

FORM 9-1642 (1-68)

Well No. D24

WELL SCHEDULE
GEOLOGICAL SURVEY

PUNCHED

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

MASTER CARD

Record by JCM Source of data BOWC Date 6-72 Map MAR 11 1973

State 28 County (or town) Monroe 48

Latitude: 34° 01' 55" N Longitude: 088° 21' 07" W Sequential number: 1

Lat-long accuracy: 2' T 120 S R 90 W, Sec 12 SE 1 NW 1 NW

Local well number: D024BB17172509E Other number: B & M

Local use: 071 Owner or name: ED HATHCOCK Address: Smithdale

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, 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

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data:

Qual. water data, type:

Freq. Sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 9.4 Meas. 3

Depth cased (first perf.): 7.4 Casing Type: PVC ; Diam. in 4

Finish: porous concrete, gravel w. (perf.), (screen), gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air percussion, (F) rotary, (G) reverse trenching, (H) driven, (I) drive wash, (J) other, 7

Date Drilled: 9-7-72 Pump intake setting: 330 ft 38

Driller: W. J. Reeves

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other, 5 Deep Shallow

Power (type): diesel, ~~elec~~ gas, gasoline, hand, gas, wind; H.P. 1/2 5 Trans. or meter no. 5

Descrip. MP 330 ft above below LSD, Alt. MP

Alt. LSD: 350 Accuracy: (source) 4

Water Level: 50 Accuracy: D

Date meas: 4-7-72 Yield: 10 Method determined

Drawdown: 4.72 Accuracy: Pumping period: 68 hrs

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10⁶ 73 Temp. °F 74 Date sampled 75 ppm 76

Taste, color, etc. 77 79

Well No.

D24

Well No. _____

Latitude-longitude _____
N
S
d m s d m s

HYDROLOGIC RECORD
SAME AS ON MASTER CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 13B

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

MAJOR AQUIFER: K3 EZ
system series aquifer, formation, group

Lithology: S Origin: G Aquifer Thickness: 40 ft

Length of well open to: _____ ft Depth to top of: 50 ft

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: 4" PVC

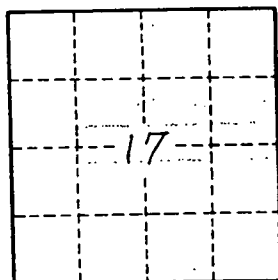
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



