

Latitude-longitude d m s N d m s S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03

Section: \_\_\_\_\_

D  
22

Drainage Basin: \_\_\_\_\_

\_\_\_\_\_ 23 25

Subbasin: \_\_\_\_\_

\_\_\_\_\_ 26

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

\_\_\_\_\_ 27

MAJOR AQUIFER:

system \_\_\_\_\_

series \_\_\_\_\_

Q  
28 29

aquifer, formation, group \_\_\_\_\_

Q: T  
30 31

Lithology: \_\_\_\_\_

U: R  
32 33

Origin: \_\_\_\_\_

2  
34

Aquifer Thickness: \_\_\_\_\_

11 ft

Length of well open to: \_\_\_\_\_ ft

\_\_\_\_\_ 35

Depth to top of: \_\_\_\_\_ ft

4  
36 37

3.5  
38 39

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

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

Depth to top of: \_\_\_\_\_ ft

\_\_\_\_\_ 54 56

\_\_\_\_\_ 57 59

Intervals Screened: 17'

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: \_\_\_\_\_

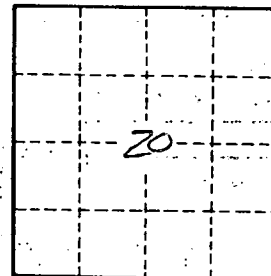
\_\_\_\_\_ 76 78

Coefficient Perm: \_\_\_\_\_

gpd/ft; Spec cap: \_\_\_\_\_

gpm/ft; Number of geologic cards: \_\_\_\_\_

\_\_\_\_\_ 79



Well No. D 23

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B. D. Source of data Bowl Date 8-71 Map \_\_\_\_\_

State 28 County (or town) DESOTO 17

Latitude: 34<sup>deg</sup> 58<sup>min</sup> 50<sup>sec</sup> N Longitude: 09<sup>degrees</sup> 00<sup>min</sup> 40<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 5<sup>70</sup> T 1<sup>70</sup> R 8<sup>70</sup> Sec 20 Other number: \_\_\_\_\_

Local well number: B023 2001508W Other number: \_\_\_\_\_

Local use: 045 Owner or name: \_\_\_\_\_

Owner or name: L J MADISON Address: \_\_\_\_\_

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, (S) Stock, Instit, Unused, Repressure, 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. (D) (G) (H) (I) (M) (N) (P) (R) (T) (U) (W) (X) (Y) (Z) W

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

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

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

Freq. sampling: \_\_\_\_\_ Pumpage inventory: no, period: \_\_\_\_\_

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

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 46 Meas. rept accuracy 3

Depth cased; (first perf.) \_\_\_\_\_ ft 42 Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in 2

Finish: porous concrete, gravel w. (perf.), (C) gravel w. (screen), (G) horiz. open perf., (H) gallery, end, (I) open perf., (S) screen, sd. pt., (T) shored, (W) open hole, (X) other, (Z) \_\_\_\_\_ 5

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

Date Drilled: 9.6.0 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: C B Perry 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, other \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_

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

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

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

Water Level 15 ft above MP; 15 ft below LSD Accuracy: \_\_\_\_\_

Date meas: 9.6.0 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 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No. B23