

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 27 1972

MASTER CARD

Record by C. H. Source of data Bo. 40 Date 10-70 Map \_\_\_\_\_

State 28 County Indiana (or town) 57

Latitude: 34° 38' 15" N Longitude: 088° 40' 18" W Sequential number: 1

Lat-long accuracy: 3 T. 5 R. 6 S. 21 NW, NE, NE

Local well number: E 0 4 0 A A 2 1 0 5 5 0 6 E Other number: \_\_\_\_\_

Local use: 171 Owner of name: \_\_\_\_\_

Owner or name: PHILLIP COLE Address: Booneville, Mo.

Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist. P

Use of water: (A) Air cond, Bottling, Comm, Devater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. (S) (T) (U) (V) (W) (X) (Y) (Z) H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (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:  period: \_\_\_\_\_

Aperture cards:  yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 220 ft Meas. rept accuracy 3

Depth casad: 21 ft Casing type: Steel Diam. in \_\_\_\_\_

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. (I) open (J) screen), (K) gallery, end, (L) perf., (M) screen, (N) sd. pt., (O) shored, (P) open (Q) bble, (R) other X

Method: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd, (F) jatted, (G) air rot., (H) percussion, (I) rotary, (J) reverse, (K) trenching, (L) driven, (M) drive wash, (N) other H

Date Drilled: 9-7-70 Pump intake setting: \_\_\_\_\_ ft

Driller: Boad address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other  Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; (H) P.  Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 420 Accuracy: (source) 5

Water Level: 65 ft above below MP; 65 ft below LSD Accuracy: \_\_\_\_\_

Date meas: 9-7-70 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 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

Well No. E 40

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

0210110

HYDROGEOLOGIC CARD

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

22 D Drainage Basin: 13B 23 24 Subbasin: \_\_\_\_\_ 26

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

MAJOR AQUIFER: \_\_\_\_\_ 28 K3 \_\_\_\_\_ 29 aquifer, formation, group \_\_\_\_\_ 30 CJ 31

Lithology: \_\_\_\_\_ 32 UJ \_\_\_\_\_ 33 Origin: \_\_\_\_\_ 34 6 Aquifer Thickness: 50 ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 35 50 Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 36 170 37

MINOR AQUIFER: \_\_\_\_\_ 38 \_\_\_\_\_ 39 aquifer, formation, group \_\_\_\_\_ 40 \_\_\_\_\_ 41

Lithology: \_\_\_\_\_ 42 \_\_\_\_\_ 43 Origin: \_\_\_\_\_ 44 \_\_\_\_\_ 45 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 46 \_\_\_\_\_ 47 Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 48 \_\_\_\_\_ 49

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

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ 50 \_\_\_\_\_ 51 Source of data: \_\_\_\_\_ 52

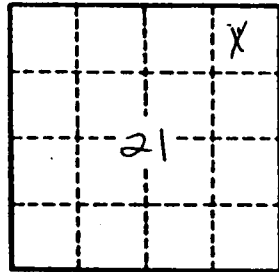
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ 53 \_\_\_\_\_ 54 Source of data: \_\_\_\_\_ 55

Surficial material: \_\_\_\_\_ 56 \_\_\_\_\_ 57 Infiltration characteristics: \_\_\_\_\_ 58

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ 59 \_\_\_\_\_ 60 Coefficient Storage: \_\_\_\_\_ 61 \_\_\_\_\_ 62

Coefficient Perm: \_\_\_\_\_ gpd/ft; Spec cap: \_\_\_\_\_ gpd/ft; Number of geologic cards: \_\_\_\_\_ 63

Red clay 0-15  
 Blue clay 15-170  
 Water sand 170-220



Well No. E 40

PRENTISS  
E 40  
9-4-70

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

**CODED**

WATER WELL DRILLERS LOG

9-4 1970 Bond Well Drilling Prentiss  
date well completed firm name county well located

LANDOWNER: <u>Phillip Cole</u>	description of formations encountered	from	to
<u>Bonnville Min</u> (mailing address)			
	<u>Red clay</u>	<u>0</u>	<u>15</u>
	<u>Blue clay</u>	<u>15</u>	<u>170</u>
	<u>Water sand</u>	<u>170</u>	<u>220</u>

WELL LOCATION:  
sec 21 T 5 N R 6 E  
5 miles West of Bonnville  
(distance) (direction) (nearest town)

