

CODED FORM 9-1642 (1-68)

Walnut

Well No.



WELL SCHEDULE
GEOLOGICAL SURVEY

Elog # 14

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

MASTER CARD

Record by WTR Source of data Bowc. Obs-driller Date 7/70 Map Walnut Quad
State 28 County TIPPAN 70

Latitude: 34^{deg} 57^{min} 24^{sec} N Longitude: 088^{deg} 54^{min} 00^{sec} W
Lat-long accuracy: 2³⁰ T 1³⁰ S 4³⁰ R 4³⁰ W Sec 32 NW SW NE

Local well number: B011DB3201S04E Other well number: #3 3rd well drilled.
Local use: 064014 W70 32 Owner or name: Town of Walnut

Owner or name: WALNUT Address: well #1

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: P

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

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

Hyd. lab. data:

Qual. water data: type: USGS 6/72 C

Freq. sampling: Pumpage inventory: period:

Aperture cards: yes

Log data: Elog D/E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 961 ft Meas. 3

Depth cased: 901 ft Casing type: steel Diam. 10,6 in

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other G

Method Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other H

Date Drilled: 7/70 970 Pump intake setting: 30 ft

Driller: Jayne Central Memphis

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep D Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. 50

Descrip. MP 530 ft above below LSD, Alt. MP topo BM 3

Alt. LSD: 530 Accuracy: topo BM 3

Water Level 185 ft above below MP; Ft below LSD 203 Accuracy: A

Date meas: 078 Yield: 300 gpm Method determined 4

Drawdown: 24 ft Accuracy: 24 hrs Pumping period 24

QUALITY OF WATER DATA: Iron 240 ppm Sulfate 2 ppm Chloride 220 ppm Hard. 672 ppm

Sp. Conduct 240 K x 10⁶ Temp. 220 °F Date sampled 672

Taste, color, etc. pH = 7.9

12/92
250
- 4.48
245.52
250.00
4.48
245.52
- 2.00
245.52 ??

1/28/93
232.00
2.35
229.65
- 2.00
227.65

Well No.

B11

Latitude-longitude _____

N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 16L Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group C5

Lithology: _____ Origin: 6 Aquifer Thickness: 70 ft

Length of well open to: 46 ft Depth to top of: 860 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" S. Shutter 901'-961'

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

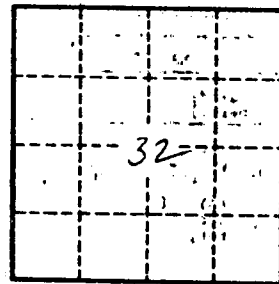
Coefficient Trans: 7000 gpd/ft Coefficient Storage: _____

Coefficient Perm: 150 gpd/ft²; Spec cap: 3.2 gpm/ft; Number of geologic cards: _____

894' of 10" casing

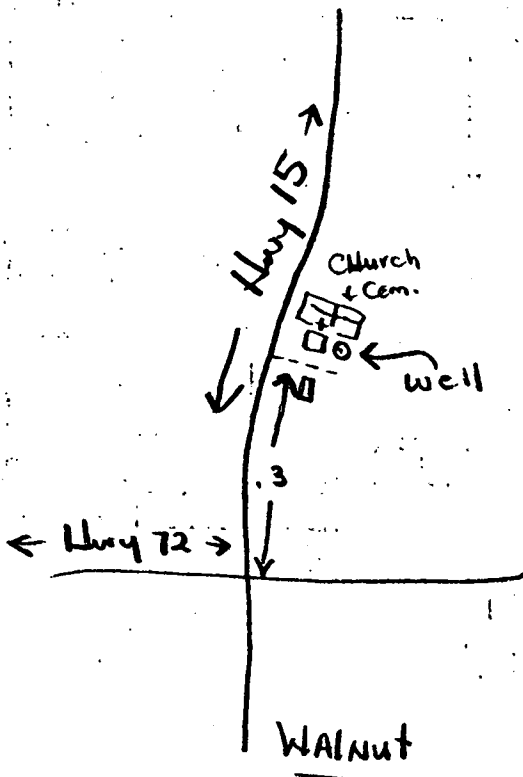


Well by tank
Mayor - Chas. Bell.

