

6W00462

653

Elog # 15

FORM 9-1642 (1-68)

Well No.

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Obs - driller Date 9/69 Map _____

State MISS. County (or town) ITAWAMBAO 2.8 2.9

Latitude: 34¹⁵07^N Longitude: 09⁸24³⁴ Sequential number: 3

Lat-long accuracy: 2⁰ T. 9⁰ R. 8⁰ W. Sec 36 SW SE t. SE t.

Local well number: 6053DD3609S08E Other number: _____ B & M

Local use: 021015 174 Owner or name: Town of Fulton for Mueller Brass Co

Owner or name: FULTON Address: Fulton, Miss.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) N

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data: _____

Qual. water data; type: _____ 6/72

Freq. sampling: Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes

Log data: Elog 4' - 171' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 171 Meas. rept. accuracy _____

Depth cased; (first perf.): _____ ft 115 Casing type: Steel Diam. 8" x 12" in

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

Method Drilled: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) H

Date Drilled: Sept 69 969 Pump intake setting: _____ ft _____

Driller: HERNDON - HOMAN SHANNON, MISS

Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 Trans. or meter no. _____

Descrip. MP 290 ft above below LSD, Alt. MP _____

Alt. LSD: 295 Accuracy: topo

Water Level _____ ft above below MP; Ft. below LSD 26 Accuracy: _____

Date meas: 174 Yield: _____ gpm 400 Method determined _____

Drawdown: _____ ft 43 Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct 100 K x 10⁶ Temp. 17.5 Date sampled 6/72

Taste, color, etc. pH - 6.0

NOV 14 1972

JAN 11 1974

PUNCHED

Well No.

653

WL = 53'
9/17/81

Well No. _____

G 53

Latitude-longitude _____

STATE OF IOWA

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
 Province: _____ Section: 03
 Drainage Basin: D Subbasin: 138

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G10

Lithology: US Origin: 3 Aquifer Thickness: >70 ft

Length of well open to: 70 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: _____

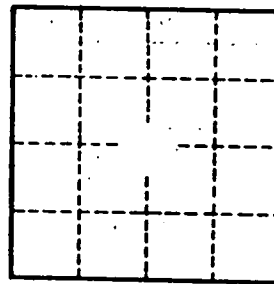
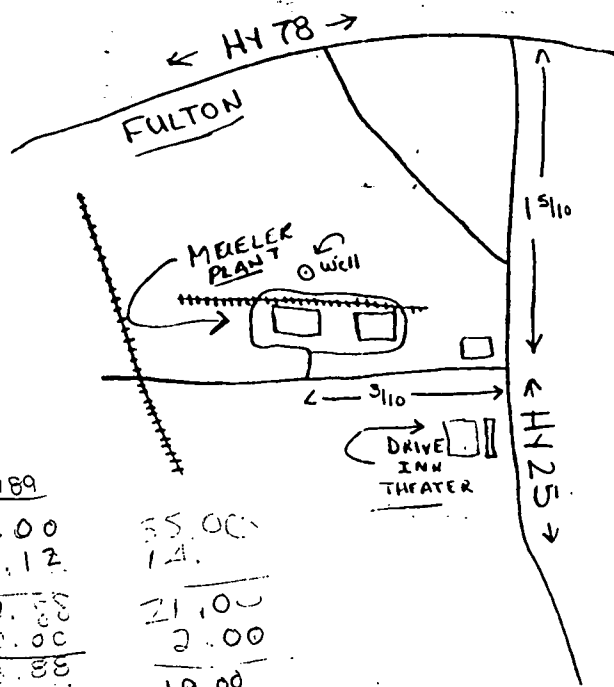
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 13,000 gpd/ft 133 Coefficient Storage: _____

Perm: 200 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



well = 10' rpt (1970)

Well No. _____

G 53

1989
 50.00 55.00
 29.12 14.
 20.88 21.00
 2.00 2.00
 18.88 19.00

COMPUTER INPUT DATA FORM FOR GROUNDWATER

PGW 00462
Permit No. ~~NGW 29070053~~
County Code 057 Itawamba
Date Notice Sent 7-12-85
Notice Returned _____, Delivered _____
(date) (date)
Date Application Rec'd 8-27-85
Date Original Permit Issued 9-10-85
Date Original Permit Expires 9-10-95
Well No. G53

Status Code 600 E05
Water Management District _____
Hydrologic River Basin 03160101
Date Renewal Notice Sent _____
Date Renewal Application Rec'd. _____
Date Renewal Permit Issued _____
Date Renewal Permit Expires _____
Date Use Verified _____ by _____

Applicant/User Fulton Water Dept
Address 213 West Wiygul
Fulton 38843

Landowner/Permittee _____
Address _____

Phone No. (601) 862-4945
64-6000373
S/S or Tax ID No. 29070024

Phone No. () _____
S/S or Tax ID No. _____

Amount of water permitted 0.432 AF/yr or MGD @ maximum rate of _____ gpm
Beneficial Use for IN

Amount of water permitted _____ AF/yr or _____ @ maximum rate of _____ gpm

Location: SE 1/4, SE 1/4, Section 36, Township 9S, Range 8E

Latitude: 34 15 09 : Longitude: 88 24 57 : Quadrangle: Fulton

Well Data: O.K. 29 9.6-95 LWM

Date Drilled 2-70-69
Surface elevation 275-270ft.
Depth 171 ft.
Casing diameter 12 inches
_____ inches
_____ inches

Initial depth to static water level 10 ft.
Date initial depth measured 2-70
Initial yield 400 gpm
Casing length 120 ft.
_____ ft.
_____ ft.

