

MAY 14 1975

FORM 9-1642 (1-68)

Well No. K12

SEARCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by R.D. Source of data WUC Date 5/11 Map _____

State 38 County (or town) Madison 45

Latitude: 323505N Longitude: 0902005 Sequential number: 7

Lat-long accuracy: 5 T 90 S, R 10 Sec 31 12 degrees 15 min sec 18

Local well number: K0123109N01W Other number: _____ B & M

Local use: 150 Owner or name: MADISON LIVESTOCK Address: Alma

Ownership: County, Fed Gov t, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) 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:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 620 ft Meas. 3

Depth cased: (first perf.) 600 ft Casing type: Steel Diam. K2 in. 4

Finish: (C) porous concrete, (E) gravel w. (G) gravel w. (H) horiz. open perf., (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other S

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 1

Date Drilled: 1/7/71 Pump intake setting: _____ ft

Driller: C. Sewell

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 1 Trans. or meter no. 5

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

Alt. LSD: _____ Accuracy: (source) _____

Water Level 130 ft above/below MP; Ft. below LSD 120 Accuracy: _____

Date meas: 4/7/71 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 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ Physiographic Province: _____ Section: _____

²² Drainage Basin: _____ ²³ _____ ²⁵ _____ ²⁰ ²¹ Subbasin: _____ ²⁶ _____

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

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

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

³⁵ _____ ³⁷ Length of well open to: _____ ft ³⁸ _____ ⁴⁰ Depth to top of: _____ ft 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: _____ 2" - 5"

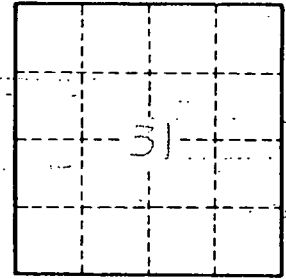
Depth to consolidated rock: _____ ft ⁶⁰ _____ ⁶³ _____ Source of data: _____ ⁶⁴ _____

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: _____ ² gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____ ⁷⁹ _____



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