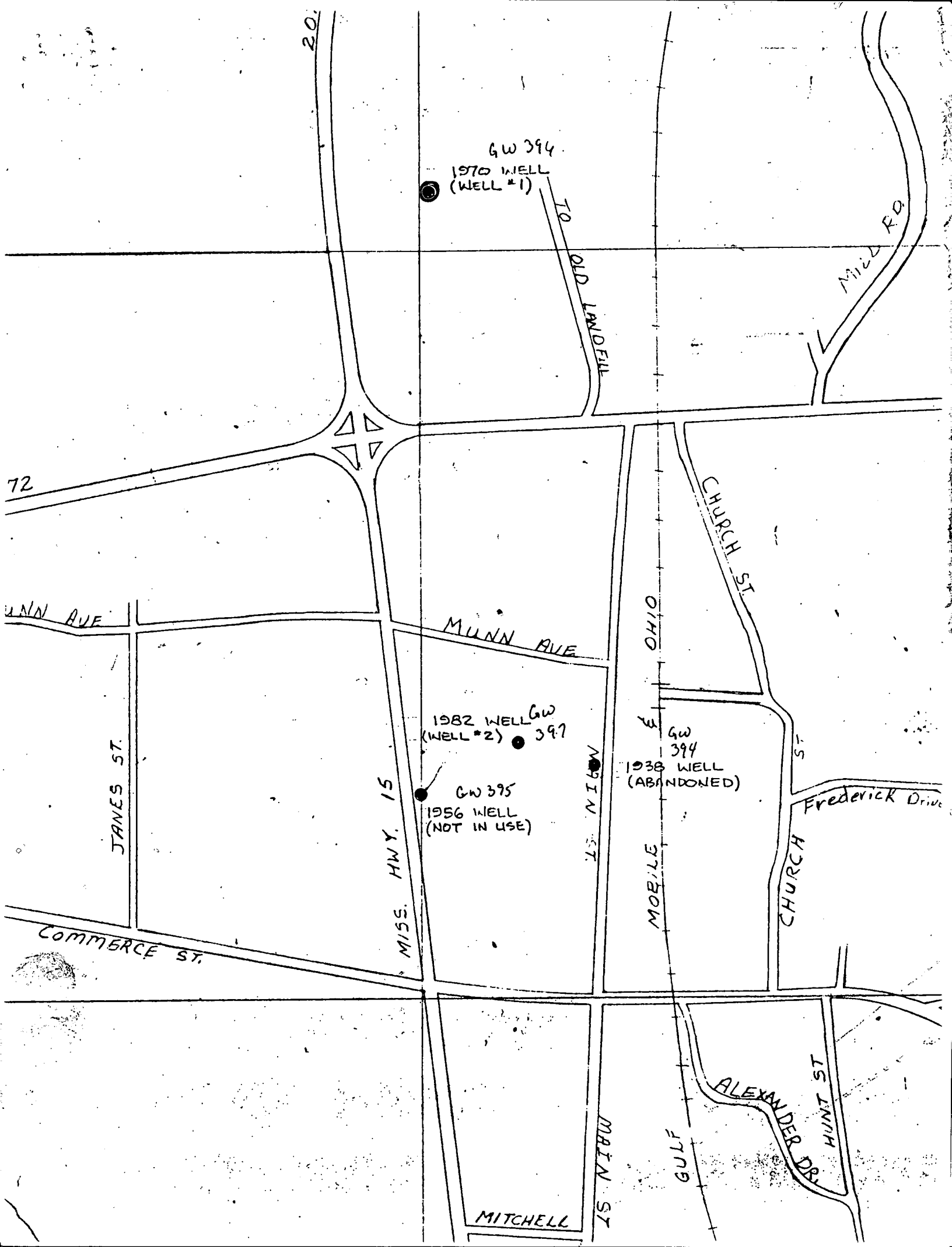


Well No. _____

B11



WL = 186. (6/70)
 WL = 203. (10/78)
 WL = 214.2 (1987)



GW 394
1970 WELL
(WELL #1)

GW 397
1982 WELL
(WELL #2)

GW 395
1956 WELL
(NOT IN USE)

GW 394
1938 WELL
(ABANDONED)

20.

72

MUNN AVE

JAMES ST.

COMMERCE ST.

MISS. HWY. 15

MUNN AVE

MAIN ST

OHIO

MOBILE

CHURCH ST.

CHURCH ST.

Frederick Drive

MITCHELL

MAIN ST

GULF

ALEXANDER DR.

HUNT ST

MILL RD.

