

WRD Exp. (GW)
April 1966

Well No. F2

WELL SCHEDULE

E-Log 36

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

mBOWC Driller 4-30-70

Record by P.E. Grantham Source of data mSGS Date 5-3-65 Map Holcomb

State Mississippi 28 County (or town) Grenada 22

Latitude: 33^{deg} 45^{min} 43^{sec} N Longitude: 089^{degrees} 58^{min} 31^{sec} W Sequential number: 1

Lat-long accuracy: 4 T. 22 S. R. 3 W. Sec 22, SW 1/4, NW 1/4, NW 1/4

Local well number: F002 B222 2NO3E Other number: TH #1 B & M

Local use: 002036 Owner or name: Holcomb Water Assoc. Inc.

Owner or name: HOLCOMB W. A. Address: Holcomb, Miss

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

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

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 9/70 74

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: E Log 1034' Dril log to 454' 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 440 ft 990 Meas. 24 3

Depth cased: (first perf.) 400 ft 400 Casing type: 28 Diam. 10 X 6 in 29 30

Finish: porous concrete, gravel w. concrete, gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other 31 S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) wash, other 32 H

Date Drilled: 9-6-5 Pump intake setting: 30 ft 50 36 38

Driller: 197 name (L) address (M) 10 NP

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other 39 Deep 40 T

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 U Trans. or meter no. 40

Descrip. MP 197 above ft below LSD, Alt. MP 47

Alt. LSD: 201 201 Accuracy: (source) 47 4

Water Level -15 ft above below MP; Ft below LSD 15 Accuracy: 52 D

Date meas: D. 6.5 Yield: 500 gpm 750 Method determined 61

Drawdown: ft 62 Accuracy: 63 Pumping period hrs 66 68

QUALITY OF WATER DATA: Iron .05 Sulfate 10 Chloride 10 Hard. 5 72

Sp. Conduct 387 K x 10 3 Temp. °F 210 Date sampled 970 77 79

Taste, color, etc. DS = 234

Bogue Basin Water + Sewer on Permit

Grenada Operates System

390' x 8" SS
40' x 6" SS

Sample from lower well at 1,000 feet rejected by MSBH. This well is common in the 1000 ft zone and requires treatment.

MSBH and in 10'

PUNCHED and VERIFIED
ROLLA COMMUNICATIONS DIVISION

Well No.

F2

Well No. F2

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD.

