

uses well schedule missing

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

Fips: 35

Well: C64

Log No: _____

Recorded by: Aut P. Data Source: Driller's log, permit Date: 12/27/2000

County: Forrest Permit No.: GW07163 DOH No.: 0180001-03

Quad: Barrontown Elevation: 290

1/4: _____ 1/4: SE 1/4: SE 1/4: NE Sec.: 22 T: 05N R: 12W

Plotted on quad? In field? From drillers log? _____ From permit? _____

Latitude: 31° 23' 0.84" Longitude: 89° 10' 46.21" GPS? From quad? _____

Primary Aquifer: MOCN Secondary Aquifer: _____

Use: WA Well status: _____ Local Well Name: _____

Owner: Barrontown Water Assoc.

Date completed: 10/1/79 Driller: Griner Well depth: 896 Hole depth: 922

Pump type: Turbine Power type: Electric Pump capacity: 300 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

FORREST
 C64
 10/79
 Elog #141

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

date well completed 19 79 firm name KRINER DRILLING SERVICE county well located FORREST

LANDOWNER:	description of formations encountered	from	to
<u>BARRON TOWN</u>	<u>Top Soil</u>	<u>0</u>	<u>3</u>
<u>WATER ASSOCIATION</u>	<u>CLAY</u>	<u>3</u>	<u>22</u>
<u>Well No. 3</u> (mailing address)	<u>SAND</u>	<u>22</u>	<u>146</u>
<u>WELL LOCATION: SE 1/4 SW 1/4 NE 1/4</u>	<u>CLAY</u>	<u>146</u>	<u>370</u>
sec. <u>22</u> T. <u>5</u> (N) R. <u>12</u> (E) (W)	<u>SAND</u>	<u>370</u>	<u>430</u>
(distance) miles of (direction) (nearest town)	<u>CLAY</u>	<u>430</u>	<u>440</u>
<u>WELL PURPOSE: WATER ASSN.</u> (home, irrigation, municipal, industrial)	<u>SAND</u>	<u>440</u>	<u>464</u>
<u>WELL COMPLETION DATA:</u>	<u>CLAY</u>	<u>464</u>	<u>597</u>
(1) diameter (inches) <u>10 3/4"</u>	<u>SAND & CLAY STREAKS</u>	<u>597</u>	<u>622</u>
(2) total depth (feet) <u>896</u>	<u>CLAY w/ SAND STREAKS</u>	<u>622</u>	<u>830</u>
(3) static water level (feet) <u>114</u> below top of ground	<u>SAND</u>	<u>830</u>	<u>858</u>
(4) casing <u>Steel</u> <u>832'</u> (material) (depth)	<u>CLAY</u>	<u>858</u>	<u>862</u>
<u>10 3/4</u> (size) if telescope see back.	<u>SAND</u>	<u>862</u>	<u>896</u>
(5) screen <u>50</u> <u>899'</u> & <u>865'</u> (length) (depth to top)	<u>CLAY</u>		
<u>8</u> (size) <u>304 S.S.</u> (material)			
(6) pump <u>40</u> <u>300</u> (HP) (yield gpm)			
<u>Elect.</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>MGS</u> (organization running log)			
(8) how well bottom plugged <u>BACK</u>			
<u>WASH VALVE</u>			
DRILLERS REMARKS:			

