

USGS well schedule missing

**WELL SCHEDULE  
FOR  
THE OFFICE OF LAND AND WATER RESOURCES**

Fips: 31

Well: K44

Log No: \_\_\_\_\_

Recorded by: Pat P. Data Source: Driller's log, permit Date: 11/29/2000

County: Covington Permit No.: GW15008 DOH No.: 160009-03

Quad: Williamsburg Elevation: 320 335

1/4: NW 1/4: SW 1/4: SE 1/4: NE Sec.: 33 T: 7N R: 15W

Plotted on quad?  In field?  From drillers log? \_\_\_\_\_ From permit? \_\_\_\_\_

Latitude: 31° 31' 54.87" Longitude: 89° 30' 55.47" GPS?  From quad? \_\_\_\_\_

Primary Aquifer: MOCN Secondary Aquifer: \_\_\_\_\_

Use: WA Well status: \_\_\_\_\_ Local Well Name: \_\_\_\_\_

Owner: Southwest Covington Utility Assoc.

Date completed: 7/8/96 Driller: Griner Drilling Well depth: 926 Hole depth: 956

Pump type: Turbine Power type: Electric Pump capacity: 650 gpm

Screen interval: \_\_\_\_\_ Screen length: \_\_\_\_\_ Screen diameter: \_\_\_\_\_

Screen interval: \_\_\_\_\_ Screen length: \_\_\_\_\_ Screen diameter: \_\_\_\_\_

Casing interval: \_\_\_\_\_ Casing length: \_\_\_\_\_ Casing diameter: \_\_\_\_\_

Casing interval: \_\_\_\_\_ Casing length: \_\_\_\_\_ Casing diameter: \_\_\_\_\_

Type of logs: \_\_\_\_\_ Log interval: \_\_\_\_\_

Initial water level(s): \_\_\_\_\_ Date: \_\_\_\_\_ Measuring point description: \_\_\_\_\_

Water Quality Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Level Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Pump Test Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water Use Data? \_\_\_\_\_ Source: \_\_\_\_\_ Reliability: \_\_\_\_\_

Water level data

This area for location map and notes

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED  
**Covington**

WELL NUMBER **R 44** CODED

DATE WELL COMPLETED  
**07-08-96**

PERMIT NUMBER  
**GN 15008**

NAME OF DRILLING FIRM  
**Griner Drilling**

**Service, Inc.**

NAME & MAILING ADDRESS OF LANDOWNER  
**Southwest Covington Utility Assn.**

**P.O. Box 160**

**Seminary MS 39479**

WELL LOCATION: SEC **33** TOWNSHIP **7** RANGE **15** [N] [S] [E] [W]

DISTANCE **2** Miles DIRECTION **South** of NEAREST TOWN **Seminary**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Municipal**

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 **100**

Pump Capacity (GPM) **650** No. of Stages **6** Setting Depth **240** FT.

PUMP TEST

Well yielded **517** GPM with  
a drawdown of **23.3** ft.  
after **24** hours of pumping

WELL DATA

Well Depth <b>926</b>	Casing Diameter (In.) <b>12</b>	Casing Length (Ft.) <b>850</b>
Type of Casing <b>steel</b>	Hole Depth <b>956</b>	Depth to Static Water Level <b>168</b>

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other

Top of Lap Pipe or Reduction in Casing  
**770** FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron.  
Other (Describe)

Name of Organization Running Log  
**Griner Drilling Service, Inc.**

SCREEN DATA

Diameter - Inches <b>8</b>	Length - Feet <b>60</b>	Slot Size - Inches <b>0.016</b>
Screen Type <b>Rod Base</b>	Depth to Bottom - Feet <b>926</b>	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sand	0	103	Clay	834	956
Clay	103	229			
Sand	229	264			
Clay	264	353			
Sand	353	419			
Caly	419	477			
Sand	477	639			
Clay	639	694			
Sand	694	792			
Clay	792	837			
Sand	837	934			

RECEIVED  
JUL 09 1996  
Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

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

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES  
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only.