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: _____

D Drainage Basin: 156 Subbasin: _____

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

MAJOR AQUIFER: system _____ series T.E aquifer, formation, group M.W.X

Lithology: _____ Origin: 12 Thickness: _____ ft

Length of well open to: 87 ft Depth to top of: 373 ft

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

Lithology: _____ Origin: _____ Thickness: _____ ft

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

Intervals Screened: 400-440 ft 40' x 6" ss

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: _____

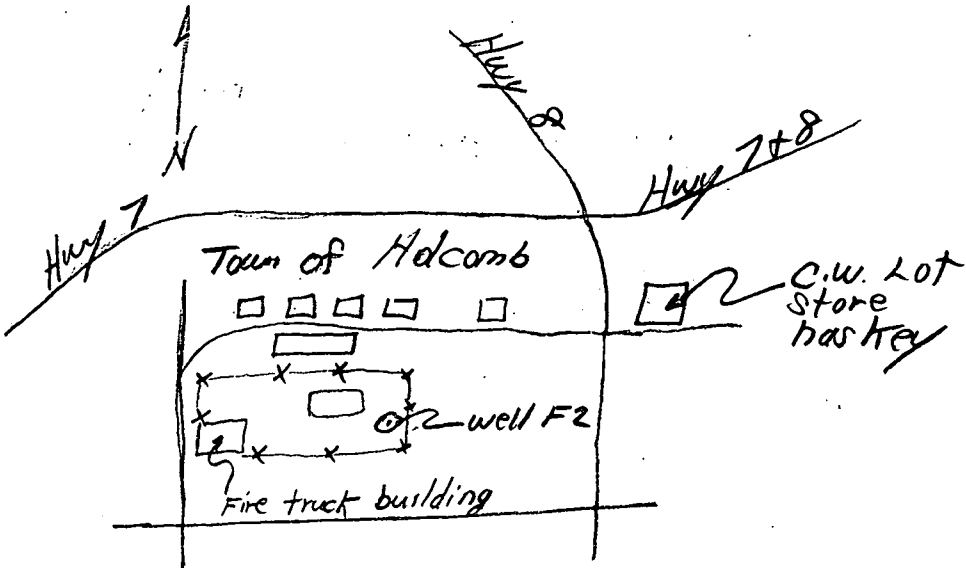
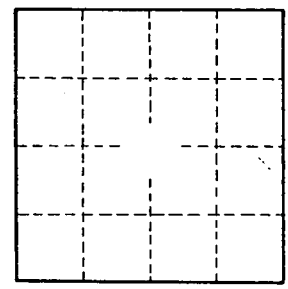
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

C.W. Lot, maintenance man

*3-8-1972
No WL, No Pumping test*

*Lower wilcox
9940-996 ft.*

*500 gpm open P in test
WL -15*



Well No.

F2

Grenada

MISSISSIPPI BOARD OF WATER COMMISSIONERS

F2

E Log #36

12-65

WATER WELL DRILLERS LOG

Date: Dec 1, 1965, Driller: Robert C. Rattiff County: Grenada

(1) Owner of Land	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet.	Depth Feet
Halcumb water user (Name)	Top Soil	22	22
Halcumb, Miss. (Address)	Yellow Sand	20	42
(2) Location: 1/4, 1/4, Sec. 23, T22R3	Blue clay with Hard Rocks	45	90
3/4 miles, direction, of Halcumb. (distance) (direction) (Nearest Town)	Fine Green Sand	16	106
(3) Topography: Flat (Hilly) (Flat) (Level)	Hard Black Shale with Sage Brown Strucks	94	200
(4) Purpose of Well: Municipal (Domestic Irrigation, Municipal, Industrial, Other)	Green Shale with Sand Strucks	180	380
	White Sand	74	454

Information upon completion of well:

- (1) Diameter 10 inches.
- (2) Total Depth 440 feet.
- (3) Water Level 15 feet below top of ground.
- (4) Cased to 390, Size 10
- (5) Screen: Size 6, Length 40
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 390

Why Cemented

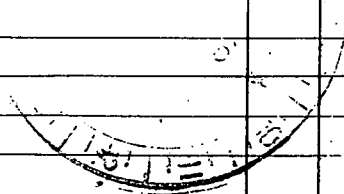
Drillers Remarks: Well Pumped 500

6 P.M. open Discharge

40' 6" Howard Smith Co

Stainless Steel Screen #20

Electrical Log was
Run on total depth
1034' By Miss.
Geological Survey
April 12, 1965
By Mr. William Baughman



(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): Hardin/Phillips DATE: 10/21/97