Well No. D24

MONROE
D 24
4-4-72

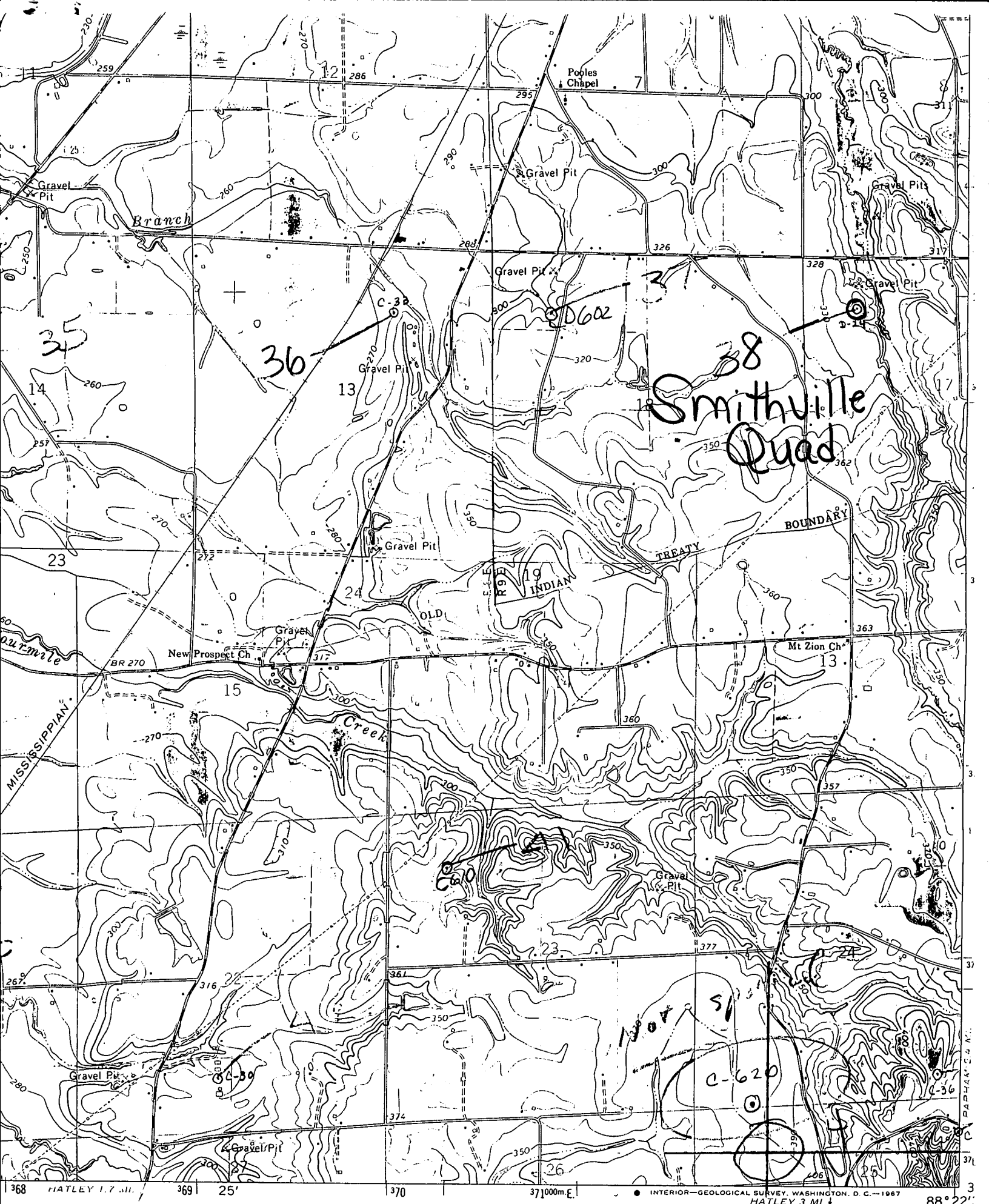
MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

CODED

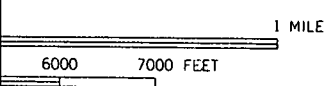
WATER WELL DRILLERS LOG

4-4 1972 W. J. REEVES & SON MONROE
 date well completed firm name county well located

LANDOWNER: <u>ED HATHCOCK</u> <u>SMITHVILLE</u>	description of formations encountered	from	to
(mailing address)	<u>RED CLAY</u>	<u>0</u>	<u>19</u>
WELL LOCATION: sec. <u>17</u> T. <u>12</u> S. R. <u>9</u> E. <u>12</u> miles <u>SE</u> of <u>SMITHVILLE</u> (distance) (direction) (nearest town)	<u>RED SAND + CLAY STRS</u>	<u>19</u>	<u>91</u>
WELL PURPOSE: <u>HOME</u> (home, irrigation, municipal, industrial)	<u>BLUE CLAY</u>	<u>91</u>	<u>94</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>4</u> (2) total depth (feet) <u>94</u> (3) static water level (feet) <u>50</u> below above top of ground. (4) casing <u>PVC</u> <u>74</u> (material) (depth) <u>4</u> If telescope see back. (size) (5) screen <u>20</u> <u>74</u> (length) (depth to top) <u>4</u> <u>PVC</u> (size) (material) (6) pump <u>1/2</u> <u>10</u> (HP) (yield gpm) <u>ELECT</u> (type power) (7) electric log <u>NO</u> (yes or no) (organization running log) (8) how well bottom plugged <u>SAND</u>	<p>CODED</p> <p>JUN 21 1972</p> <p>MISS. DIV. OF WATER CONTROL</p>		
DRILLERS REMARKS:			



Smithville Quad



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1967
 HATLEY 3 MI. 88° 22'

ROAD CLASSIFICATION
 Medium-duty Light-duty