FORM OLWR-AP-2 (REV 9/94)

Issued: <u>10-24-95</u>	Expires: <u>10-24-2005</u>	Fee Paid: <u>X</u>	Permit No. <u>GW-15008</u>
Lat. <u>31-31-59</u>	Long. <u>89-30-59</u>	Elev. <u>320</u>	USGS No. <u>K44</u>
Quad. <u>Williammurgy</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>03170004</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. \_\_\_\_\_

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. Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

**RECEIVED**  
SEP 13 1995  
Office of Land & Water Resources  
Dept. of Environmental Quality

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: Southwest Covington Utility Association, Inc. 016-02108-1  
(Name) (SSN or Tax ID No.)

P.O. Box 160  
(Address)

Seminary MS 39479 (601) 765 0307  
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

\_\_\_\_\_  
(Name) (SSN or Tax ID No.)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City) (State & Zip) (Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SE 1/4 of the NW 1/4 of Section 33, Township 7N, Range 15W, County Covington

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. Two existing +/- 200 gpm wells MSGW 12490 and 12491

**SECTION B** (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: \_\_\_\_\_

2. Proposed work will begin on December, 19 95, and will be completed by June 7-8, 1996

If well has already been drilled, when was well completed (date)? \_\_\_\_\_, 19 \_\_\_\_ Under whose name was well originally drilled (if known)? \_\_\_\_\_

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 925 926 feet. DRILLER: Unknown GRINER DRILLING SERVICE, INC  
(b) SURFACE CASING: Length 860 850 feet; Diameter 12 inches; Type: Welded Steel  
(c) SCREEN: Length 60 feet; Diameter 8 inches; Type: SS wire wrap ROD BASE  
(d) PUMP: Type VT TURBINE; Size 10"; Capacity 500 gallons per minute; Setting depth 240 feet  
(e) POWER UNIT: Type Combination ELECTRIC; Size 75 100 horsepower

4. PERMITTED VOLUME :

(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute  
(b) .61 .24 million gallons per day at a maximum rate of 500 gallons per minute

(CONTINUED ON BACK)

*JMM*  
*9-18-95*

**SECTION C** (to be completed for SURFACE WATER SOURCE)

- Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_  
which drains into \_\_\_\_\_  
(major stream or river)
- Description of pump/diversion works:  
Pump (size & type): \_\_\_\_\_ Power Unit (size & type): \_\_\_\_\_  
Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute
- \_\_\_\_\_ 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)

- Name of storage reservoir: \_\_\_\_\_ Dam Height: \_\_\_\_\_ feet
- 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)**

- IRRIGATION:** List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Oats \_\_\_\_\_; Corn \_\_\_\_\_; Soybeans \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Grain Sorghum \_\_\_\_\_; Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_

- Method of Irrigation (circle one) - Center Pivot Flood Furrow
- Land Condition (circle one) - Precision Land Formed Smoothed
- ASCS Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_

- FISH CULTURE:** Explain how water will be used: \_\_\_\_\_  
How often will reservoir (s) be emptied and refilled? \_\_\_\_\_

- 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 1000  
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?  

	<u>.47MGD</u>	<u>2000</u>	<u>.61MGD</u>	<u>2005</u>	<u>.77MGD</u>	<u>2010</u>	<u>.99MGD</u>	<u>2015</u>
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)

