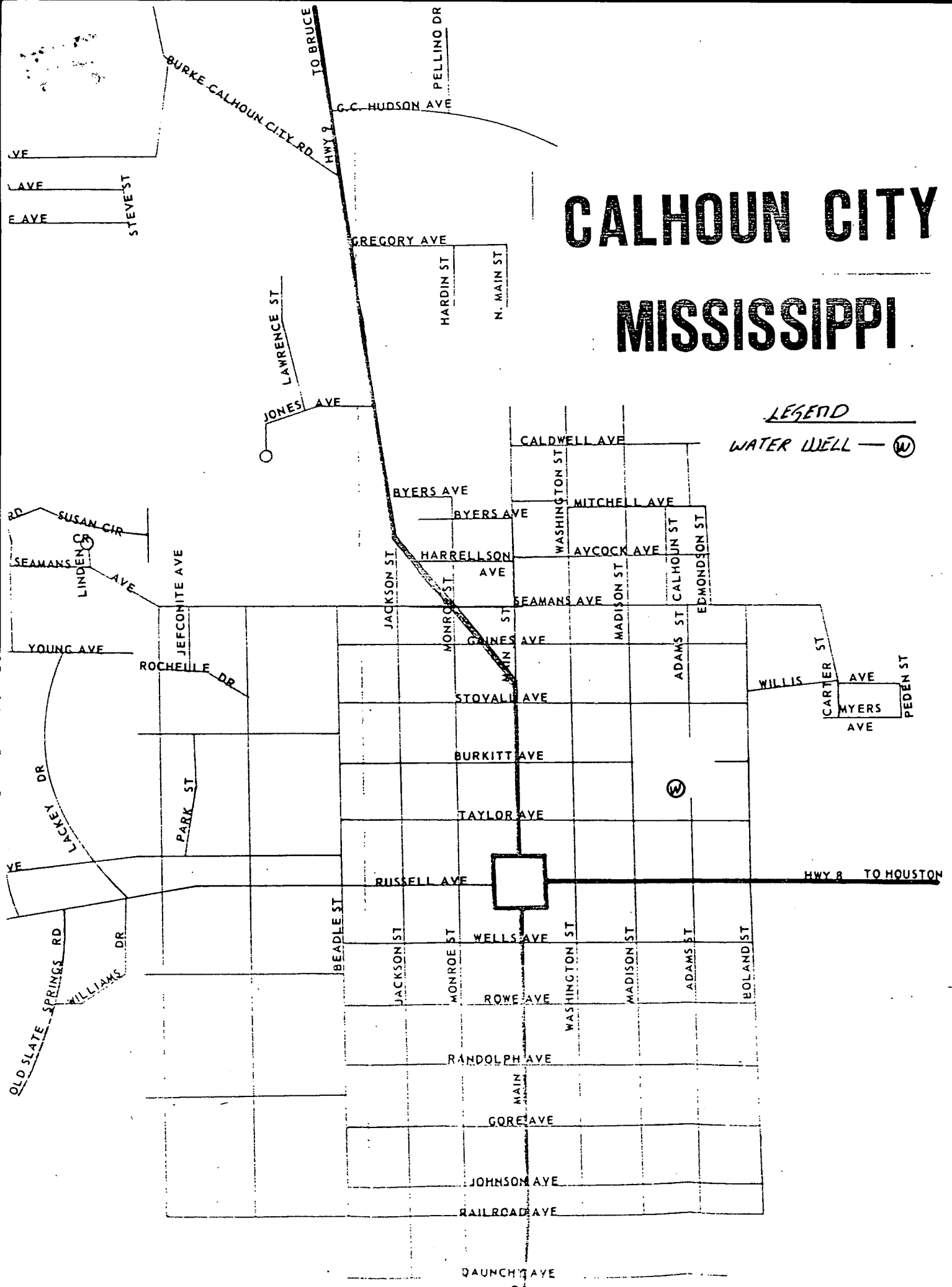
GPS FIELD LOCATION: LAT. 33° 51.448' LONG. 89° 18.489'

GPS CORRECTED LOCATION: LAT. 33.85684229 LONG. 89.30762666

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# CALHOUN CITY MISSISSIPPI

LEGEND  
WATER WELL — (W)