Type of casing ST

Type of Completion _____

Screen Data:

Screen Diameter 8 inches Length 49 ft. Depth to bottom 169 ft.
_____ inches _____ ft. _____ ft.
_____ inches _____ ft. _____ ft.
Screen Type SS Slot size _____

Pump Data:

Type & size of pump EP 15HP
Pump capacity 400 gpm
No. of stages 2
Setting Depth 140 ft.

Geologic Data:

Geologic Unit GORD
Subsequent depth to Static Water Level _____
Date Subsequent Depth Measured _____
Geophysical log VSGJ
Water analysis _____
Aquifer test _____
Thickness of sand unit _____ ft.
Depth to top of unit _____ ft.

Well Driller Name Herndon-Horman Well Supply

RETURN COMPLETED FORM TO
Bureau of Land and Water Resources
P.O. Box 10631
Jackson, Mississippi 39209
Telephone (601) 961-5200

RECEIVED

AUG 29 1985

Department of Natural Resources
Bureau of Land & Water Resources

For Office Use Only:	
County:	<u>Itawamba</u>
Date Received:	<u>8-29-85</u>
Permit No:	<u>MS-6W-00462</u>
Quad Map:	<u>Fulton</u>
Water Management Dist:	
Hydrologic River Basin:	<u>03160101</u>

**NOTICE OF CLAIM FOR CONTINUED USE
OF SURFACE/GROUND WATERS FOR BENEFICIAL USE**

Pursuant to the laws of the State of Mississippi; namely §51-3-5 (2) or (3), as amended, I, the landowner, _____

FULTON WATER DEPT. (Name) 64-6000373 (S/S or Tax ID No.)

213 WEST WYUGUL (Address) FULTON (City or Town) MISS 38843 (State and Zip)

(601) 1862-4945 (Telephone Number), do hereby file claim for the continued use of: (circle one)

surface water; ground water for the following beneficial use: (circle one or more)

municipal; Irrigation; recreation; livestock water; fish culture; industrial

Other _____ (Specify)

1. Name & Address of agent or applicant if different from landowner.

SAME (Name) _____ (S/S or Tax ID No.) _____ (Address)

(City or Town) _____ (State and Zip) _____ (Telephone Number)

2. Location of point of diversion/withdrawal (include location map with claim)

SE 1/4 of SE 1/4 of Section 36, Township 9S, Range 8E, County ITAWAMBA

3. Volume of water diverted/withdrawn:

(1) _____ acre feet per year, diverted/withdrawn at a maximum rate of 300 gallons per minute; or
(2) 432 million gallons per day, diverted/withdrawn at a maximum rate of 300 gallons per minute.

4. Description of lands on which water will be used:

(a) Copy legal description of property upon which water is to be used (may be copied word for word from your deed).

Attach separate sheet if necessary NA

(b) Has the above described land any water right or source of water supply other than that herein applied for?

(Water Rights Number(s) NA) Describe the nature and amount of any additional supply NA

SECTION A (to be completed if source of water is from surface supply)

1. Prior water rights permit/license number NA, dated NA.

2. Source of supply is NA which drains into NA
NA which drains into NA

3. Description of diversion works:

(a) Water obtained directly from stream: NA (Name)

Pump _____ (Size and type) Power Unit _____ (Size and type)
Lift _____ ft. Maximum capacity _____ gpm

(b) Storage reservoir _____ (Name)

Height of dam _____ feet. Surface area at normal pool _____ acres

Storage capacity at normal pool _____ acre feet

SECTION B (to be completed if source of water is from underground supply)

1. Source of supply: Gordo formation Tuscaloosa strata aquifer(s)

2. Description of water well:

(a) Well data: (1) Date well completed 1969 (2) Depth drilled 170' feet (3) Type of completion December 1969 (4) Surface elevation 270 feet

(b) Screen data: (1) Depth to bottom 140 feet (2) Length 30' feet (3) Diameter 8" inches (4) Type STAINLESS STEEL (5) Slot Slugs .025 inches

(c) Casing data: (1) Length(s) 120' feet; Diameter(s) 10" inches (2) Type sted Bitumastic Coating

(d) Pump data: (1) Type & Size Diameter 10" (2) Capacity 400 G.P.M. gpm (3) No. stages 2 (4) Setting depth 140' feet

Well Driller Herndon Well & Supply (Name of Company)



WATER USE DATA

1. IRRIGATION use: (a) Show number of acres to be irrigated by 40-acre blocks:

TOWN-SHIP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

(b) List the acres to be irrigated: Rice _____; Cotton _____; Corn _____; Pasture _____; Truck _____; Other crops (_____) _____ acres.

2. If for MUNICIPAL use: (a) Present population 3,200, (based on 1982 Census)
 (b) Estimated average daily consumption during periods of maximum use at the end of each five-year period in next twenty years:
750,000 1982 , 800,000 1987 850,000 1992 900,000 1997

3. If for INDUSTRIAL use: (a) If water is to be released into a watercourse, indicate: Amount released each year _____; rate of release _____; location of release point in reference to diversion point _____ (show location on map)
 (b) Explain any change in quality of water to be released: NONE

4. If for RECREATIONAL use: Explain how water will be used water used on park for grass

5. If for FISH CULTURE use: (a) Explain in detail how water will be used _____
 (b) Number of times reservoir will be emptied and filled annually: _____

6. If for ANY OTHER use: (a) Explain in detail _____

REMARKS _____

List below the name and address of person to be contacted for additional information, if required.
Dan Pate (Name)
P.O. Box 54 (Address)
Fulton, Miss. 38843

The accompanying map is hereby declared a part of this application.
Dan Pate (Signature)

Subscribed and sworn to before me this 28 day of Aug, 1985, at Fulton
 County of Ottawa, Mississippi. My commission expires 8-27-1989

Judy Rabone Notary Public