

ID 310406089112731

WRD Exp. (GW)
April 1966

Well No. 417

WELL SCHEDULE

E-109 #66

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Jac Source of data _____ Date _____ Map Brooklyn
State 28 County (or town) 32 18

Latitude: 31° 04' 06" N Longitude: 08° 9' 11" W Sequential number: 1

Lat-long accuracy: 2 T. 1 S, R. 12 W Sec 10, NE 1 NW 1 NW 1

Local well number: 4017BB1001N12W Other number: _____ B & M

Local use: 038066 566 22 Owner or name: BROOKLYN WATER ASSN

Owner or name: BROOKLYN WATER ASSN Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, -Destroyed. 2011

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

Hyd. lab. data: _____

Qual. water data; type: MSBOH Complete 4-28-66

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

Aperture cards: _____

Log data: BOWC

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 580 ft Meas. rept. accuracy 6

Depth cased: (first perf.) 540 ft Casing type: _____; Diam. 8x6 in

Finish: porous concrete, gravel w. concrete, (perf.), (F) gravel w. (screen), (H) horiz. gallery, end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, other 5

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd, (H) jetted, (J) air rot., (P) reverse percussion, (R) rotary, (T) trenching, (V) driven, (W) drive wash, other H

Date Drilled: 9.6.6 Pump intake setting: _____ ft

Driller: Dean Griner name address _____ Deep S Shallow

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, multiple, multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other S

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 Trans. or meter no. 7

Descrip. MP Hole in Seal #2 ft above below LSD, Alt. MP _____

Alt. LSD: 2.18 Accuracy: (source) _____

Water Level: 81.79 ft above below MP; Ft below LSD 9.0 Accuracy: _____

Date meag: 7.6.6 Yield: 240 gpm Method determined 1

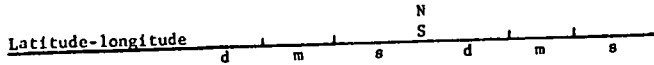
Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron 3 Sulfate 14.5 Chloride 7.0 Hard. 28 Sp. Conduct 210 K x 10⁶ Temp. 74 Date sampled 4-28-66

10/15/81
WL-104.29

Well No.

417



HYDROGEOLOGIC CARD

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

D Drainage Basin: 13Q Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (Ø) offshore, pediment, hillside, terrace, undulating, valley flat S

MAJOR AQUIFER: TM aquifer, formation, group HA

Lithology: S Origin: 3 Aquifer Thickness: _____ ft

170 Length of well open to: _____ ft 40 Depth to top of: _____ ft 283

MINOR AQUIFER: _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: .01755 Seven

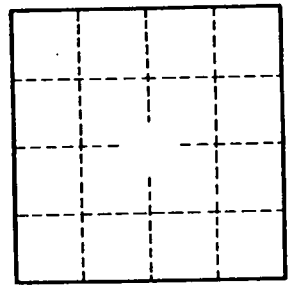
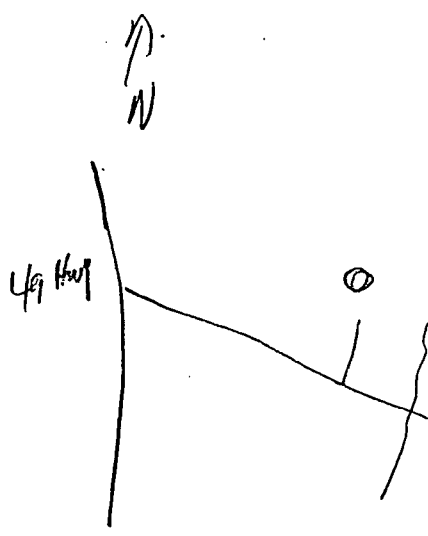
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 230,000 gpd/ft 234 Coefficient Storage: _____

Coefficient Perm: 1350 gpd/ft²; Spec cap: 22 gpm/ft; Number of geologic cards: _____



Well No.

L17

Forrest

L17

1-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 1/26, 1966, Driller: Dean Griner County Forrest

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: Brooklyn Utility Assoc. Inc. (Name) Well # 1 (Address)		Top Soil	10	10
		Sand	32	42
(2) Location: NW 1/4, NW 1/4, Sec. 10 T12R12		Blue shale	82	124
		Sand + shale	16	140
		Blue shale	143	283
		Coarse Sand	167	450
		shale	TD	464
(3) Topography: (Hilly) (Flat) (Level)				
(4) Purpose of Well: (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 _____, Size _____				
(5) Screen: Size _____, Length _____				
(6) Were any formations sealed against pollution? _____ yes, _____ no.				
If YES depth of formation _____				
Why _____				
Drillers Remarks: _____				
Yield in gpm: _____				
Size pump: _____				
Type power: _____				

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

RECEIVED #1
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

AUG 10 2000

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39289-0631 (601) 961-5202

Office of Land & Water Resources
 FORM DEWR-AP-2 (REV. 9/94)

This box is for office use only.

