Masters Card

Record by: WTO
Source of data: MSGS
Date: 10/72
Map: 51

State: KH
County: Newton
Township: 28

Latitude: 32° 47' 0" T N
Longitude: 88° 10' 13.9" W

Well number: 10641AC36016N12E
Local use: 184028

Owner or name: Hickory
Address: M

Ownership: County, Fed Corp, City, Corp or Co, Private, State Agency, Water Dist
Use of Water: Stock, Inst, Unused, Repurpose, Recharge, Diesel-Fuel, Diesel-other

Data Available: Well data, Freq, W/L meas
Hyd. lab. data: Field aquifer char
Qual. water data: type
Freq. sampling: yes
Pumpage inventory: no
Aperture cards: yes
Log date: 10/14/74

Well-Description Card

SAME AS ON MASTER CARD: depth well: 374 ft

Casing type: Diam: 8"

Finish: concrete, (perf.), (screen), gallery, end,
Method: air, bucket, cent, jet, (cent.)
Power: diesel, elec, gas, gasoline, hand, gas, wind

Date Drilled: 9-15-72, 9-7-72
Pump intake setting: ft
Driller: Huller
Lift (type): Deep Shallow
Power: LP

Alt. LSD: 324
Water level: 16
Yield: 15 gpm
Chloride: ppm
Hard.: ppm
Sp. Conduct: X 10^6

Taste, color, etc.
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 0:3

Drainage Basin: 13:3

Subbasin: 4

Topography of well site:
- Depression, stream channel, dunes, flat, hilltop, sink, swamp
- Offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:
- System: T
- Series: E
- Aquifer, formation, group: M:W

Lithology:
- Length of well open to: 40 ft
- Depth to top of: 310 ft
- Aquifer Thickness: 14 ft

MINOR AQUIFER:
- System: 
- Series: 
- Aquifer, formation, group: 

Lithology:
- Length of well open to: 
- Depth to top of: 
- Aquifer Thickness: 

Intervals Screened:
- Depth to consolidated rock: 
- Source of date: 
- Source of date: 

Surficial Material:
- Infiltration characteristics: 

Coefficient:
- Frame: 
- Coefficient: 
- Storage: 

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

pH: 8.6
Color: 5
CL: 1.5
Hard: 10
Fe: < 1.0

Vary unusual for Meridian, Upper in area E to east. Wilcox at Chunky in area E to west. 2 rep tests.
Department of Environmental Quality  
Office of Land and Water Resources  

Ground Water Permit  
General Report

Permit Number: MS-GW-02440

County: NEWTON  
Owner: HICKORY, TOWN OF

Aquifer: MUWX  
USGS No: L0064  
BOH No: 0510006-01

Location: SE 1/4 of the SW 1/4 of SEC 36  
TWN 06N  RNG 12E  
Lat: 3218527  Long: 890131

Quad: HICKORY  
District: N/A

Date Issued: 22-APR-86  
Date Renewed: 13-AUG-96  
Date Expired: 22-APR-06

Applicant: HICKORY, TOWN OF

Address 1: P. O. BOX 10
Address 2: N/A
Address 3: N/A
City: HICKORY
State: MS  Zip: 39332.

Driller: GRINER DRILLING

Owner: HICKORY, TOWN OF

Address 1: P. O. BOX 10
Address 2: N/A
Address 3: N/A
City: HICKORY
State: MS  Zip: 39332

Maximum Rate: 150
Amount Withdrawn Acre feet: 22.4064
Amount Withdrawn Mgd: .02

Use  
FIRE PROTECTION  
MUNICIPAL

Casing  
Type: STEEL  
Diameter: 20
Length: 10

Screen  
Type: STAINLESS STEEL  
Diameter: 6
Length: 40
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Emmett	DATE: 4/22/96
UNIT DEQ #: 			FILE #: AO42220A
HEALTH DEPT. #: 51006 -01	ELEV. 323
USGS #: L-64		OLWR #: GW-02440
OWNER: Town of Hickory
LOCATION: NE SE SW S 36 T 6N R 12E COUNTY: Newton
LOCATION DESCRIPTION: NW of Orange Caboose 12

town square

CASING DIA: 6" PUMP TYPE & SIZE: Sub.
GPS FIELD LOCATION: LAT. 32°19.546' LONG. 89°01.483'
GPS CORRECTED LOCATION: LAT. 32.314295 LONG. 89.025363
REMARKS: Hickory Quad.

321851
890131