CODED

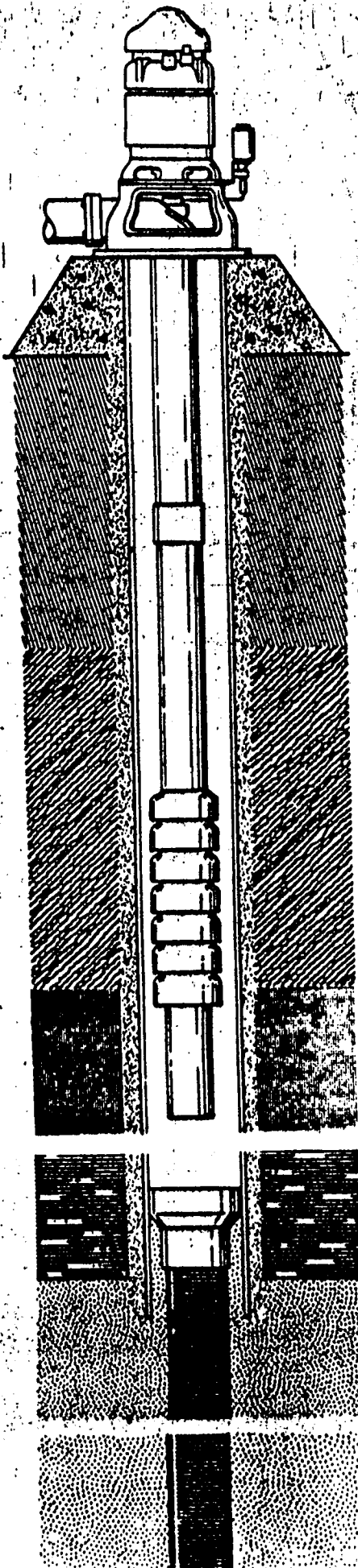
see 9-26-79
 [Signature]

GRINER DRILLING SERVICE, INC.

TELEPHONE 601/786-8347
 POST OFFICE DRAWER 825
 COLUMBIA, MISS. 39429

(3)

LOG FORM



NAME	Barrontown Utility Association		
LOCATION	Well No. 3		
	SW 1/4 NW 1/4 Sec. 23	T5N.	R12W
ENGINEER	Shows & Dearman		
DRILLER	J. M. Jones	LOG. NO.	C3
COMPLETED	February 15	1980	ACCEPTED 2/28/80
Sales Engineer	T. N. SHOWS	Field Supervisor	H. C. LONG

WELL DATA

Length surface casing N/A size surface casing N/A
 Cemented N/A No. Sacks N/A Size Drilled Hole 15"
 Depth drilled hole 834' Size well casing 10-3/4" Type Welded
 Length well casing 829' cemented YES No. Sacks 563
 Size screen 8" type Bar Weld mtg. by Howard Smith
 Slot size .008 material 304 S.S. length screen 50'
 Lap pipe size 8" lap pipe length 60' type Welded
 Distance to lap 781'
 Distance to screen top 838' & 866'
 Distance to screen bottom 858 & 896 type bottom Back Wash Valve
 Connection top of lap 10 x 8 Lead Seal static water level 146'

PUMP DATA

Type Turbine make Floway Serial No. 79-21,312
 Size bowls 8" No. stages 16" Curve No. 8JKL Length bowls 10 1/2'
 Length column 240' size column 5" type column Threaded
 Size oil tube 1 1/2" size shaft 1" length suction 20'
 Size suction 5" size discharge 6" Head No. 6 x 16 1/2" H"
 Overall pump length 250 1/2" Length headshaft 6' 11"
 Type lubrication Oil type oiler Solenoid length air line N/A
 Rated capacity 300 GPM Total Head 346
 RPM 1770 Size foundation 2' x 2' Height 2'

ELECTRIC MOTOR DATA

Type VHS Make G.E. Serial No. _____
 HP 40 Voltage 230 RPM 1770 Frame C324TP
 Style P Phase 3 Cycles 60 AMPS 100.2
 Height motor 30-8/16" Dia. base 16 1/2" Dia. base 1" Circuit No. N/A
 Top bearing No. N/A Lower bearing No. N/A Lubrication Oil & Grease

SWITCH DATA

Type Pumping Plant Panel Make Square "D"
 Catalog No. 8920 Size 3 Rating 40 H.P.
 Volts 230 Phase 3 Cycles 60
 HP rating 40 Size relays 100.2 Relay type Quick Trip
 Entrance switch 100 A.

