

DOH# 3700.0-01
PERMIT # GW-01008
SUMRALL QUAD

WRD Exp. (GR)
April 1966

REPLACEMENT
192 CTHLV

Well No. B37

WELL SCHEDULE

E 109 58

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
ROLLA COMPUTATION BRANCH

TRANSMITTED FOR ADP

MASTER CARD

Record by RE. Taylor Source of data Driller Date 10-11-63 Map County

State Miss. 28 County (or town) Lamar 37

Latitude: 31 25 04 N Longitude: 08 93 22 1 Sequential number: 1

Lat-long accuracy: 2 5 N 15 E Sec 7 NE NE SW/SE/NW/NE

Local well number: B0376D0705N15W Other number:

Local use: 009 Owner or name: City of Sumrall

Owner or name: SUMRALL Address: Sumrall, Miss.

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

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

Stock, Inscit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

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.: Original Field aquifer char. T

Hyd. lab. data:

Qual. water data; type: 3-31-64 USGS

Freq. sampling: Original Pumpage inventory: no period:

Aperture cards:

Log data: E log drillers log ED

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 382 ft 382 Meas. rept accuracy reported 6

Depth cased; (first perf.): 304 ft 304 Casing type: ; Diam. 10x6 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: air bored, cable, dug, hyd rot., jettied, air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 10-9-63 963 Pump intake setting: ft

Driller: Carlass Well Supply, Memphis Tenn.

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 U Trans. or meter no.

Descrip. MP 290 above ft below LSD. Alt. MP

Alt. LSD: 270 Accuracy: (source)

Water Level 76 ft above below MP; Ft above below LSD 76 Accuracy: Meas. A

Date meas: 10-16-63 2763 Yield: 250 gpm 250 Method determined 4

Drawdown: 11 ft 11 Accuracy: Meas. 0 Pumping period 7 hrs 8

QUALITY OF WATER DATA: Iron 0.05 0 Sulfate 0.0 0 Chloride 3.2 0 Hard. 10 0

Sp. Conduct 47 K x 10⁶ 0 Temp. 68 °F 68 Date sampled 3-31-64 364

Taste, color, etc. clear

Well No. B37

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain Section: East Gulf

Coastal Plain d Drainage Basin: 113N Subbasin: 20

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, using MOCN CTHLU (Jim) 11/01 Flat F

MAJOR AQUIFER: Tertiary system, Miocene series TM Hattiesburg aquifer, formation, group HA

Lithology: Unconsolidated sd US Origin: Deltaic 3 Aquifer Thickness: 79 ft

7.9 Length of well open to: 60 ft 60 Depth to top of: 290 ft 290

MINOR AQUIFER: _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

7.9 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Intervals Screened: 308' - 368' 20" x 3"

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

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: Sandy Unconsolidated SU Infiltration characteristics: _____

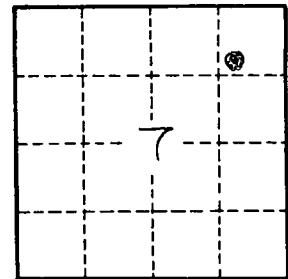
Coefficient Trans: 60,000 gpd/ft 303 Coefficient Storage: _____

Coefficient Perm: 860 gpd/ft²; Spec cap: 24 gpm/ft; Number of geologic cards: _____

(location on sched)
B1

This is best well #2
 made into city well.

- 0-21. hard chalk
- 21-144. sand w/shale strk
- 144-286. shale
- 286-294. sandy strk
- 294-373. sand good w/shale strk
- 373-382. soil sandy shale
- 382- hard shale



Well No.

B37

MISSISSIPPI BOARD OF WATER COMMISSIONERS

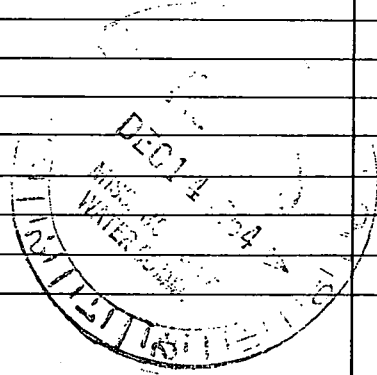
LAMAR
 (X) B37
 9-24-63

WATER WELL DRILLERS LOG

Carloss Well Supply Company

Date: 9-24-1963, Driller: ~~Carloss Well Supply Co.~~ County Lamar
 (Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Town of Sumrall</u> (Name) <u>Sumrall, Mississippi</u> (Address)	Red Clay	16'	16'
(2) Location: <u>NE 1/4, NE 1/4, Sec. 7 T5R15</u> _____ miles _____, <u>at Sumrall</u> (distance) (direction) (Nearest Town)	Fine Sand W/ Strks. Clay	51'	67'
(3) Topography: <u>Hilly</u> (Hilly) (Flat) (Level)	Med. to Coarse Sand	17'	84'
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	Soft White Shale or Chalk	80'	264'
Information upon completion of well:	Fine Sand	61'	325'
(1) Diameter <u>10</u> inches.	Medium Sand	11'	336'
(2) Total Depth <u>370</u> feet.	Rock	2"	336"-2"
(3) Water Level <u>74</u> feet below top of ground.	Blue Shale	57'-10"	394'
(4) Cased to <u>304'</u> , Size <u>10"</u>	Shale	23'	417'
(5) Screen: Size <u>6"</u> , Length <u>60'-1"</u>	Sand w/ Strks. Shale	8'	425'
(6) Were any formations sealed against pollution? <u>X</u> yes, _____ no.	Shale	15'	440'
If YES depth of formation <u>Casing Cement</u> ed.	Sandy Shale w/ Strks. Sand	43'	483'
Why _____	Sand	15'	498'
Drillers Remarks: _____	Shale	4'	502'
<u>Electric log #58</u>			



(Use Back Side)

Well No.