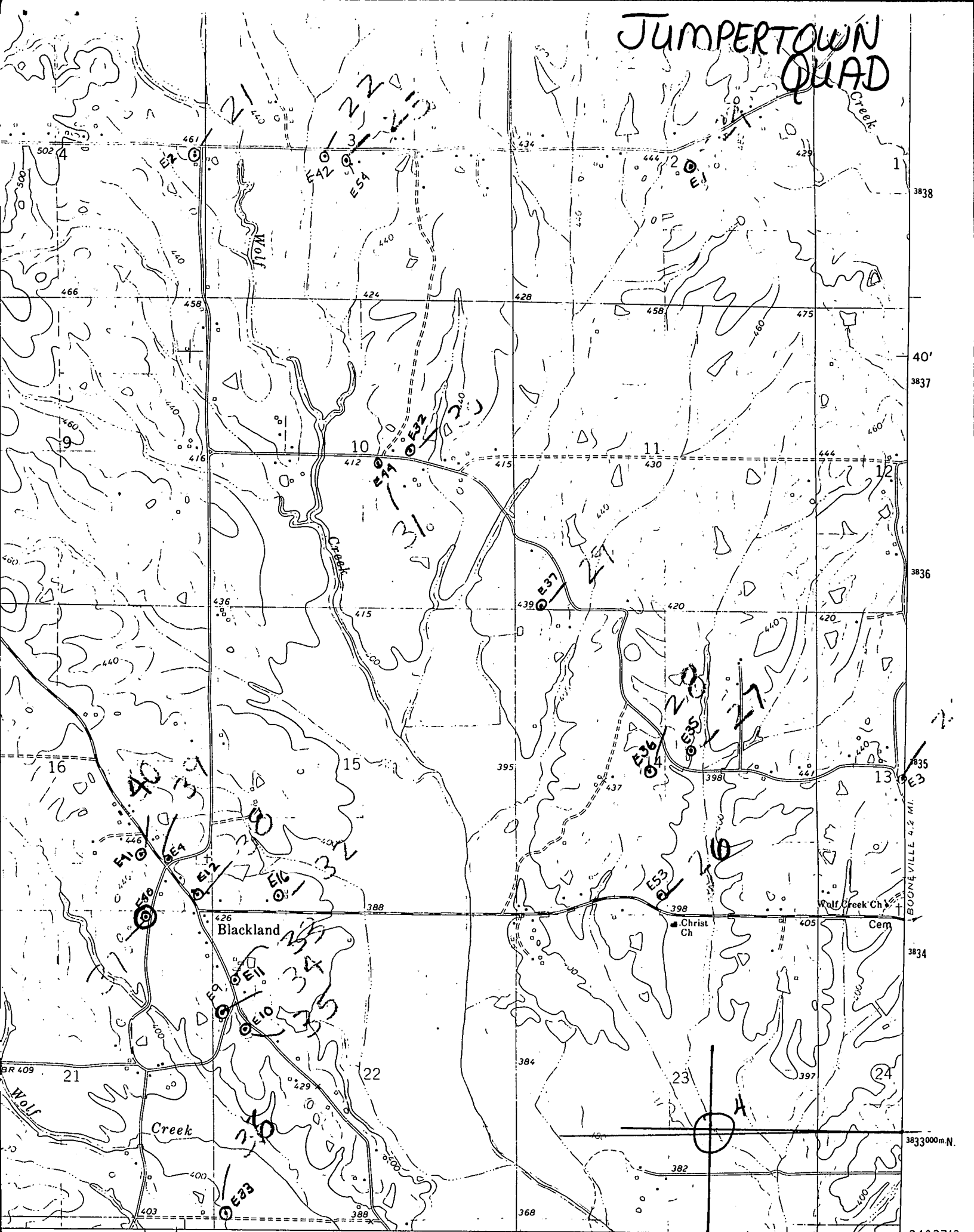
WELL PURPOSE: Home  
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 4
  - (2) total depth (feet) 220
  - (3) static water level (feet) 65 below above top of ground.
  - (4) casing Steel, 21,  
(material) (depth)  
(size) If telescope see back.
  - (5) screen None  
(length) (depth to top)  
(size) (material)
  - (6) pump Hand on pump  
(HP) (yield gpm)  
(type power)
  - (7) electric log no  
(yes or no)  
(organization running log)
  - (8) how well bottom plugged Open

**CODED**

DRILLERS REMARKS: 907 12 1970

# JUMPERTOWN QUAD



3838

40'

3837

3836

3835

3834

3833000m N.

34° 37' 3"

88° 37' 30"