- 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? \_\_\_\_\_

- RECREATION:** Explain how water will be used: \_\_\_\_\_

- OTHER USE:** Explain in detail (if needed, attach another page): \_\_\_\_\_

- REMARKS:** \_\_\_\_\_

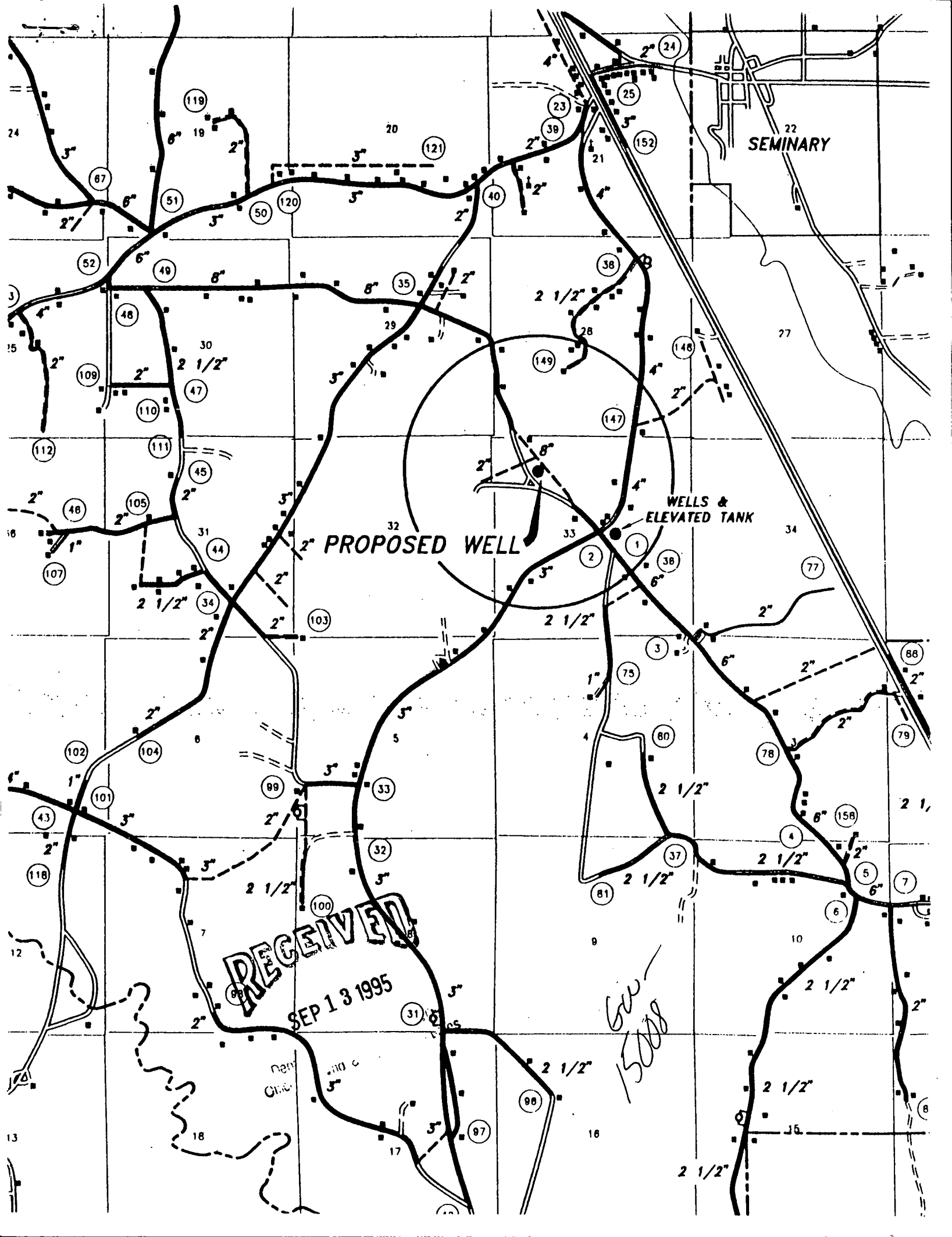
List below the person to be contacted for additional information if required.

Hugh Heflin  
(Name)  
P.O. Box 47  
(Address)  
Brandon, MS 39043-0047  
(City, State, Zip)  
601-824-7569  
(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.  
Southwest Covington Utility Association, Inc.

*Jahue M. Hughes, Inc.*  
(Signature)

Subscribed and sworn to before me this 12th day of Sept., 19 95, at Covington County of Mississippi  
My commission expires May 5, 1997; *Lynndia Parker Mathis* Notary Public.



