

PUNCHED

FORM 9-1642 (1-68)

Well No. D51

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 8 1972

MASTER CARD

Record by JCM Source of data BOWC Date 7-72 Map \_\_\_\_\_

State 28 County (or town) Pontotoc 58

Latitude: 34 17 55 N Longitude: 08 8 52 00 Sequential number: 1

Lat-long accuracy: 5 T. 90 N. 40 W. Sec. 15

Local well number: D051 1509504E Other number: \_\_\_\_\_ B & M

Local use: 027 Owner or name: \_\_\_\_\_

Owner or name: BOB COUCH Address: Baldwin

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, (W) \_\_\_\_\_ 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  no

Log data: \_\_\_\_\_ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 445 Meas. rept accuracy \_\_\_\_\_ 3

Depth cased: (first perf.) \_\_\_\_\_ ft 38 Casing type: Steel; Diam. in \_\_\_\_\_ 5

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

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

Date Drilled: 9:7:2 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 38

Driller: J.W. Webb name address \_\_\_\_\_

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

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

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

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

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; \_\_\_\_\_ ft below LSD 165 Accuracy: \_\_\_\_\_ 52

Date meas: \_\_\_\_\_ 672 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ 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 \_\_\_\_\_ 79

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

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**PUNCHED**

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

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

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

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

13C Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_

system

series

K3

aquifer, formation, group

C3

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

3

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

6

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

112 ft

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

\_\_\_\_\_ ft

112

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

333

MINOR AQUIFER: \_\_\_\_\_

system

series

\_\_\_\_\_

aquifer, formation, group

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

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

ft

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

\_\_\_\_\_ ft

\_\_\_\_\_

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

\_\_\_\_\_

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

None

Depth to consolidated rock: \_\_\_\_\_ ft

\_\_\_\_\_

Source of data: \_\_\_\_\_

64

Depth to basement: \_\_\_\_\_ ft

\_\_\_\_\_

Source of data: \_\_\_\_\_

69

Surficial material: \_\_\_\_\_

\_\_\_\_\_

Infiltration characteristics: \_\_\_\_\_

72

Coefficient Trans: \_\_\_\_\_ gpd/ft

\_\_\_\_\_

Coefficient Storage: \_\_\_\_\_

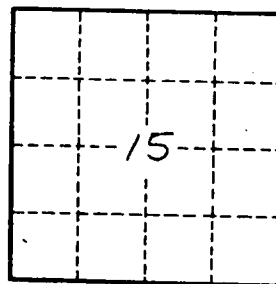
\_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>

Spec cap: \_\_\_\_\_

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

79



Well No. \_\_\_\_\_

D51