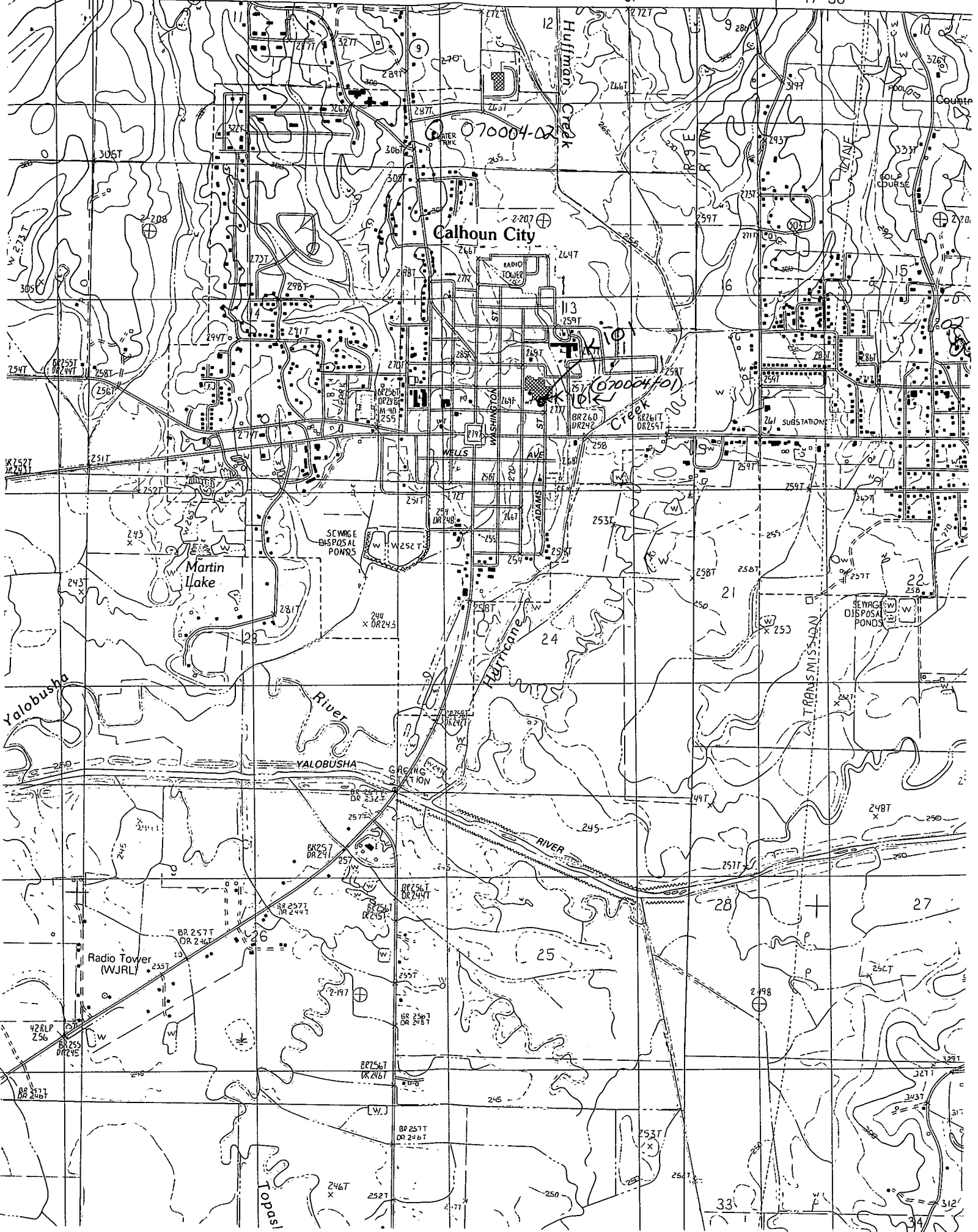
284 20'

285

286

287

17' 30"



Calhoun City

Martin Lake

Yalobusha River

YALOBUSHA RIVER

Huffman's Creek

TRANSMISSION

Radio Tower (WJRL)

GAS STATION

SEWAGE DISPOSAL PONDS

SCWAGE DISPOSAL PONDS

428LP 256

BR 257T DR 246T

BR 257T DR 244T

BR 256T DR 244T

BR 256T DR 245T

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