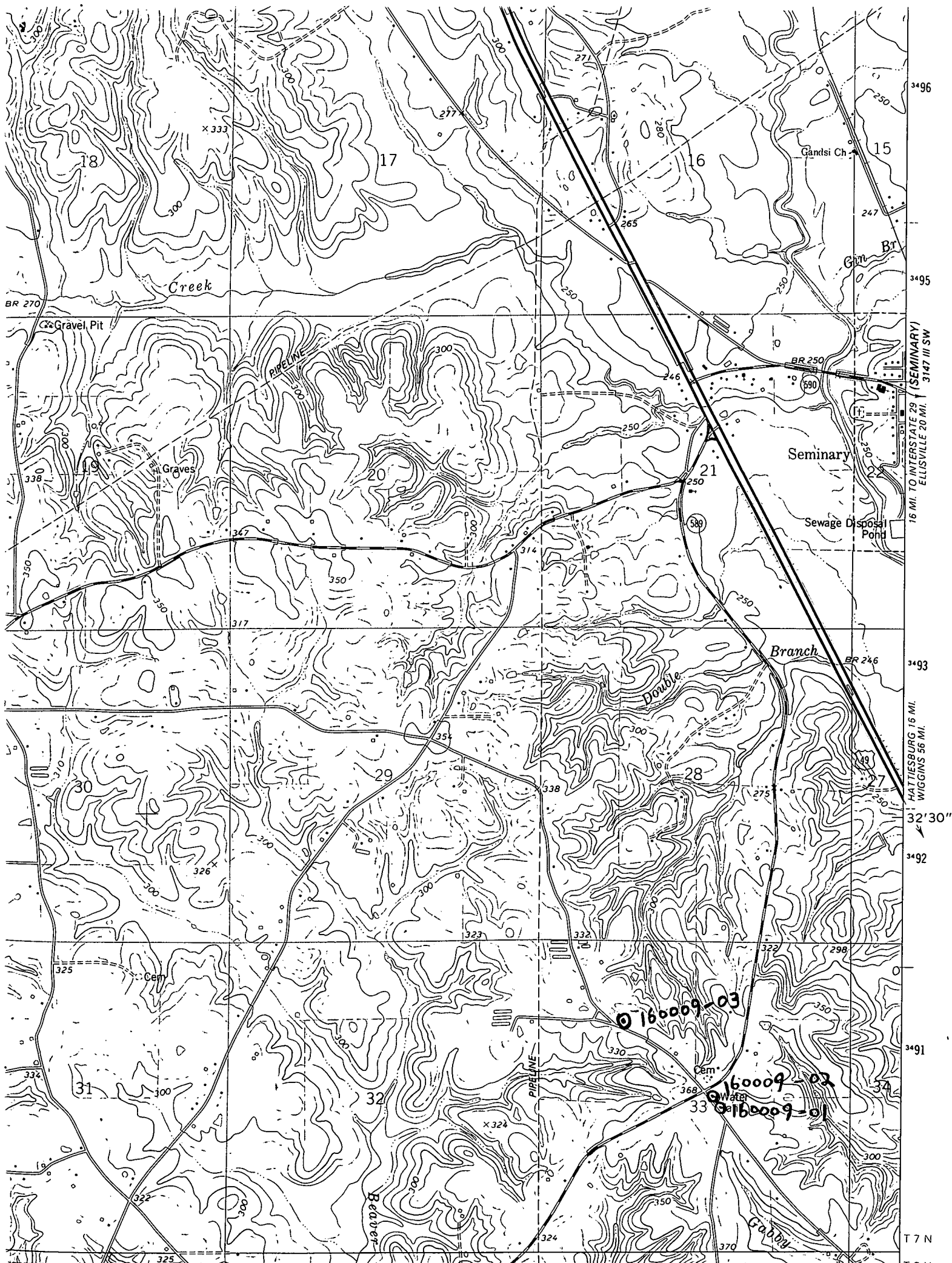
SEMINARY

WELLS & ELEVATED TANK

PROPOSED WELL

RECEIVED  
SEP 13 1995

600-15008



15 MI. TO INTERSTATE 29 (SEMINARY)  
ELLISVILLE 20 MI. 3147 III SW

HATTIESBURG 16 MI.  
WIGGINS 56 MI.

T 7 N  
T 6 N

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 7/19/96  
UNIT DEQ #: 82859 FILE #: B071919A  
HEALTH DEPT. #: 160009-03 (New well  
No tag) ELEV. 320335  
USGS #: K-44 OLWR #: MS-GW-15008

OWNER: Southwest Covington Water Assoc. QUAD: Williamsburg

LOCATION: <sup>NW/SE/NW</sup> SW-NE-NW S 33 T 7N R 15W COUNTY: Covington

LOCATION DESCRIPTION: ON NE side of Union Church Rd. .30 mi. NW of  
Intersection with Hwy 589. / 2.20 mi. SW of Hwy 49  
(Seminary)

