Marietta

FORM 9-1642
(1-68)

Well No. G-42

PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

DEC 27 1972

MASTER CARD

Record by J S. Source of data BOWC Date 4/70 Map

State 25 County (or town) Prentiss 59

Latitude: 34372 N Longitude: 088254 1 Sequential number:

Lat-long accuracy: 3 T. 5 S R. 8 E Sec. 26 SW ¼ NE ¼ NE ¼ NW ¼ B & M

Local well number: G042AB2605S08E Other number:

Local use: 171 Owner or name:

Owner or name: FRANCIS TAYLOR Address: Booneville

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (Q) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — 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: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [ ] ft 210 Meas. rept [ ] accuracy 3

Depth cased: (first perf.) [ ] ft 126 Casing type: Steel Diam. [ ] in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) borlz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other [ ] S

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

Date Drilled: [ ] 970 Pump intake setting: [ ] ft

Driller: [ ] name [ ] address

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

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

Descrip. MP ✓ ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] 400 Accuracy: (source) [ ] 5

Water Level 105 ft above below MP; Ft above below LSD 105 Accuracy: [ ] D

Date meas: [ ] 370 Yield: [ ] gpm Method determined [ ]

Drawdown: [ ] ft [ ] Accuracy: [ ] [ ] Pumping period [ ] hrs [ ]

QUALITY OF WATER DATA: Iron [ ] ppm Sulfate [ ] ppm Chloride [ ] ppm Hard. [ ] ppm

Sp. Conduct [ ] K x 10^6 [ ] Temp. [ ] °F Date sampled [ ]

Taste, color, etc.

Well No. G-42

Well No. _____

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: _____ 0 3 (20–21) Section: _____

_____ D (22) Drainage Basin: _____ 1 3 B (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series K 3 (28–29) _____ aquifer, formation, group E Z (30–31)

Lithology: _____ U S (32–33) Origin: _____ 2 (34) Aquifer Thickness: 4 0 ft

_____ (35–37) Length of well open to: _____ ft _____ (38–40) Depth to top of: _____ ft 1 7 0 (41–43)

MINOR AQUIFER: _____ system, _____ series _____ (44–45) _____ aquifer, formation, group _____ (46–47)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

_____ (51–53) Length of well open to: _____ ft _____ (54–56) Depth to top of: _____ ft _____ (57–59)

Intervals Screened: _____

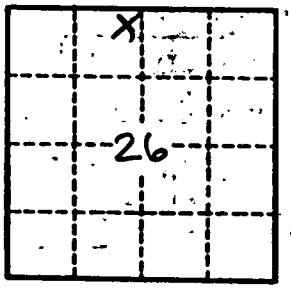
Depth to consolidated rock: _____ ft _____ (60–63) Source of data: _____ (64)

Depth to basement: _____ ft _____ (65–68) Source of data: _____ (69)

Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

Coefficient Trans: _____ gpd/ft _____ (73–75) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)



Well No. 42

Prentiss
G 42
3-26-70

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

CODED

WATER WELL DRILLERS LOG

3-26 1970 Bonded Well Drillers Prentiss
date well completed — firm name — county well located

LANDOWNER: Tommie Tharp

Booneville
(mailing address)

WELL LOCATION:
sec. 26 T 5 N (S) R 8 E (W)
10 miles East of Booneville
(distance) (direction) (nearest town)

WELL PURPOSE: Home
(home, irrigation, municipal, industrial)

