

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by 0 Source of data MSGS Date 9/11 Map \_\_\_\_\_

State 28 County (or town) BENTON 05

Latitude: 34<sup>deg</sup> 37<sup>min</sup> 15<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 91<sup>min</sup> 30<sup>sec</sup> 0 Sequential number: 1

Lat-long accuracy: 2<sup>30'</sup> 50<sup>N</sup> 10<sup>S</sup> 27<sup>W</sup> NE

Local well number: 019CA2705301E Other number: #12

Local use: 020 Owner or name: MSGS Address: \_\_\_\_\_

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

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 \_\_\_\_\_ U

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

DATA AVAILABLE: Well data  Freq. W/L meas.: None Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: 2'-147'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 147 ft Meas. rept accuracy \_\_\_\_\_ 3

Depth cased: \_\_\_\_\_ ft Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horia. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other \_\_\_\_\_ H

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

Date Drilled: 956 Pump intake setting: \_\_\_\_\_ ft

Driller: MSGS name address \_\_\_\_\_

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

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

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 430 Accuracy: (source) \_\_\_\_\_ 4

Water level \_\_\_\_\_ ft above \_\_\_\_\_ below MP; \_\_\_\_\_ ft above \_\_\_\_\_ below LSD Accuracy: \_\_\_\_\_

Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

Pumping period \_\_\_\_\_ hrs

Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

\_\_\_\_\_ ste, color, etc.

HYDROGEOLOGIC CARD

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: \_\_\_\_\_ 0:3 Section: \_\_\_\_\_

1 \_\_\_\_\_ 19 \_\_\_\_\_ 20 \_\_\_\_\_ 21 \_\_\_\_\_

22 D Drainage Basin: \_\_\_\_\_ 23 1:5:F Subbasin: \_\_\_\_\_ 24 \_\_\_\_\_ 25 \_\_\_\_\_ 26 \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) \_\_\_\_\_ 27 \_\_\_\_\_

**MAJOR AQUIFER:** \_\_\_\_\_ system \_\_\_\_\_ series KS \_\_\_\_\_ aquifer, formation, group RI \_\_\_\_\_

Lithology: \_\_\_\_\_ 32 \_\_\_\_\_ 33 \_\_\_\_\_ Origin: \_\_\_\_\_ 34 \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 38 \_\_\_\_\_ 40 \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 41 \_\_\_\_\_ 43 \_\_\_\_\_

35 \_\_\_\_\_ 37 \_\_\_\_\_

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

Lithology: \_\_\_\_\_ 48 \_\_\_\_\_ 49 \_\_\_\_\_ Origin: \_\_\_\_\_ 50 \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 54 \_\_\_\_\_ 56 \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 57 \_\_\_\_\_ 59 \_\_\_\_\_

51 \_\_\_\_\_ 53 \_\_\_\_\_

Intervals Screened: \_\_\_\_\_

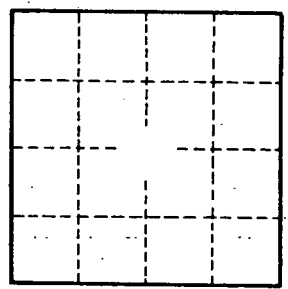
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ 60 \_\_\_\_\_ 63 \_\_\_\_\_ Source of data: \_\_\_\_\_ 64 \_\_\_\_\_

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: \_\_\_\_\_ <sup>2</sup> gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79 \_\_\_\_\_



Well No. 0-19