UNIT DEQ #: _____ FILE #: B102117A

HEALTH DEPT. #: 220004-01 ELEV. 197

USGS #: E2 OLWR #: GW14408

OWNER: Grenada Co Water/Sewer ^{Holcomb} QUAD: Holcomb

LOCATION: NW/NW S 22 T 22 N R 3 E COUNTY: Grenada

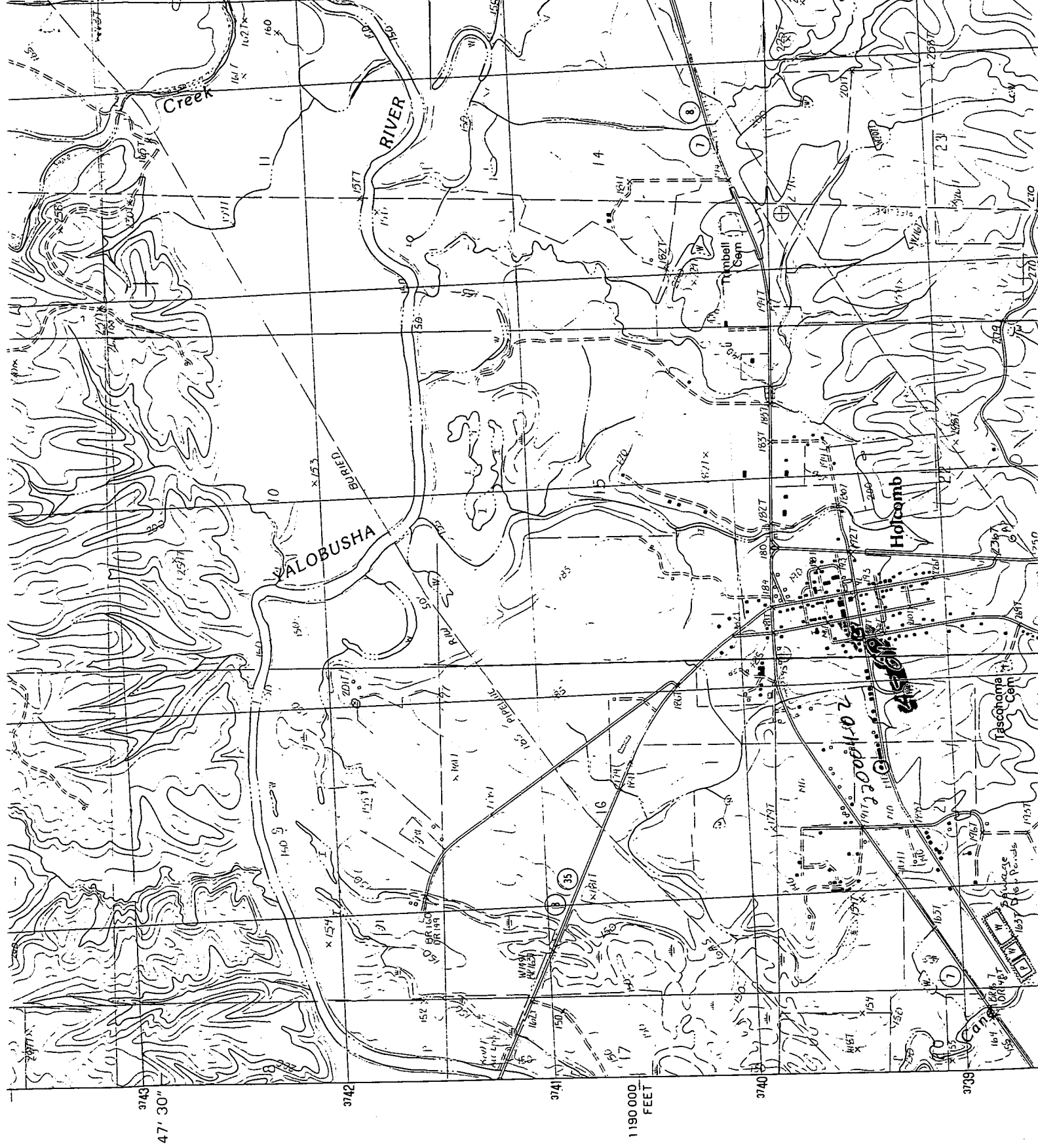
LOCATION DESCRIPTION: At corner of Sparta Rd and
S. Main St in Holcomb

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 33° 45' 37.8" N LONG. 89° 58' 38.5" W

GPS CORRECTED LOCATION: LAT. 33.760824 LONG. 89.977343

REMARKS: Measured 40' sw of well



47' 30"

1190 000
FEET

3743

3742

3741

3740

3739

1530

1525

1520

1515

1510