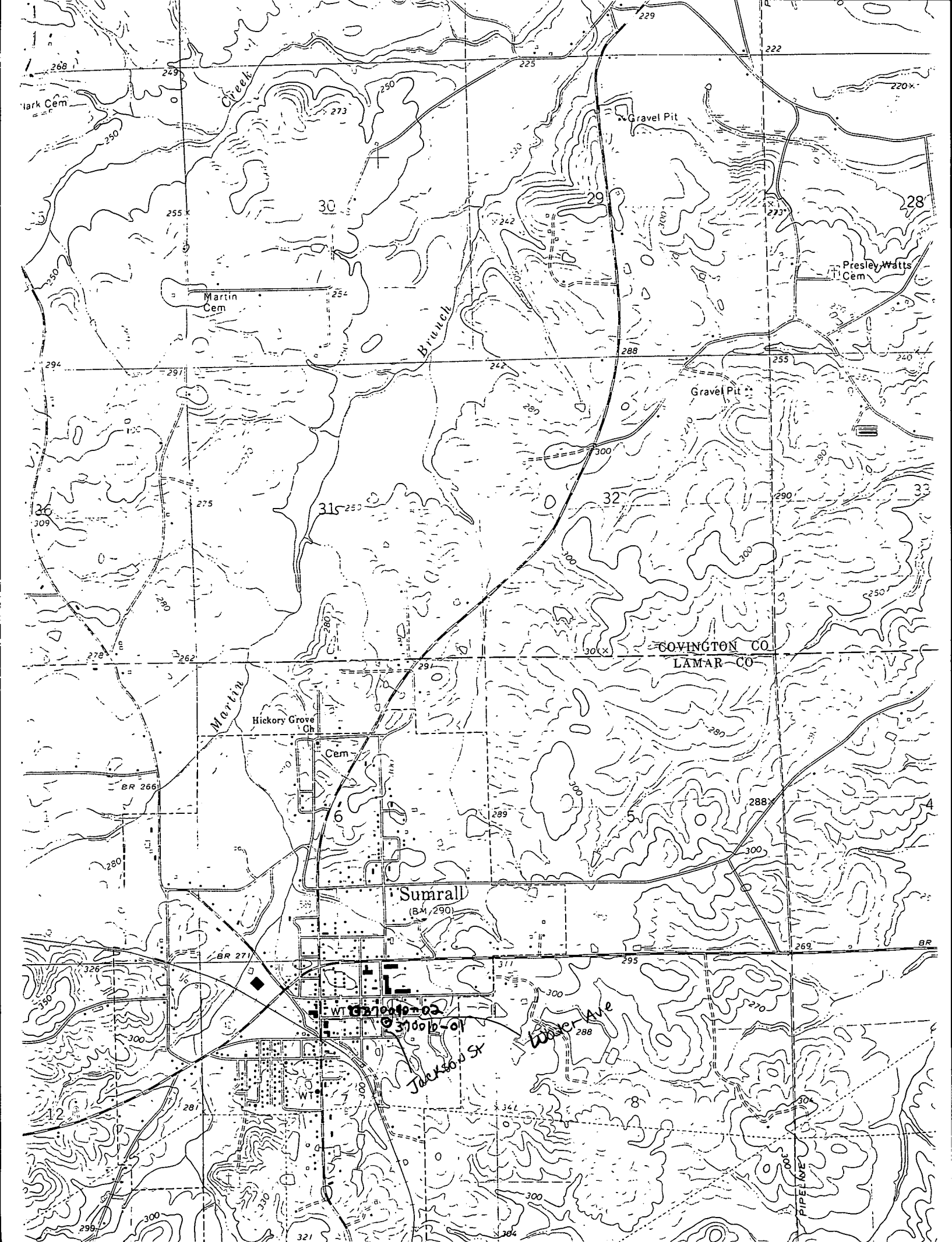
Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

Sumner Quad

USER NAME(S): Bishop + Hornbeak DATE: 7-15-94
UNIT DEQ #: 82555 FILE #: C0715188
HEALTH DEPT. #: 370010-01 ELEV. 290
USGS #: 253 1337 OLWR #: GW 1008
OWNER: Town of Sumner
LOCATION: NW NE S 7 T5N R15W COUNTY: Lamar
LOCATION DESCRIPTION: on Water Ave 3 bl. ^{East} of Hwy 589
at SE corner of Water + Jackson St.
CASING DIA: _____ PUMP TYPE & SIZE: Elec
GPS FIELD LOCATION: LAT. 31° 25.011 LONG. 89° 32.559
GPS CORRECTED LOCATION: LAT. 31.416493 LONG. 89.542220
REMARKS: Gps at well



ark Cem

Chick

Gravel Pit

Martin Cem

Presley Watts Cem

Brunch

Gravel Pit

Martin

Hickory Grove Ch

COVINGTON CO
LAMAR CO

Cem

Sumrall
(BM, 290)

WT 3021040-03

306010-01

Jackson St

Water Ave

PIPELINE