

Paden

Well No. D 21

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 27 1972

MASTER CARD

Record by B.D. Source of data Bowc Date 1-71 Map _____

State 28 County (or town) Prentiss 59

Latitude: 34 43 16 N Longitude: 08 82 13 0 Sequential number: 1

Lat-long accuracy: 1 4 9 21 NW SW NE

Local well number: D 0 21 C A 21 0 9 5 0 9 E Other number: _____

Local use: 268 Owner or name: _____

Owner or name: L V BURCHAM Address: Bonerville, Mo.

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, Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other 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: 130 ft Meas. rept. accuracy 3

Depth cased: (first perf.) _____ ft Casing type: Steel; Diam. _____ in

Finish: porous concrete, gravel w. (perfor.), (screen), (horiz. gallery), (open end), other X

Method Drilled: air bored, cable, dug, hyd jetted, air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 970 Pump intake setting: _____ ft

Driller: Bend name address _____

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, 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: 540 Accuracy: (source) 5

Water Level 40 ft above below MP; Ft below LSD 70 Accuracy: 0

Date meas: 070 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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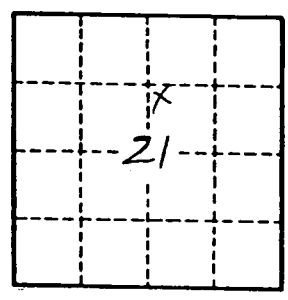
PUNCHED

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

19 **DEF 83 530**
 18 **SAME AS ON MASTER CARD** Physiographic Province: _____ Section: 03
 22 D Drainage Basin: _____ 23 118 R Subbasin: _____ 26
 (D) (C) (E) (F) (R) (K) (L)
 Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp, _____
 (Ø) (P) (S) (T) (U) (V)
 offshore, pediment, hillside, terrace, undulating, valley flat _____ 27
 MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group E2
 Lithology: _____ Origin: 2 Aquifer Thickness: 47 ft
 Length of well open to: _____ ft 47 Depth to top of: _____ ft 83
 MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
 Intervals Screened: _____
 Depth to consolidated rock: _____ ft _____ Source of data: _____ 44
 Depth to basement: _____ ft _____ Source of data: _____ 49
 Surficial material: _____ Infiltration characteristics: _____ 72
 Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

mixed clay 0 - 16
Blue clay 16 - 83
Water sand 83 - 130



Well No. D21

PRENTISS
D 21
12-4-70

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

CODED

12-4 1970 Bond Well Drilling Pontien
date well completed firm name county well located

LANDOWNER: <u>J. V. Burchan</u>	description of formations encountered		from	to
<u>Brownsville Miss</u> (mailing address)	<u>Gravel clay</u>		<u>0</u>	<u>16</u>
	<u>Blue clay</u>		<u>16</u>	<u>83</u>
	<u>Water sand</u>		<u>83</u>	<u>130</u>
WELL LOCATION:				
sec. <u>21</u> T. <u>4</u> N. R. <u>9</u> E. W.				
<u>16</u> miles <u>East</u> of <u>Brownsville</u> (distance) (direction) (nearest town)				
WELL PURPOSE: <u>Home</u> (home, irrigation, municipal, industrial)				
WELL COMPLETION DATA:				
(1) diameter (inches) <u>4</u>				
(2) total depth (feet) <u>130</u>				
(3) static water level (feet) <u>40</u> <u>below</u> above top of ground.				
(4) casing <u>Steel</u> <u>21</u> (material) (depth)				
_____ If telescope see back. (size)				
(5) screen <u>None</u> (length) (depth to top)				
_____ (size) _____ (material)				
(6) pump _____ (HP) _____ (yield gpm) <u>Had on pump</u> (type power)				
(7) electric log <u>no</u> (yes or no)				
_____ (organization running log)				
(8) how well bottom plugged <u>open</u>				
DRILLERS REMARKS:				
JAN 7 1970				
BIO-ED, PE				
WATER				

CODED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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