

omit piston pump

FORM 9-1642 (1-68)

Well No. H7

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

113-A

MASTER CARD

Record by J. Shell Source of data BOWC Date 4/69 Map Vardaman

State 655 28 County (or town) Calhoun 25 07

Latitude: 33^{deg} 57^{min} 07^{sec} N Longitude: 089^{degrees} 10^{min} 47^{sec} W Sequential number: 1

Lat-long accuracy: 5 T 13 N 1 R 1 W, Sec 15 NENESE SE

Local well number: H007 DD 15 13 SO IE Other number: B & M

Local use: 092 Owner or name: H. E. BAILEY

Owner or name: H. E. BAILEY Address: Vardaman, MI

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, Mad, Ind, P S, Rec, water: 7

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other W

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char: 0

Hyd. lab. data: 0

Qual. water data; type: 0

Freq. sampling: 0 Pumpage inventory: no, period: 0

Aperture cards: 0

Log data: 0

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1292 ft Meas. accuracy 3

Depth cased; (first perf.) 640 ft Casing type: 4x2 in Diam. 4

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

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

Date Drilled: 961 Pump intake setting: 0 ft

Driller: ASHBY address 0

Lift (type): air, bucket, cent, jet, multiple, multiple, (cent.) (turb.) none, piston, rot, submerg, turb, other 0 Deep 0 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 0 Trans. or meter no. 0

Descrip. MP 0 ft above below LSD, Alt. MP 0

Alt. LSD: 330 Accuracy: (source) 0

Water Level 126 ft above below MP; Ft. below LSD 126 Accuracy: 0

Date meas: 561 Yield: 500 gph 8 Method determined 0

Drawdown: 40 ft Accuracy: 0 Pumping period: 0 hrs 0

QUALITY OF WATER DATA: Iron 0 Sulfate 0 Chloride 0 Hard. 0

Sp. Conduct 0 K x 10⁶ Temp. 0 °F Date sampled 0

Taste, color, etc. 0

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

H7

Well No. H 7

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 156 Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group E4

Lithology: 5 Origin: 6 Aquifer Thickness: ≥ 147 ft
Length of well open to: _____ ft Depth to top of: 1145 ft A14

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: _____

Depth to basement: _____ ft Source of data: _____

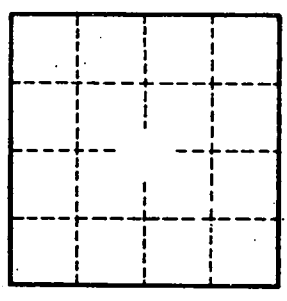
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

Clay 0-20 ft
Blk sd rock 20-21
Blk shale 21-356
Blue rock 356-525
White sd, coarse-no water 525-600
Blue rock 600-1145
"Utah sand drilled" 1145-1292

Screen
2" pipe 672'
from bot up



Well No. H 7

CALHOUN

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

H 300

H 7

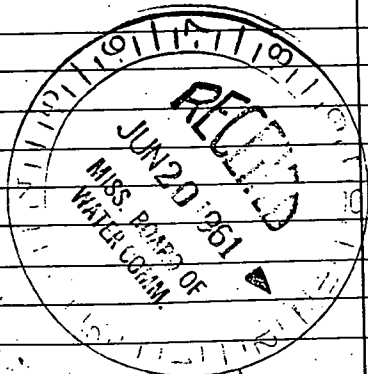
5-16-61

WATER WELL DRILLERS LOG

Calhoun

Date: 5-16, 1961, Driller: N. S. Ashby County: Calhoun

(1) Owner of Land: <u>Henry E. Bailey</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>R. F. D. Vardaman Miss</u> (Address)	<u>Joint clay</u>	<u>20</u>	<u>20</u>
(2) Location: <u>1/4, 1/4, Sec. 15 T. 13 R. 1 E.</u>	<u>Black sand Rock.</u>	<u>20</u>	<u>21</u>
<u>6</u> miles <u>North</u> , of <u>Vardaman</u> (distance) (direction) (Nearest Town)	<u>Black shale from 21'</u>		
(3) Topography: <u>X</u> (Hilly) (Flat) (Level)	<u>down to 336'</u>	<u>336'</u>	<u>356</u>
(4) Purpose of Well: <u>X</u> (Domestic Irrigation Municipal, Industrial, Other)	<u>Blue Rock.</u>	<u>169'</u>	<u>525</u>
Information upon completion of well:	<u>White sand, coarse no</u>		
(1) Diameter <u>4</u> inches.	<u>Water</u>	<u>75'</u>	<u>600</u>
(2) Total Depth <u>1292</u> feet.	<u>from 1145' to 1145'</u>		
(3) Water Level <u>126</u> feet below top of ground.	<u>1145' Blue Rock.</u>	<u>545'</u>	<u>1145'</u>
(4) Cased to <u>640'</u> , Size <u>4"</u>	<u>Utah Sand Drilled</u>	<u>147'</u>	<u>1292'</u>
(5) Screen: Size <u>2" Pipe</u> , Length <u>672'</u>	<u>Pumping 500 gal per</u>		
(6) Were any formations sealed against pollution? <u>X</u> yes, _____ no.	<u>hour 40' drawdown</u>		
If YES depth of formation <u>35'</u>			
Why <u>Mural Water</u>			
Drillers Remarks:			



Well No.

(Use Back Side)

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.