RECEIVED

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

DEC 10 1999

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 969-2020

Mississippi Department of Environmental Quality
Office of Land & Water Resources
FORM OLWR-AP-2 (REV. 9/94)

This box is for office use only.

3-14-2000 AGN.

Issued: <u>5-22-90</u>	Expires: <u>3-14-2010</u>	Fee Paid: <u>X</u>	Permit No.
Lat. <u>312301</u>	Long. <u>891044</u>	Elev. <u>290</u>	USGS No. <u>C64</u>
Quad. <u>Barrontown</u>	ASCS Farm No.	STAC.	MSDOH No. <u>18001-03</u>
Aquifer: <u>MOCN</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): RENEWAL PERMIT NO. 007163

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) 3) Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Barron Town Utility Association 64-065199
(Name) (SSN or Tax ID No.)
101 Dog Wood Lane
(Address)
Petal MS 39465 (601) 544-3553
(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):

SW 1/4 of the NW 1/4 of Section 23, Township 5N, 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)

- AQUIFER: Miocene MISSISSIPPI DEPARTMENT OF HEALTH NO.: 18001-03
- Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? 10-1, 1988 Under whose name was well originally drilled (if known)? Barrontown Utility Association
- Description of proposed or completed well:
 - DEPTH OF WELL: 922 feet. DRILLER: Griner Drilling Service
 - SURFACE CASING: Length 829 832 feet; Diameter 10 3/4 inches; Type Steel
 - SCREEN: Length 50 feet; Diameter 8 5/8 inches; Type Wire Wound
 - PUMP: Type Electric; Size 8"; Capacity 280 gallons per minute; Setting depth 250 feet
 - POWER UNIT: Type Power Panel; Size 40 horsepower
- PERMITTED VOLUME:
 - _____ acre-feet per year at a maximum rate of _____ gallons per minute
 - 0.19 million gallons per day at a maximum rate of 300 gallons per minute

(CONTINUED ON BACK)

MAP sent

17
M³
1/20/00

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. Description 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 Sorghum _____; 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 2083
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>600</u>	<u>2005</u>	<u>902</u>	<u>2010</u>	<u>810</u>	<u>2015</u>	<u>920</u>	<u>2020</u>
(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:** _____

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

Gerald Cooley
(Name)
101 Dogwood Lane
(Address)
Petal, MS 39465
(City, State, Zip)
601-544-3553
(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.

Gerald Cooley
(Signature)

Subscribed and sworn to before me this 9 day of Dec, 1999 at Fannest County of MS - state

My commission expires _____
NOTARY PUBLIC STATE OF MISSISSIPPI AT LARGE
 MY COMMISSION EXPIRES: June 6, 2003
 BONDED THRU NOTARY PUBLIC UNDERWRITERS
Sheila Johnston Notary Public.
Petal, MS