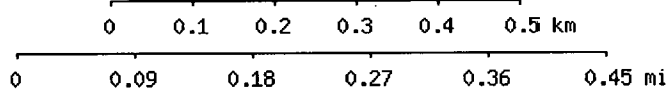
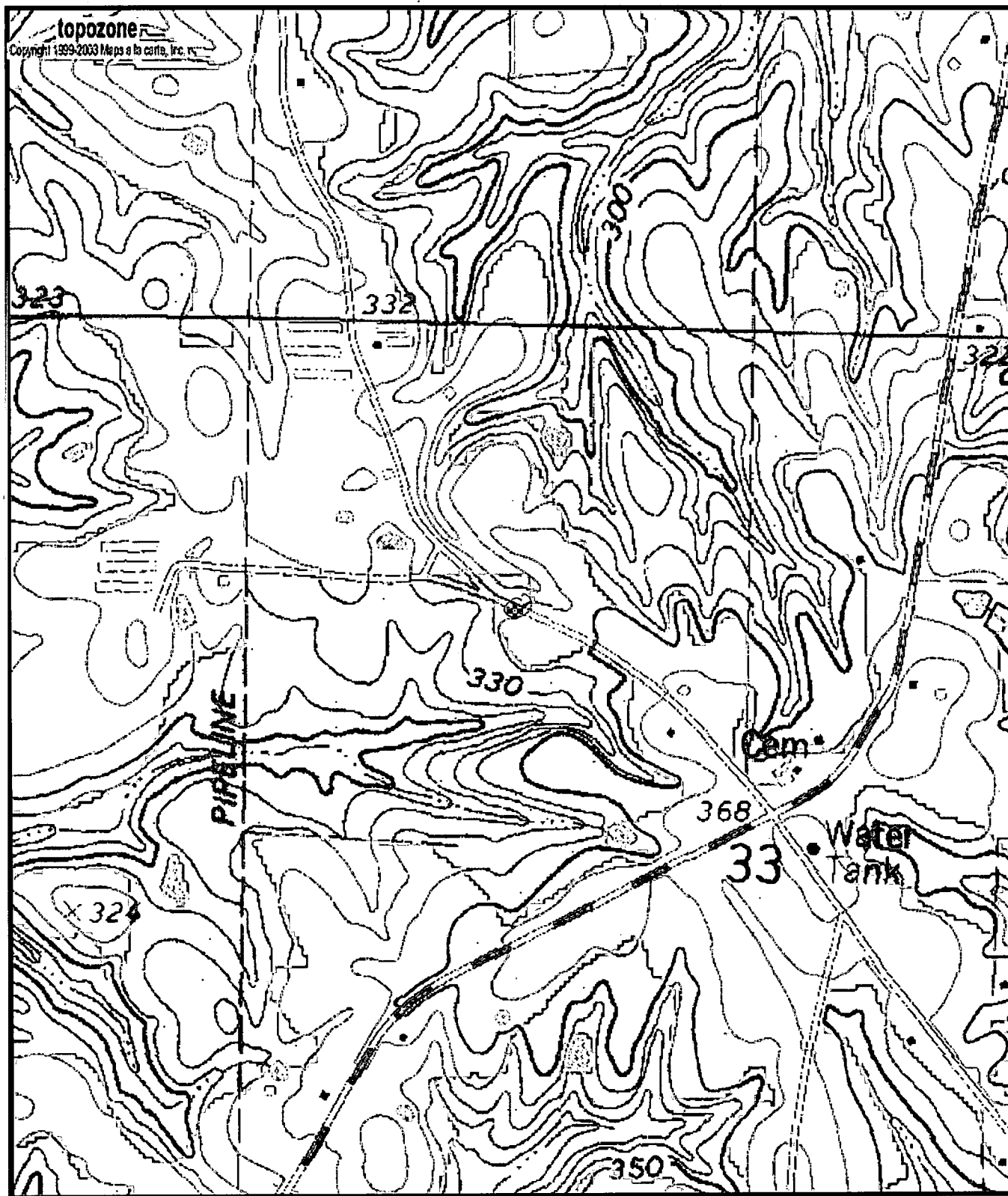
CASING DIA: 10" PUMP TYPE & SIZE: 100 HP Elec.

GPS FIELD LOCATION: LAT. 31° 31' 53.9" LONG. 89° 30' 57.4"

GPS CORRECTED LOCATION: LAT. 31.53190923 LONG. 89.51540982

REMARKS: GPS at Well.  
(Well is .35 mi. NW of Elev. Tank)





Map center is 31° 31' 55"N, 89° 30' 55"W (WGS84/NAD83)  
**Williamsburg** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum



M=0.022  
 G=-1.316