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Date 11-1-91

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 152
County GREENE
Agency ---

Well No. L28
Well # 4

WELL RECORD

Agency Code U S G S Site Id 13111141018181371381011 Project No. 5111111111

Station Name 12 L01281 GREENE COI WA Latitude 931114401 Longitude 1040181371381

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0411 Land Net 13 MWSWS1017110131N1R1016W1

Location Map 14= JTOINAH thalm IQIWA1011 Altitude 16=19151 Met/Meas 17= A L (U) Accuracy 18= 15T Hydrologic Unit 20= 0311710101013

335A

Agency Use 803 A I O Date Inventoried 711 / / Station Type Y Data Type 804

Instru. 805 Remarks 806 Relia. 3= C L M (U) 2= W X

Date of Construction 21= 03 / 22 / 1991 Well Use 23= A Water Use 24= P Primary Aquifer 714= 122MPC1N1 Hole Depth 27= 3381

Well Depth 28= 334 Water Level 30= 172 Water Level Date 31= 09 / 23 / 1991 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

Construction Date 60= 09 / 23 / 1991 Contractor 63= 0601 Name Rayborn Method 65= A Finish 66= 01

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77	81	78	79
R=76	T=A	725#2	59#1	77	81	78	79

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83	84	87	85	89	88
R=82	T=A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43= S Date 38= 09 / 23 / 1991 Intake 44=

Power 45= E H.P. 46= 1101 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 09 / 23 / 1991 Owner Name 161= GREENE COI WA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 152 Assigner 191= M I S S I D I S T

Beat III WA

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Temp 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Sp Cond 196#00095	Value 197
R=192	T=A	738#3	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	pH 196#00400	Value 197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E *	Req. Depth 200 *	End Depth 201 338 *
R=198	T=A	739#1	Log Type 199# *	Req. Depth 200 *	End Depth 201 *

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Req. Year 115 4 9 *	End Year 116 4 9 *	Agency Source 120=A 117# *	Freq. 118 *
R=121	T=A	730#2	Req. Year 115 4 9 *	End Year 116 4 9 *	Agency Source 117# *	Freq. 118 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 / / *	Remarks 185 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 3 11 23 11 9 9 *	Type 703 = P	Discharge @ 21# 150 *	Sp. Capacity 272 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 *	Depth Bot. 92 *	Unit Id 93 122MFCIN *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 *	103 *
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FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sand with Shell breaks	160	162	Sand	452	452
Sand	160	183			
chall	183	196			
Sand	196	236			
Shale	236	292			
Sand	292	300			
Shale	300	310			
Sand	310	332			
Shale	332	378			
Sand fine	378	452			
Shale Break	452	458			

P. O. Box 10631
39289-0631
WELLERS LOG

3538

Flowing Well.

Butane.
25

FT.

GPM with
ft.

f pumping

No Log Run.
Neutron.

, Inc.

Only

Depth to Top

Aquifer Test

OM TO

310

Quality
SOL CBS

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <i>Greene County</i>	
WELL NUMBER <i>L28</i>	CODP <input checked="" type="checkbox"/>
DATE WELL COMPLETED <i>11-27-90</i>	

PERMIT NUMBER <i>0-60</i>
NAME OF DRILLING FIRM <i>Raybern Drilling</i>
<i>Natchez, MS</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Boat III Greene County</i>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<i>7</i>	<i>3</i>	<i>N 6 W</i>
DISTANCE	DIRECTION	NEAREST TOWN	
	Miles	of	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P		
Pump Capacity (GPM)	No. of Stages	Setting Depth
		FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <i>458</i>	Casing Diameter (In) <i>10"</i>	Casing Length (Ft.)
Type of Casing	Hole Depth	Depth to Static Water Level
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
Screen Type	Depth to Bottom - Feet	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Sand with shell breaks</i>	<i>0</i>	<i>160</i>	<i>Sand</i>	<i>458</i>	<i>550</i>
<i>Sand</i>	<i>160</i>	<i>183</i>			
<i>Chalk</i>	<i>183</i>	<i>196</i>			
<i>Sand</i>	<i>196</i>	<i>236</i>			
<i>Shale</i>	<i>236</i>	<i>292</i>			
<i>Sand</i>	<i>292</i>	<i>300</i>			
<i>Shale</i>	<i>300</i>	<i>310</i>			
<i>Sand</i>	<i>310</i>	<i>337</i>			
<i>Shale</i>	<i>337</i>	<i>378</i>			
<i>Sand fine</i>	<i>378</i>	<i>457</i>			
<i>Shale Break</i>	<i>457</i>	<i>458</i>			

RECEIVED
MAR 08 1995
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

FORM BLW-AP-1

RETURN COMPLETED FORM TO:

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

ISSUE - 12 JUNE 90

EXPIRES - 12 JUNE 00

L28

RECEIVED
APR 24 1990
Department of Natural Resources
Bureau of Land & Water Resources
fee paid

