

WELL SCHEDULE

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

2 1/2 mi SW of Barton
MASTER CARD

PUNCHED

APR 23 1975

Record by MAH Source of data BOWC Date 1/13/75 Map

State 28 County (or town) Marshall 47

Latitude: 345648N Longitude: 0894300 Sequential number: 19

Lat-long accuracy: 4 T 2 S R 5 H Sec 3, NE 1/4, NE 1/4, NW 1/4

Local well number: 050AB0307S05W Other number: B & H

Local use: 260 Owner or name: VERNON GATES

Owner or name: VERNON GATES Address: RFD Coleridge, Tenn.

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

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) H

Use of well: (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) W

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

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78 D 79

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 65 Meas. 24 3

Depth cased: 55 Casing type: Plastic Diam. 4

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

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Z) H

Date Drilled: 974 Pump intake setting: 36 38

Driller: W.A. Mason Water Well Co.

Lift (type): (A) (B) (C) (J) multiple, multiple, none, piston, rot, submerg, turb, other S Deep 39 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 1/3 Trans. or meter no. 5

Descrip. MP 53 ft above LSD, Alt. MP 55

Alt. LSD: 52 Accuracy: (source) 51

Water Level: 6 Accuracy: 52 D

Date meas: 674 Yield: 7 Method determined 61

Drawdown: 62 Accuracy: 63 Pumping period 64 68

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 Temp. 74 76 Date sampled 77 79

Taste, color, etc.

Well No.

D 50

Well No. D50

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
19 20 21

D Drainage Basin: _____ Subbasin: _____
22 23 24 25 26

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

MAJOR AQUIFER: _____ series TE aquifer, formation, group S.S
28 29 30 31

Lithology: _____ Origin: 2 Aquifer Thickness: 45 ft
32 33 34

Length of well open to: _____ ft 10 Depth to top of: _____ ft 20
35 36 37 38 39 40 41 42 43

MINOR AQUIFER: _____ series _____ aquifer, formation, group _____
44 45 46 47

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
48 49 50

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
51 52 53 54 55 56 57 58 59

Intervals Screened: _____
60 61

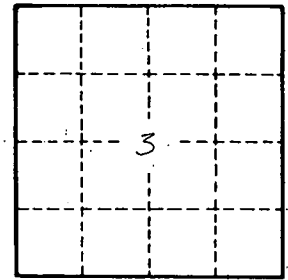
Depth to consolidated rock: _____ ft _____ Source of data: _____ 64
62 63 64

Depth to basement: _____ ft _____ Source of data: _____ 69
65 66 67 68 69

Surficial material: _____ Infiltration characteristics: _____ 72
70 71 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76
73 74 75 76 77 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. D50