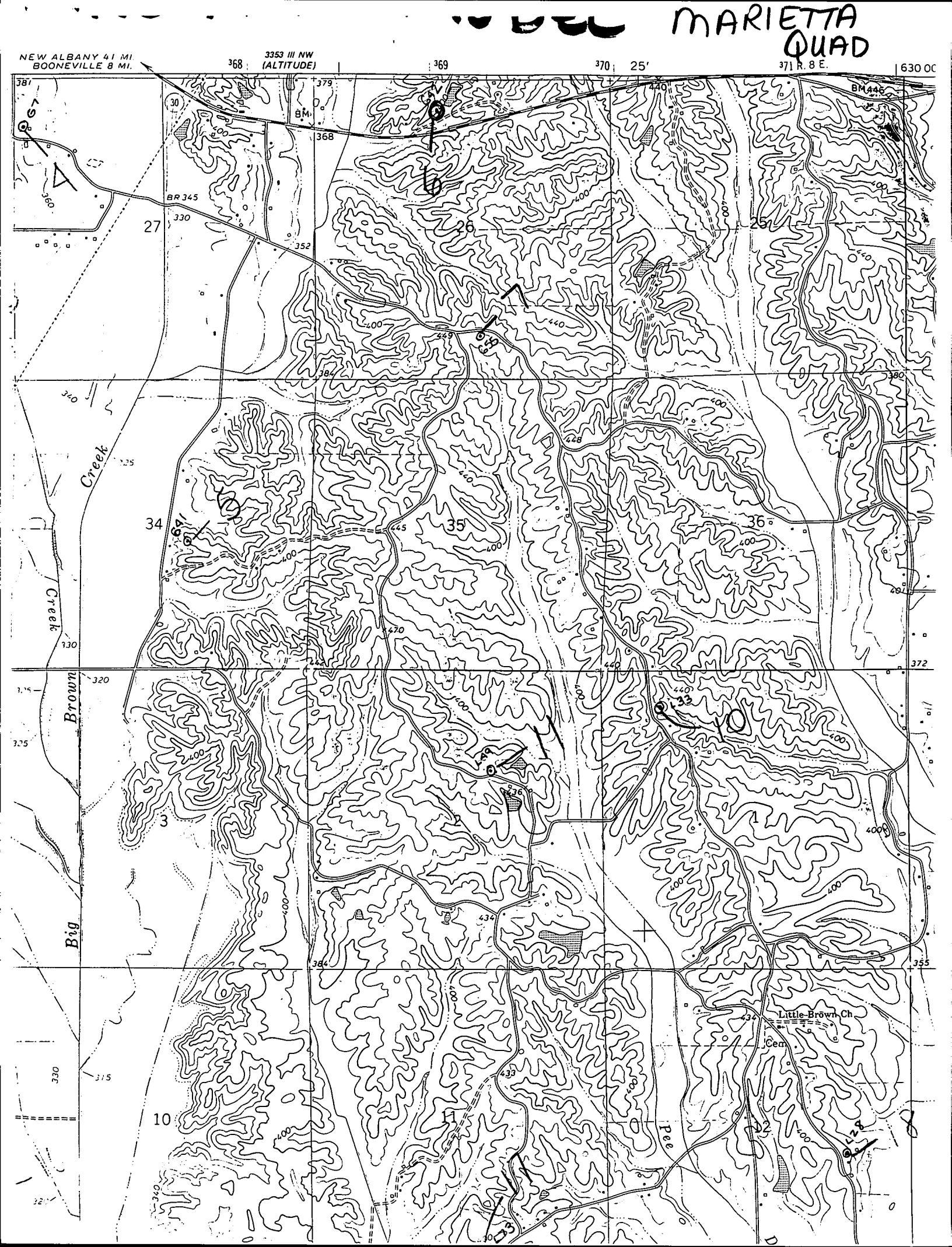
WELL COMPLETION DATA:
(1) diameter (inches) 4
(2) total depth (feet) 210
(3) static water level (feet) 105 below above top of ground.
(4) casing Steel, 176,
(material) (depth)
(size) If telescope see back.
(5) screen Iron
(length) (depth to top)
(size), (material)
(6) pump (HP) (yield gpm)
Hand Operated Pump
(type power)
(7) electric log No
(yes or no)
(organization running log)
(8) how well bottom plugged Open

DRILLERS REMARKS:

description of formations encountered	from	to
Gray sand	0	16
Sticky sand	16	115
Hard clay	115	170
Water sand	170	210

CODED

APR 1 9 1970


MARIETTA QUAD
NEW ALBANY 41 MI.
BOONEVILLE 8 MI.
3353 III NW
(ALTITUDE)
368
369
370
25'
371
R. 8 E.
630 00
BM 446
BM
BR 345
Creek
Brown
Big
Little Brown Ch
Cem
Pee
27
26
25
34
35
36
3
1
10
11
12