

DATE COMPLETED
TIME TO

FT. GAINES #4

GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
WATER SUPPLY SECTION
270 WASHINGTON STREET, S.W.
ATLANTA, GEORGIA 30334

52007

Level
Altitude 235'

WELL DATA SHEET FOR PUBLIC WATER SYSTEM (TO BE COMPLETED BY WATER WELL CONTRACTOR)

NAME OF WATER SYSTEM: CITY OF FT. GAINS, GA - WELL #3 COUNTY: Clay
 LOCATED AT: In town by the tennis courts TYPE WATER SYSTEM: COMMUNITY X NON-COMMUNITY
 OWNER: City of Ft. Gains DRILLER: Rowe Drilling Company, Inc.
 ADDRESS: City Hall, Ft. Gains, Ga 31751 ADDRESS: P.O. Box 1363, Tallahassee, Fl 32302
 PHONE: (912) 768-2443 PHONE: (904) 576-1271 LIC. NO.:

WELL DESCRIPTION

DATE DRILLED: 2/79
 TOTAL DEPTH: 456 FT.
 TYPE DRILLING (INDICATE):
 ROTARY X PERCUSSION _____ OTHER _____
 PIPE DIAMETER
 SIZE: 30 IN., FROM 0 FT. TO 255 FT.
 SIZE: 24 IN., FROM 255 FT. TO 456 FT.
 SIZE: _____ IN., FROM _____ FT. TO _____ FT.
 (USE ADDITIONAL SHEETS IF NECESSARY)

STATIC WATER LEVEL: 70 FT.
 PUMPING WATER LEVEL: 180 FT. AT 500 GPM

TEST PUMP DATA

DATE TESTED: 2/79
 PUMPED X BAILED _____ ESTIMATED _____
 PUMP RATED: 600 GPM _____ HP
 TOTAL CONTINUOUS HRS. TESTED: 9 1/2
 DID WATER LEVEL STABILIZE: YES X NO _____
 HRS. RUN BEFORE STABILIZATION 4
 YIELD 500 GPM AFTER 8 HRS. OF CONTINUOUS PUMPING

LOG RECORD

PIPE MATERIAL: Steel
 WALL THICKNESS: .375
 WEIGHT/FOOT: _____
 SIZE: 24 IN., FROM 0 FT. TO 255 FT.
 SIZE: 8 IN., FROM _____ FT. TO _____ FT.
 SIZE: _____ IN., FROM _____ FT. TO _____ FT.
 (USE ADDITIONAL SHEETS IF NECESSARY)

DISCHARGE PRESSURE: _____ PSI
 WATER LEVEL BEFORE TEST: 70 FT.
 TOTAL DRAWDOWN: 110 FT.
 (ATTACH COPY OF DRAWDOWN MEASUREMENTS)
 SPECIFIC CAPACITY: 4 1/2 GPM/FT.

WELL SCREEN

PIPE MATERIAL: Stainless Steel
 SIZE: 8 IN., FROM 330 FT. TO 340 FT.
 SIZE: 8 IN., FROM 355 FT. TO 365 FT.
 SIZE: 8 IN., FROM 370 FT. TO 385 FT.
 SIZE: 8 IN., FROM 425 FT. TO 445 FT.
 SIZE: _____ IN., FROM _____ FT. TO _____ FT.
 WAS SLOT SIZE DETERMINED BY SIEVE ANALYSIS:
 YES X NO _____

NO. MINUTES FOR WELL TO RECOVER: _____
 WAS WELL DEVELOPED AND DISINFECTED: YES X NO _____
 WERE UNTREATED WATER SAMPLES COLLECTED
 FOR BACTI: YES X NO _____
 FOR CHEMICAL: YES X NO _____

PERMANENT PUMP DATA (BY CONTRACTOR OR OWNER)

GROUTING
 PIPE GROUT: Portland
 APPLIED BY PRESSURE: YES X NO _____
 FROM 255 FT. TO 0 FT.
 FROM _____ FT. TO _____ FT.

Peerless
 PUMP TYPE: Turbine OUTLET SIZE 8 IN.
 POWERED BY: 50 HP
 RATE: 300 GPM
 TOTAL DYNAMIC HEAD: 424 FT.
 PUMP SET AT: 180 FT.
 PUMP DISINFECTED: YES X NO _____
 DEEP WELL AIR LINE, TYPE MATERIAL: Galy.
 LENGTH: 180 FT.
 ACCESS PORT, DIA.: _____ IN.

COMPLETE WELL LOG ON REVERSE SIDE

WELL LOG

FROM FEET	TO FEET	TYPE MATERIAL ENCOUNTERED	REMARKS	INDICATE WATER BEARING ZONES
0	15	red clay		
15	28	gravel & coarse sand		
28	30	yellow clay		
30	44	marl		
44	118	green & gray clay		
118	190	white limerock & chalk		
190	195	gray lime (hard, white lime		
195	270	white hard lime, gray chalk, gray lime		
270	283	black muck		
283	286	gray lime & shell, coarse sand		
286	314	black sandy muck		
314	316	white & gray limerock		
316	335	sand, clay, black muck		
335	390	sand, gray & white lime	----- Providence Sd ----- ↓	
390	430	sand		
430	440	blue clay		
440	480	sand		
480	514	blue clay & fine sand		
514	550	blue marl		

(If More Space is Required, Use Additional Sheet)

THIS WELL WAS DRILLED ACCORDING TO THE RULES FOR SAFE DRINKING WATER
(CHAPTER 391-3-5) OF THE GEORGIA DEPARTMENT OF NATURAL RESOURCES AND
THE INFORMATION ON THIS FORM IS TRUE AND CORRECT TO THE BEST OF MY
KNOWLEDGE.

SIGNED: *R. J. U. [Signature]*
WATER WELL CONTRACTOR'S SIGNATURE

LIC. NO.: 72

DATE: _____

283 - 286-----gray lime & shell, coarse sand
286 - 311-----black sandy muck
311 - 314-----black sandy muck
314 - 316-----white & gray limerock
316 - 335-----sand, clay, black muck
335 - 345-----sandy white lime
345 - 360-----sand, white lime
360 - 370-----sand, gray lime
370 - 390-----sand, gray lime
390 - 410-----sand
410 - 420-----sand
420 - 430-----sand
430 - 440-----blue clay
440 - 480-----sand (screen at 470 - 480)
480 - 514-----blue clay & fine sand
514 - 530-----blue marl
530 - 550-----blue marl