

FORM 9-1642 (1-68)

Well No. E 41

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by B.D. Source of data BOWC Date 10-70 Map _____

State 28 County (or town) Prentiss 59

Latitude: 343838 N Longitude: 088400 Sequential number: 1

Lat-long accuracy: 3 T. 5 S. R. 6 Sec. 16 NW. SE. SE.

Local well number: E041DD1605506E Other number: _____ B & M

Local use: 171 Owner or name: _____

Owner or name: E. LINDSEY Address: Booneville, ms.

Ownership: County, Fed Gov't, 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, (B) Stock, Inatit, Unused, Reprressure, 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

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: 220 ft Meas. rept. 3

Depth cased; (first perf.): 21 ft Casing type: Steel; Diam. _____ in

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

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (H) air reverse, (R) trenching, (T) driven, (V) drive wash, (W) other H

Date Drilled: 970 Pump intake setting: _____ ft

Driller: Bond

Lift (type): (A) air, (B) bucket, (C) cent, jet, (L) multiple, (M) multiple, (N) nose, (P) piston, (R) rot, (S) submerg, (T) turb, other Deep Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. Trans. of meter no. _____

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: 440 Accuracy: (source) 5

Water Level 65 ft above below MP; Ft below LSD 65 Accuracy: D

Date meas: 970 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. _____

Well No. E 41

SEARCHED

Well

Latitude-longitude

N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03

Section:

7

Drainage Basin:

13B

Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp

(4) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:

system

series

K3

aquifer, formation, group

G3

Lithology:

U.S.

Origin:

6

Aquifer

Thickness:

47

Length of well open to: ft

47

Depth to top of: ft

173

MINOR AQUIFER:

system

series

aquifer, formation, group

Lithology:

Origin:

Aquifer

Thickness:

Length of well open to: ft

Depth to top of: ft

Intervals Screened:

Depth to consolidated rock: ft

Source of data:

Depth to basement: ft

Source of data:

Surficial material:

Infiltration characteristics:

Coefficient Trans:

gpd/ft

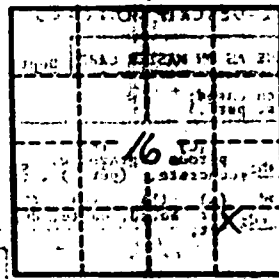
Coefficient Storage:

Coefficient Perm:

gpd/ft²; Spec cap:

gpd/ft; Number of geologic cards:

Red clay 0-15
Blue clay 15-173
Water sand 173-220



11
4

PRENTISS
E 41
9-9-70

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

CODED

WATER WELL DRILLERS LOG

9-9 1970 *Bronck Well Drilling* *Prentiss*
date well completed firm name county well located

LANDOWNER: <i>Esmerle Lindsay</i>	description of formations encountered	from	to
<i>Bronckville Miss</i> (mailing address)			
	<i>Red clay</i>	<i>0</i>	<i>15</i>
	<i>Blue clay</i>	<i>15</i>	<i>173</i>
	<i>Water sand</i>	<i>173</i>	<i>220</i>

WELL LOCATION:
sec. 16 T 5 N R 6 E
4 1/2 miles *W* of *Bronckville*
(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) 165 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 Had on pump
(HP) (yield gpm)
(type power)
 - (7) electric log No
(yes or no)
 - (organization running log)
 - (8) how well bottom plugged Open

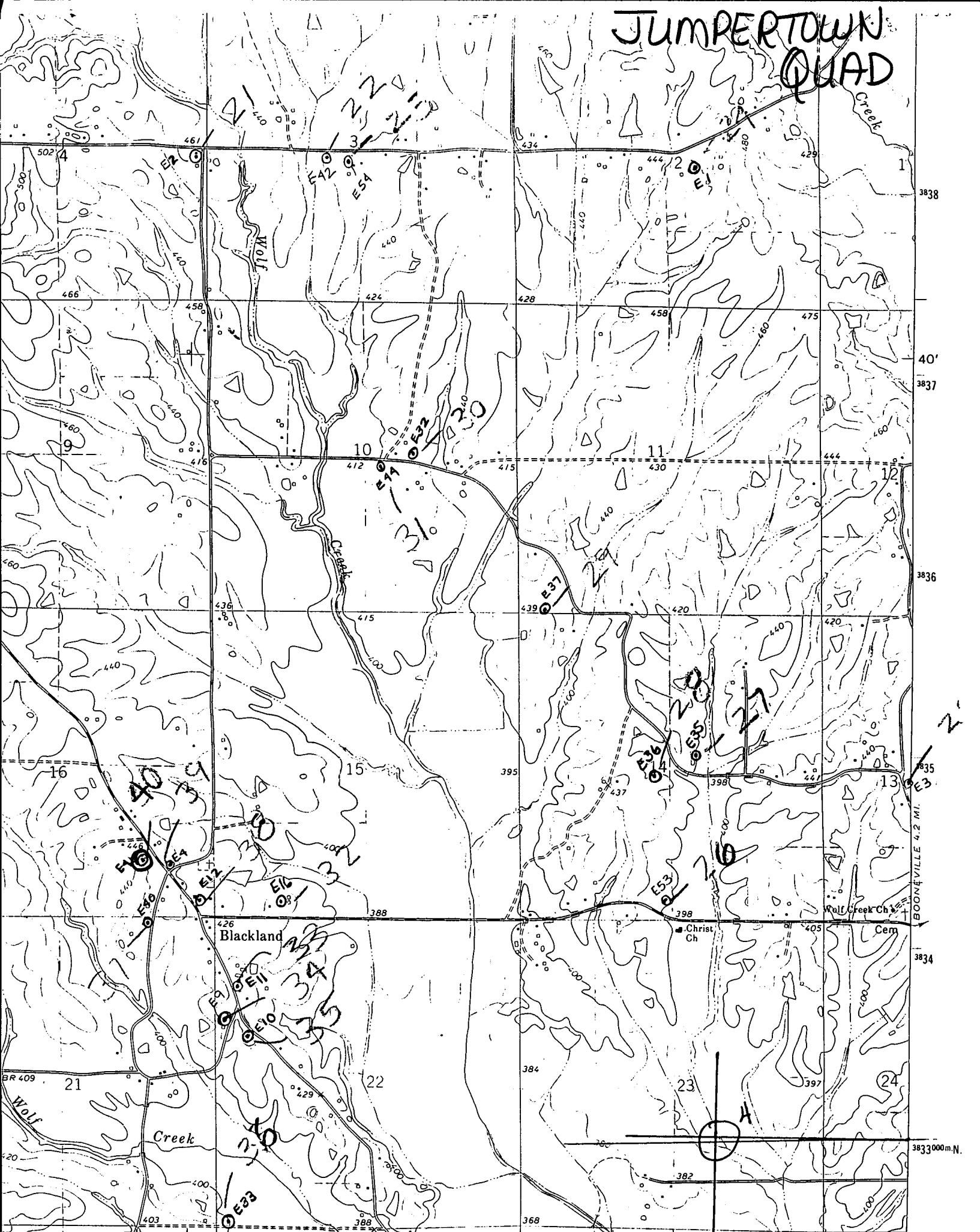
CODED

OCT 12 1970

DRILLERS REMARKS:

MISS. BO. OF
WATER COMM.

JUMPERTOWN QUAD



3838

40'
3837

3836

BOONEVILLE 4.2 MI.

3834

3833000m.N.

34° 37' 30"