

H 51
Blg # = 0

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by THOMSON Source of data BOW OBS + DRL Date 5/17/68 Map Merigold 6W06378
00610012-03

State 28 County (or town) BOLIVAR 06

Latitude: 33^{deg} 50^{min} 15^{sec} N Longitude: 09^{degrees} 04^{min} 30^{sec} 00 Sequential number: 1

Local well number: 40510C1623N05W Other number: B & M

Local use: 064020 Owner or name: MERIGOLD

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

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

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: SPRT

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 788 ft Meas. 3

Depth cased: (first perf.) 768 ft Casing type: IRON; Diam. 8X6 in accuracy 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pc., (M) shored, (N) open hole, (O) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other 17

Date Drilled: 968 Pump intake setting: 30 ft

Driller: LAYNE MEMPHIS

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 7 Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 30 Trans. or meter no. 41

Descrip. MP 1A2 ft above LSD. Alt. MP 47

Alt. LSD: 1A4 Accuracy: (source) 4

Water Level: 26 ft below MP; Ft below LSD 26 Accuracy: D

Date meas: 668 Yield: 300 gpm Method determined 61

Drawdown: 62 ft Accuracy: 63 hrs 64

QUALITY OF WATER DATA: Iron ppm 4 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct 4 K x 10⁶ Temp. °F 210 Date sampled 371

Taste, color, etc.

ROLLA COUNTY BRANCH

Well No.

H 51

HYDROGEOLOGIC CARD

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

E Drainage Basin: 154 Subbasin: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (Ø) (P) (S) (T) (U) (V) DELTA

MAJOR AQUIFER: system _____ series TE aquifer, formation, group SS

Lithology: _____ Origin: 2 Aquifer Thickness: 28 ft

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

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 6" SS

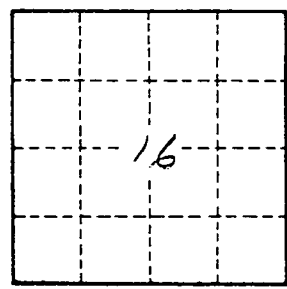
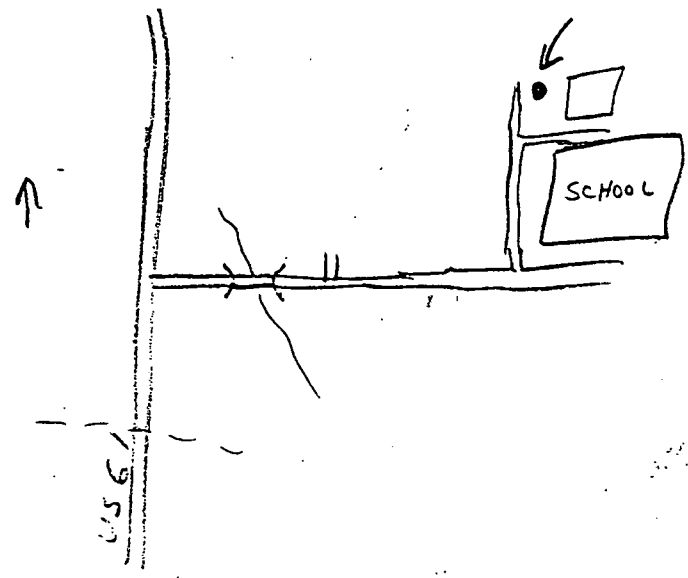
Depth to consolidated rock: _____ ft Source of data: _____

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: _____



Well No. HS 1