

APR 30 1975

FORM 9-1642 (1-68)

Well No. M 43

RECORDED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JCM Source of data BOWC Date 6-72 Map \_\_\_\_\_

State 28 County (or town) Leake 40

Latitude: 32° 41' 59" N Longitude: 089° 21' 58" W Sequential number: 1

Lat-long accuracy: 5' T. 10 S. R. 9 W. Sec 22

Local well number: M 043 2210 N 09 E Other number: \_\_\_\_\_ B & M

Local use: 299 Owner or name: \_\_\_\_\_

Owner or name: J. A. S. FORTENBERRY Address: Madden

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

Use of Air cond., Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P-S, Rec, water: \_\_\_\_\_ H

Use of well: 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 63 Meas. rept accuracy \_\_\_\_\_ 3

Depth cased: (first perf.) \_\_\_\_\_ ft 57 Casing type: Yalu; Diam. \_\_\_\_\_ in \_\_\_\_\_ 2

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. gallery, end, horiz. open end, perf., screen, sd. pt., shored, open hole, other \_\_\_\_\_ S

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

Date Drilled: 9-7-72 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 38

Driller: F. D. Comans

Lift (type): (A) air, (B) bucket, (C) cent. jet, (J) multiple (cent.), (L) multiple (turb.), (M) none, (N) piston, (P) rot., (R) submerg, (S) turb, other \_\_\_\_\_ J Deep \_\_\_\_\_ 40 Shallow \_\_\_\_\_

Power (type): diesel, ~~elec~~, gas, gasoline, hand, gas, wind; H, P. \_\_\_\_\_ 34 5 Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 47

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; \_\_\_\_\_ ft below LSD \_\_\_\_\_ 22 Accuracy: \_\_\_\_\_ 52 D

Date meas: \_\_\_\_\_ 6-7-72 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ 110 Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ 72

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 79

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

Well No.

M 43

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

19 SAME AS ON MASTER CARD 20 Physiographic Province: 03 Section: 21

22 Drainage Basin: D 23 137 25 Subbasin: 26

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

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

32 Lithology: 33 4 S 34 Origin: 2 35 Aquifer Thickness: 28 ft 36 Length of well open to: 37 6 38 Depth to top of: 39 3.5 40

41 MINOR AQUIFER: 42 system series 43 aquifer, formation, group 44 45 46 47

48 Lithology: 49 Origin: 50 Aquifer Thickness: ft 51 Length of well open to: 52 ft 53 54 Depth to top of: 55 ft 56 57 58 59

60 Intervals Screened: 2" Copper

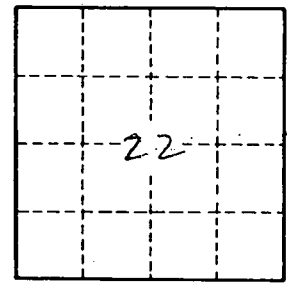
61 Depth to consolidated rock: ft 62 63 Source of data: 64

65 Depth to basement: ft 66 67 Source of data: 68

69 Surficial material: 70 71 Infiltration characteristics: 72

73 Coefficient Trans: gpd/ft 74 75 Coefficient Storage: 76 77 78

79 Coefficient Perm: gpd/ft<sup>2</sup>; Spec cap: gpm/ft; Number of geologic cards: 80



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