

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.D. Source of data Bowl Date 10-70 Map _____

State 28 County (or town) Marshall 42

Latitude: 34^{deg} 40^{min} 43^{sec} N Longitude: 089^{degrees} 25^{min} 35^{sec} W Sequential number: 1

Lat-long accuracy: 5^{min} 5^{sec} R 2^{min} 5^{sec} W

Local well number: 7010 0505 502 W Other number: _____ B & M

Local use: 217 Owner or name: _____

Owner or name: CHARLES BYRD Address: Waterford, Mo.

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

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

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, 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 212 Meas. _____ 3

Depth cased; (first perf.) _____ ft 202 Casing type: PVC; Diam. _____ in _____

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other _____ 5

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

Date Drilled: 9-7-70 Pump intake setting: _____ ft _____

Driller: Arheiser + Frost address _____

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 _____ Deep Shallow

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

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____ 47

Water Level: 150 ft above _____ below MP; Ft. above _____ below LSD 150 Accuracy: _____ D

Date meaas: 070 Yield: _____ gpm _____ 12 Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 68

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 77 79

Taste, color, etc. _____

PUNCH

Well No. T 10

Well No. T

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

HYDROGEOLOGIC CARD

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

D **Drainage Basin:** _____ **15F** **Subbasin:** _____

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

MAJOR AQUIFER: _____ **system** _____ **series** _____ **28 29** **aquifer, formation, group** _____ **30 31**

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ **147** **ft**

Length of well open to: _____ **ft** _____ **32 33** **Depth to top of:** _____ **ft** _____ **34** **65** **41 42**

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

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ **ft**

Length of well open to: _____ **ft** _____ **48 49** **Depth to top of:** _____ **ft** _____ **50** _____ **51 52** **57 59**

Intervals Screened: 4" PVC

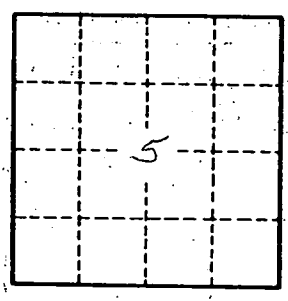
Depth to consolidated rock: _____ **ft** _____ **60 63** **Source of data:** _____ **64**

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

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

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

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



Well No. T-10