

Hold Dept. # 070003-02

GW3829 / go
D4

WRD Ex. (GW)
April 1966

Well No. 6 Log # 28

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Lee BRAY

BRUCE

MASTER CARD

Record by P.E. Grantham Source of data E Log + Driv. Date 3-12-68 Map Pittsburg 112-B

State Mississippi 53 County Calhoun 8 (or town) 07

Latitude: 33 59 48 N Longitude: 089 20 35 W Sequential number: 07

Lat-long accuracy: 2 T. 12 N R. 1 E Sec. 31 SW. SENE NW. W

Local well number: D004DB3112501W Other number: B & H

Local use: 064038 Owner or name: City of Bruce

Owner or name: BRUCE Address: Bruce Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: Pumpage inventory: yes no: period:

Aperture cards: yes

Log data: E Log 10-1880

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD=1854' ft 1850 Meas. accuracy 3

Depth cased; (first perf.): 1790 ft Casing type: Steel; Diam. 12 in

Finish: porous concrete, gravel w. concrete, (perf.), (F) gravel w. (screen), gallery, end, (G) horiz. open perf., (H) screen, sd. pt., (I) shored, (J) open hole, (K) other G

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

Date Drilled: 3-68 968 Pump intake setting: 30 ft 30

Driller: Loyce Central Co. Memphis Tenn

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no. 348

Descrip. MP Air vent 348 335 (10/89) 2.0 ft above below LSD. Alt. MP 330

Alt. LSD: 330 330 Accuracy: T

Water Level 131.2 ft above below MP; Ft below LSD 129 Accuracy: 2

Date meas: 5/4/71 871 Yield: 350 gpm Method determined 41

Drawdown: 330 ft Accuracy: 30 Pumping period: 48 hr

QUALITY OF WATER DATA: Iron 875 ppm Sulfate 91 ppm Chloride 325 ppm Hard. 72

Sp. Conduct 875 K x 10⁶ Temp. 91 °F Date sampled 325

Taste, color, etc. 77 79

Contracted
11/29/76
JAC

Water Level
11/19/82
WL = 154.5

1987

WL = 159

6-18-91
185.00 held
- 7.73 lost
177.27
- 2.0 MP
175.27
DH/JE

10/25/78
WL = 145.00
11/19/82
WL = 154.5

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. 112-B

Well No. D4

Latitude-longitude _____
 _____ d m s _____ N
 _____ d m s _____ S

HYDROGEOLOGIC CARD

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

D Drainage Basin: A156 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (K) (L) (P) (T) (U) (V) 27

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

Lithology: _____ Origin: 2 Thickness: _____ ft

46 Length of well open to: _____ ft 60 Depth to top of: 1800 ft A80

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

Lithology: _____ Origin: _____ Thickness: _____ ft

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

Intervals Screened: 1790 - 1850 ft 60" x 6" ss screen

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

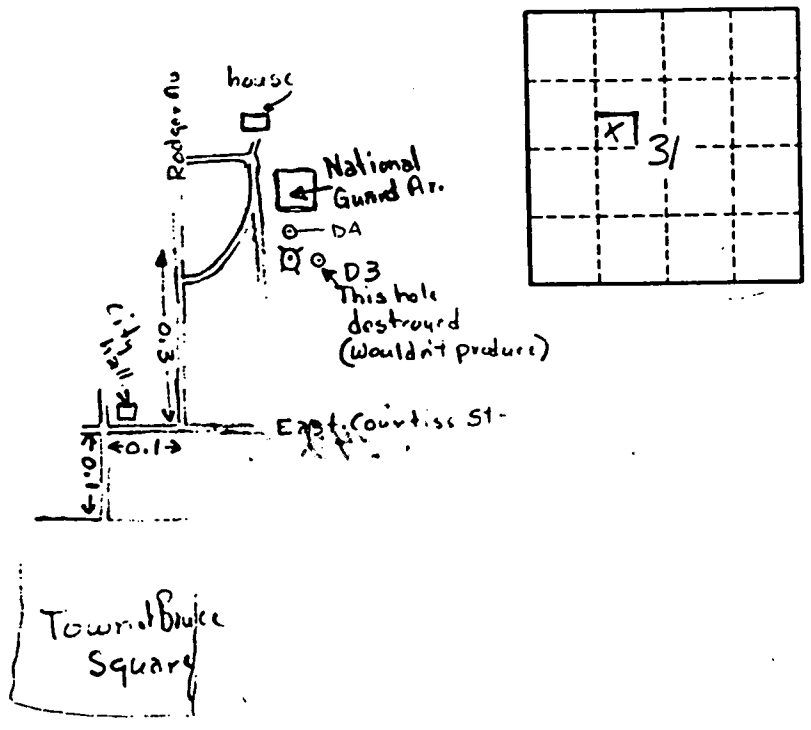
Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

- K3 680'
- K3AP 1375'
- K3FU 1482'
- K3MS 1715' ?
- K3GO 1784'

WL 128 5/08

MP = air vent @ 2'



Well No.