MOON

31°40' 88°37'31"

For Office Use Only:	
County:	GREENE
Priority Date:	
Permit No.:	GW-12564
Quad Map:	JONATHAN
Water Management Dist:	
Hydrologic River Basin:	03170003

ELEVATION → 180

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

Pursuant to the laws of the State of Mississippi, namely §51-3-5 (1), as amended, I, the landowner, _____

Beat III Greene County water System, Inc. 64-0522415

Route 1, Box 228 (Address) Richton (City or Town) Mississippi 39476 (S/S or Tax ID No.) (State and Zip)

(601) 989-2444 (Telephone Number), do hereby make application for permission to use: (circle one)

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

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

Other Rural Water Association (Specify)

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

Same (Name) Same (S/S or Tax ID No.) Same (Address)
Same (City or Town) Same (State and Zip) (601) Same 989 2444 (Telephone Number)

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

NW ¼ of SW ¼ of Section 7, Township 3N, Range 6W, County Greene

3. Volume of water diverted/withdrawn:

(1) _____ acre feet per year, diverted/withdrawn at a maximum rate of _____ gallons per minute; or
(2) .1 million gallons per day, diverted/withdrawn at a maximum rate of 250 gallons per minute.

4. Construction of proposed work will begin May 28, 1990

5. Estimated date of completion October 8, 1990

6. Water will be used from January 1 to December 31 each year (Month) (Month)

7. 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 See attached "Quadrangle Map"

Water shall be used in the rural community in Greene County

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

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

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

1. Source of supply is _____ which drains into _____

2. Description of diversion works:

(a) Water obtained directly from stream: _____ (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: Miocene aquifer(s)
2. Description of water well:
- (a) **Proposed Well Data:**
Estimated depth to be drilled 400 feet
- (b) **Proposed Screen Data:**
(1) Estimated Length 30' ft. (2) Estimated Diameter 8 inches
(3) Proposed Type Stainless Steel (4) Proposed slot size .06 inches
- (c) **Proposed Casing Data:**
(1) Estimated Length 360 ft. (2) Estimated Diameter 12" inches
(3) Proposed Type Black Steel API Standard Grade 5L Grade B
- (d) **Proposed Pump Data:**
(1) Estimated Type & Size Turbine 40HP (2) Estimated Capacity 250 gpm
(3) Estimated No. of Stages 8 (4) Estimated Setting Depth 340 ft.
Well Driller Not known at the present (Will advertise for bids)
(Name of Company)

WATER USE DATA

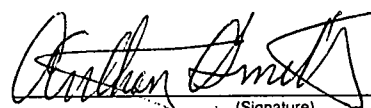
1. IRRIGATION use: (a) Show number of acres to be irrigated by 40-acre blocks: N/A

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 150, (based on 19____ Census)
(b) Estimated average daily consumption during periods of maximum use at the end of each five-year period in next twenty years:
28,750 19 95 ; 33,062 ~~19~~ 2000 ; 38,021 ~~19~~ 2005 ; 43,724 ~~19~~ 2010
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 N/A
(show location on map)
(b) Explain any change in quality of water to be released: _____
4. If for RECREATIONAL use: Explain how water will be used N/A
5. If for FISH CULTURE use: (a) Explain in detail how water will be used N/A
(b) Number of times reservoir will be emptied and filled annually: N/A
6. If for ANY OTHER use: (a) Explain in detail _____

REMARKS None

List below the name and address of person to be contacted for additional information, if required.
Mr. Anthony Smith
Beat 111 Greene County Water System, Inc.
(Name)
Route 1, Box 228
(Address)
Richton, Mississippi 39476

The accompanying map is hereby declared a part of this application. Ten dollar (\$10.00) fee herewith enclosed.

(Signature)
Anthony Smith, President

Subscribed and sworn to before me this 23rd day of April 19, 90, at Sand Hill MS.
County of Greene, Mississippi. My commission expires My Commission Expires Dec. 12, 1991
Charles Ziegler Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop DATE: 8-4-94
UNIT DEQ #: 82859 FILE #: D080417A
HEALTH DEPT. #: 210011-02 ELEV. 190
USGS #: L-9002 L28 OLWR #: GW-12564
OWNER: Reut 3 Green water assoc QUAD: Jonathan
LOCATION: NW / SE-NW S 7 T 3N R 6W COUNTY: Green
LOCATION DESCRIPTION: 1.3 mi North of ~~Key~~ Jonathan, ms.

CASING DIA: _____ PUMP TYPE & SIZE: _____
GPS FIELD LOCATION: LAT. 31°14.478 LONG. 88°37.961
GPS CORRECTED LOCATION: LAT. 31.241285 LONG. 88.632769
REMARKS: _____

GPS

JONATHAN QUADRANGLE
MISSISSIPPI-GREENE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3246 1 SE
(CLARK)

