WELL SCHEDULE

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD

Record by L.A. Callahan of data obtained 12/5. Date 4/66 Map
State
County (or town) Newton
Latitude: 32° 34' 12" N
Longitude: 91° 0' 7" W
Sequential number: 1
Lat-long accuracy: T, R, N, S, E, W
Local well number: B01 3-10 11 12 14 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79
Local use: 06:4:0:0:0 1:6:7:2:0
Owner or name: Union
Address: Union, Miss.
Use of water: Air cond, Bottling, Comm, Dec, Welch, Power, Fire, Dom, Ind, Us, P.S., Rec.
Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdrawn, Used, Destroyed

DATA AVAILABLE:
Well data: Yes
FREQ. W/L meas.: Field aquifer chart: No
Hyd. lab. data: Yes
Qual. water data: Yes
FREQ. sampling: Yes
Aperture cards: Yes
Log data: No

WELL DESCRIPTION CARD

SAME AS ON MASTER CARD: Depth well: 323 ft
Depth cased: 303 ft
Casing type: Steel
Accuracy: 12x8 in
Finish: gravel, v. concrete, open, open
Method: Drilled
Drilled by: J. A. Callahan

Lift: air, bucket, cent, jet
Power: Gas, gasoline, hand, gas, wind

Descrip. HP: 4.70.59
Accuracy: Instrument
Alt. LSD: 4.71

Level: 106.8 ft
Date: 3-5-67
Yield: 5.20 gpm
Drawdown: 0.7
QUALITY OF WATER: Iron 29 ppm
Sulfate 15 ppm
Chloride 32 ppm
Hardness 60 ppm
Sp. Conduct: 131 K x 10^6
Temp: 64° F
Date sampled: 3-5-67
Taste, color, etc.
MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: October, 1966, Driller: Layne-Central Co., County Newton

1. Owner of Land: Town of Union
   Address: At water tank, Union, Mississippi
2. Location: 1/4, 1/4, Sec. 1, T 8 R 1
   Distance: _______ miles, _______ of _______ (direction) (Nearest Town)
3. Topography: _______ (Hilly) _______ (Flat) _______ (Level)
4. Purpose of Well: Municipal (Domestic Irrigation Municipal, Industrial, Other)

Information upon completion of well:
1. Diameter: _______ inches.
2. Total Depth: _______ feet.
3. Water Level: _______ feet below top of ground.
4. Cased to: _______ feet, Size _______ 
5. Screen: Size _______ inches, Length _______ feet.
6. Were any formations sealed against pollution? _______ yes, _______ no.
7. ES depth of formation: _______'

Drillers Remarks:

All this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): 4AR 1DRS          DATE: 7/13/94
UNIT DEQ #: 82859            FILE #: A071216B
HEALTH DEPT. #: 510011-02    ELEV. 460
USGS #: B5                    OLWR #: GW 01895
OWNER: Town of Union
LOCATION: S 1 T 8N R 11E COUNTY: Newton
LOCATION DESCRIPTION: SW corner of water main
(Calley that plant is located on)
CASING DIA: 10"        PUMP TYPE & SIZE: Turbine, 30
GPS FIELD LOCATION: LAT. 32-34-2204 LONG. 89-07-2894
GPS CORRECTED LOCATION: LAT. 32.570447 LONG. 89.121470
REMARKS: Main St. + Front St. Alley south of main

#1 AB now using #3

Front St. / Horse

Union E. Quad
32 34 14
89 07 18
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-01895

County: NEWTON
Owner: UNION, TOWN OF
USGS No: B0005
BOH No: 0510011-02

Aquifer: MUWX

Location: SE 1/4 of the NE 1/4 of SEC 01

TWN 08N RNG 11E
Lat: 32°34'41" Long: 89°07'18"

Quad: UNION EAST
District: N/A

Date Issued: 11-MAR-86
Date Renewed: 09-APR-96
Date Expired: 11-MAR-06

Applicant: UNION, TOWN OF
Address 1: 404 BANK STREET
Address 2: N/A
Address 3: N/A
City: UNION
State: MS Zip: 39365
Driller: LAYNE CENTRAL

Owner: UNION, TOWN OF
Address 1: 404 BANK STREET
Address 2: N/A
Address 3: N/A
City: UNION
State: MS Zip: 39365

Maximum Rate: 400
Amount Withdrawn Acre feet: 134.4383
Amount Withdrawn Mgd: .12

Use
MUNICIPAL

Casing
Type: STEEL
Diameter: 18
Length: 201

Screen
Type:
Diameter: 10
Length: 50
Map center is 32° 34' 14"N, 89° 07' 18"W (WGS84/NAD83)

Union East quadangle

Projection is UTM Zone 16 NAD83 Datum

M = -0.329

G = -1.143