D4

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: _____ FILE #: A120416D

HEALTH DEPT. #: 070003-02 ELEV. 340'

USGS #: D4 OLWR #: GW3829

OWNER: Bruce QUAD: Bruce

LOCATION: NE/NW S 31 T 12S R 1W COUNTY: Calhoun

LOCATION DESCRIPTION: At new elevated tank next to Street
@ Water Dept off of Rodgers St.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/40HP

GPS FIELD LOCATION: LAT. 33° 59.920' N LONG. 89° 20.681' W

GPS CORRECTED LOCATION: LAT. 33.99807663 LONG. 89.34402175

REMARKS: Measured 15' east of well

282

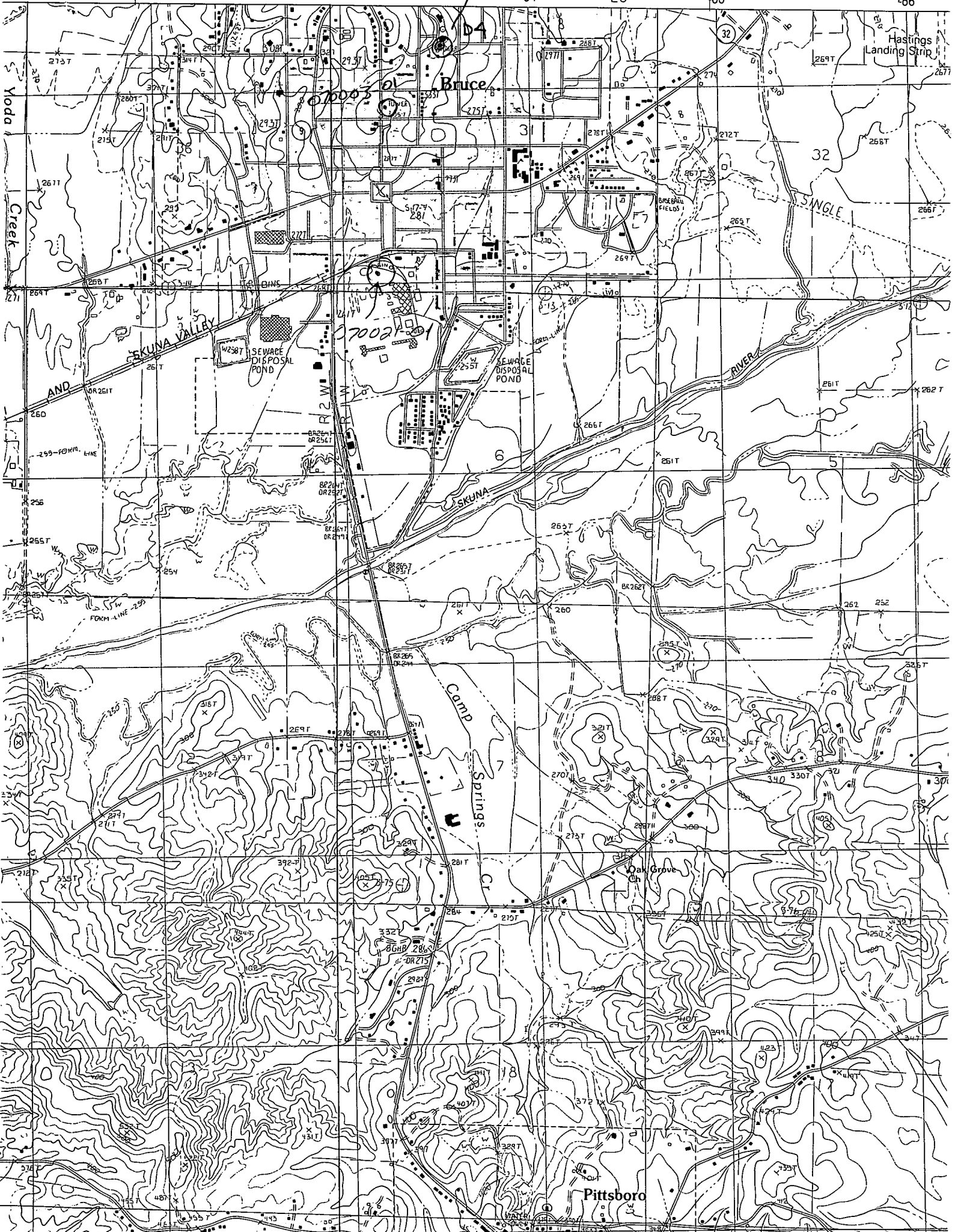
283

284

20'

285

286



Yoda Creek

Bruce

Hastings Landing Strip

SKUNA VALLEY

SEWAGE DISPOSAL POND

SEWAGE DISPOSAL POND

GREEN FIELDS

SKUNA RIVER

Camp Springs

Oak Grove Ch

Pittsboro