TO
OLD LANDELL

TIPPAH
 B11
 6-15-70

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

INDEXED

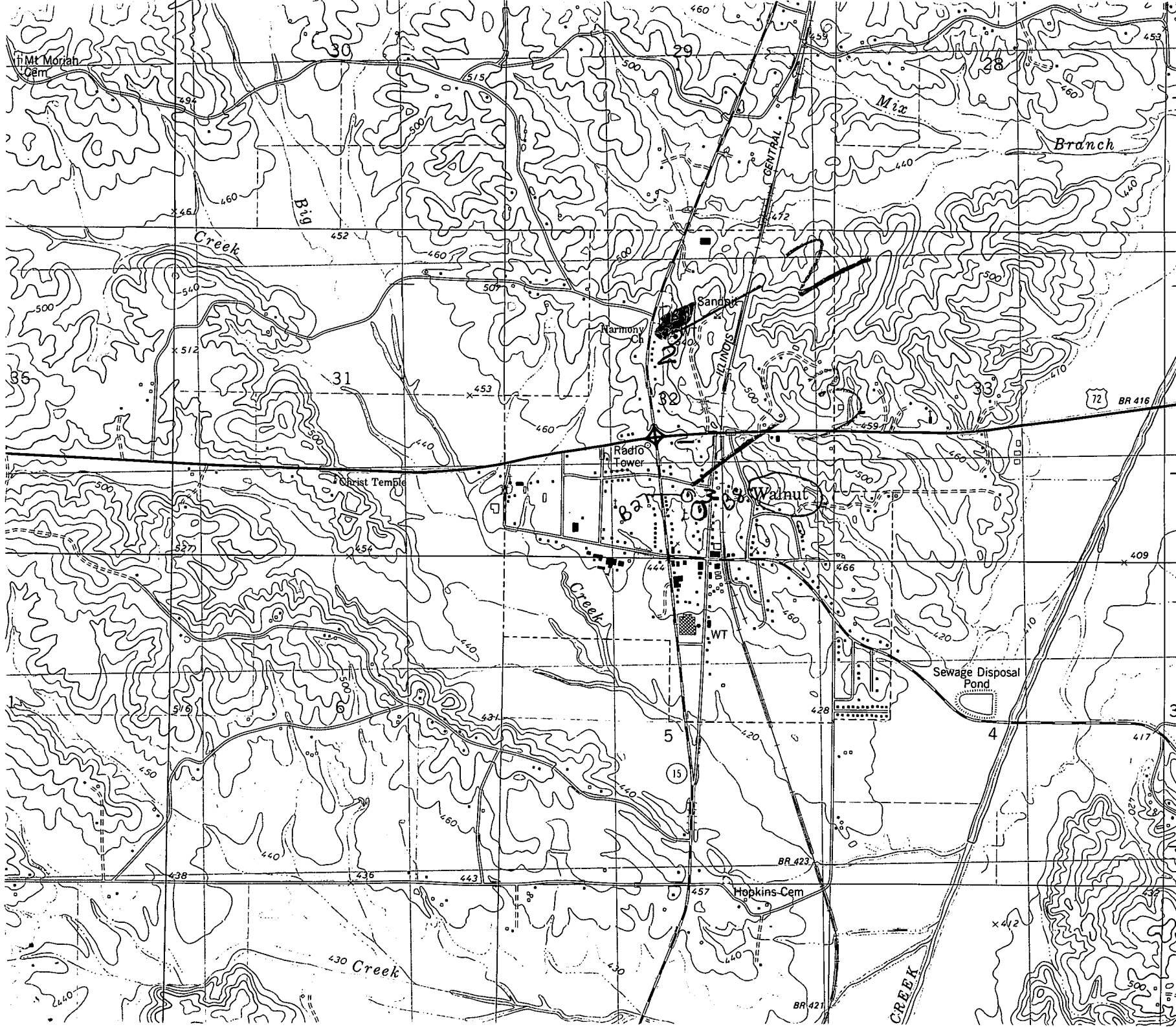
6-15-1970 Binger-Layne Central Div. Tippah
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
City of Walnut	Sandy clay	0	125
Walnut, Mississippi	Rocky clay	125	152
(mailing address)	Rock	152	164
WELL LOCATION:	Rock & sand st.	164	250
sec. <u>32</u> T. <u>1S</u> R. <u>4</u> E.	Rock & clay st.	250	300
S S XXX	Clay, sand & rock	300	350
miles _____ of _____	Sandy clay & rock	350	475
(distance) (direction) (nearest town)	Hard limestone & rock	475	865
WELL PURPOSE: <u>municipal</u>	Sand	865	877
(home, irrigation, municipal, industrial)	Rock	877	879
WELL COMPLETION DATA:	Sand & shale	879	957
(1) diameter (inches) <u>10"</u>	Clay	957	963
(2) total depth (feet) <u>967'</u>			
(3) static water level (feet) <u>186'</u> below above top of ground.			
(4) casing <u>steel</u> <u>894'</u> (material) (depth)			
<u>10"</u> (size) if telescope see back.			
(5) screen <u>60'</u> <u>901'</u> (length) (depth to top)			
<u>6"</u> <u>s. shutter</u> (size) (material)			
(6) pump <u>50</u> <u>300</u> (HP) (yield gpm)			
<u>electric</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>Schlumberger</u> (organization running log) <u>USGS #14</u>			
(8) how well bottom plugged _____			
DRILLERS REMARKS:			

INDEXED

AUG 14 1970

MISS. BD. OF WATER COMM.



3871
3870
57'30"
3869
T 1 S
T 2 S
3868
3
3867

THEO 9 MI.
CORINTH 19 MI.

(CHALYBEATE)
3283 IV NE

Road

Mt Moriah
Cem

Creek

Big

Mix

Branch

Sandy

Harmony Ch

Radio
Tower

Walnut

Christ Temple

WT

Sewage Disposal
Pond

Hopkins Cem

430 Creek

CREEK