Issued: <u>1-22-91</u>	Expires:	Fee Paid: <u>10.00</u>	Permit No.
Lat. <u>31-04-07</u>	Long. <u>89-11-36</u>	Elev. <u>210</u>	USGS No.
Quad. <u>Brooklyn</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** RENEWAL - PERMIT NO. GW 12930

THIS APPLICATION IS FOR (Circle one): **GROUNDWATER - COMPLETE A,B,E**
SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water, or Private Water 2) Irrigation
 3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant)
 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: Standby

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Brooklyn Utility Association 64-0618853
 (Name) (SSN or Tax ID No.)

P. O. box 69
 (Address)

Brooklyn MS 39425 (601) 582 - 1948
 (City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner): (601)362-7450 Alford Engineering

Same as above
 (Name) (SSN or Tax ID No.)

No map?
 (Address)

(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):
NW 1/4 of the NW 1/4 of Section 10, Township 1N, Range 12W, County Forrest

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? **YES** **NO** If yes, describe the nature and amount of any additional supply and, if applicable, list permit number.

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 180014-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
 If well has already been drilled, when was well completed (date)? _____, 19 64. Under whose name was well originally drilled (if known)? Dean Griner (driller) - Brooklyn

3. Description of proposed or completed well:
 (a) DEPTH OF WELL: 580 ft. feet. DRILLER: Dean Griner Well Service
 (b) SURFACE CASING: Length 535 ft. feet; Diameter 8 5/8 inches; Type steel
 (c) SCREEN: Length 40 feet; Diameter 12 slot 6 inches; Type mustang WW
 (d) PUMP: Type submersible; Capacity 175 gallons per minute; Setting depth 168 feet
 (e) POWER UNIT: Type electric; Size 15 horsepower

4. PERMITTED VOLUME:
 (a) _____ gallons per year at a maximum rate of _____ gallons per minute
 (b) 0.0 million gallons per day at a maximum rate of 175 gallons per minute

(CONTINUED ON BACK)

SECTION C (to be completed for SURFACE WATER SOURCE)

1. Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
2. Discription of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
3. _____ acre-feet per year at a maximum rate of _____ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS (DAMS) on continuously flowing streams)

1. Name of storage reservoir: _____ Dam Height: _____ feet
2. Surface area at normal pool: _____ Storage capacity at normal pool: _____ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)

1. **IRRIGATION:** List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Oats _____; Corn _____; Soybeans _____; Pasture _____; Truck _____; Wheat _____; Grain Sorgum _____; Other (specify) _____ Acres _____
A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
B. Land Condition (circle one) - Precision Land Formed Smoothed
C. ASCS Farm No. _____ Tract No. _____
2. **FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____
3. **MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
Chose "a" or "b". (a) The number of people served is _____ or (b) The number of connections is _____
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)
4. **INDUSTRIAL:** If the water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; NPDES Permit No. _____
Explain any changes in quality of water to be released: _____
Explain how water will be used: _____
How much groundwater will be used for once-through non-contact cooling? _____
5. **RECREATION:** Explain how water will be used: _____
6. **OTHER USE:** Explain in detail (if needed, attach another page): _____
7. **REMARKS:** _____

X List below the person to be contacted for additional information if required.

Ruby Dillon (certified operator)
(Name)
85 Scenic Drive
(Address)
Nathesburg, Ms 39401
(City, State, Zip)
601-582-3453
(Telephone)

The accompanying map is hereby declared a part of this application.
For irrigation and fish culture use, an ASCS photograph is required.
The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.
Brooklyn Utility Association

Eugene S. Casey
(Signature)

Subscribed and sworn to before me this 4 day of August, 2000, at Forest County of Mississippi
My commission expires Feb. 8, 2004; Ruby Mae Dillon Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Horvbeak SH Bishop + CA Horvbeak DATE: Brooklyn Quad
6/5/96
UNIT DEQ #: 82859 / 82859 FILE #: B060521B
A060823B
HEALTH DEPT. #: 180014-01 ELEV. 210
USGS #: Z-138 L17 OLWR #: 12930
OWNER: Brooklyn Water Association
LOCATION: NG -NW-NW S 70 T 1 N R 12 W COUNTY: Forest
LOCATION DESCRIPTION: Well Located 1.1 mi. SE of New Hwy 49
on old Hwy 49w. 8mi North of Brooklyn.
CASING DIA: 8" PUMP TYPE & SIZE: Sub.
GPS FIELD LOCATION: LAT. 31° 04.072 LONG. 89° 11.365
31° 04.130 89° 11.646
GPS CORRECTED LOCATION: LAT. 31.06870045 LONG. 89.19378187
REMARKS: GPS Located at well