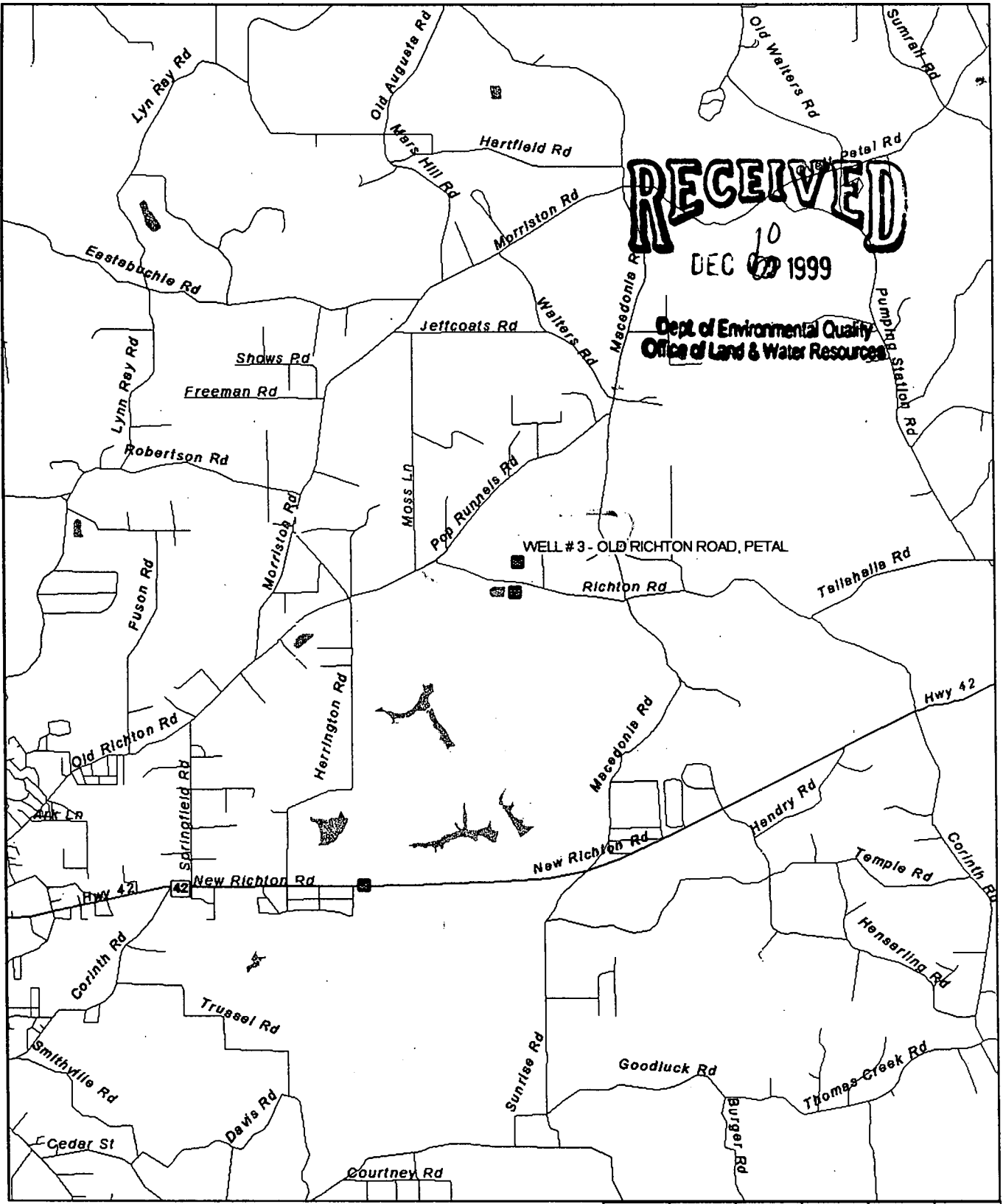
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Barrow Town
avud.

GPS LOG

USER NAME(S): C.A Hornbeak DATE: 6/29/94
UNIT DEQ #: 82555 FILE #: C063000B
HEALTH DEPT. #: 180001-03 ELEV. 290
USGS #: 200 C64 OLWR #: 7163
OWNER: Barrow Town Water Assoc.
LOCATION: SE-SE-NE S 22 T 5N R 12W COUNTY: Forrest
LOCATION DESCRIPTION: AT New Elev. Water Tank on N side of Old
Richton Rd. 1.5 mi. East of Herring Ton Rd.
CASING DIA: 10" PUMP TYPE & SIZE: 25 HP Elec.
GPS FIELD LOCATION: LAT. 31° 22.982 LONG. 89° 10.765
GPS CORRECTED LOCATION: LAT. 31 23 00.838 LONG. 89 10 46.213
31.383566 89.179504
REMARKS: GPS at well,



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DEC 10 1999

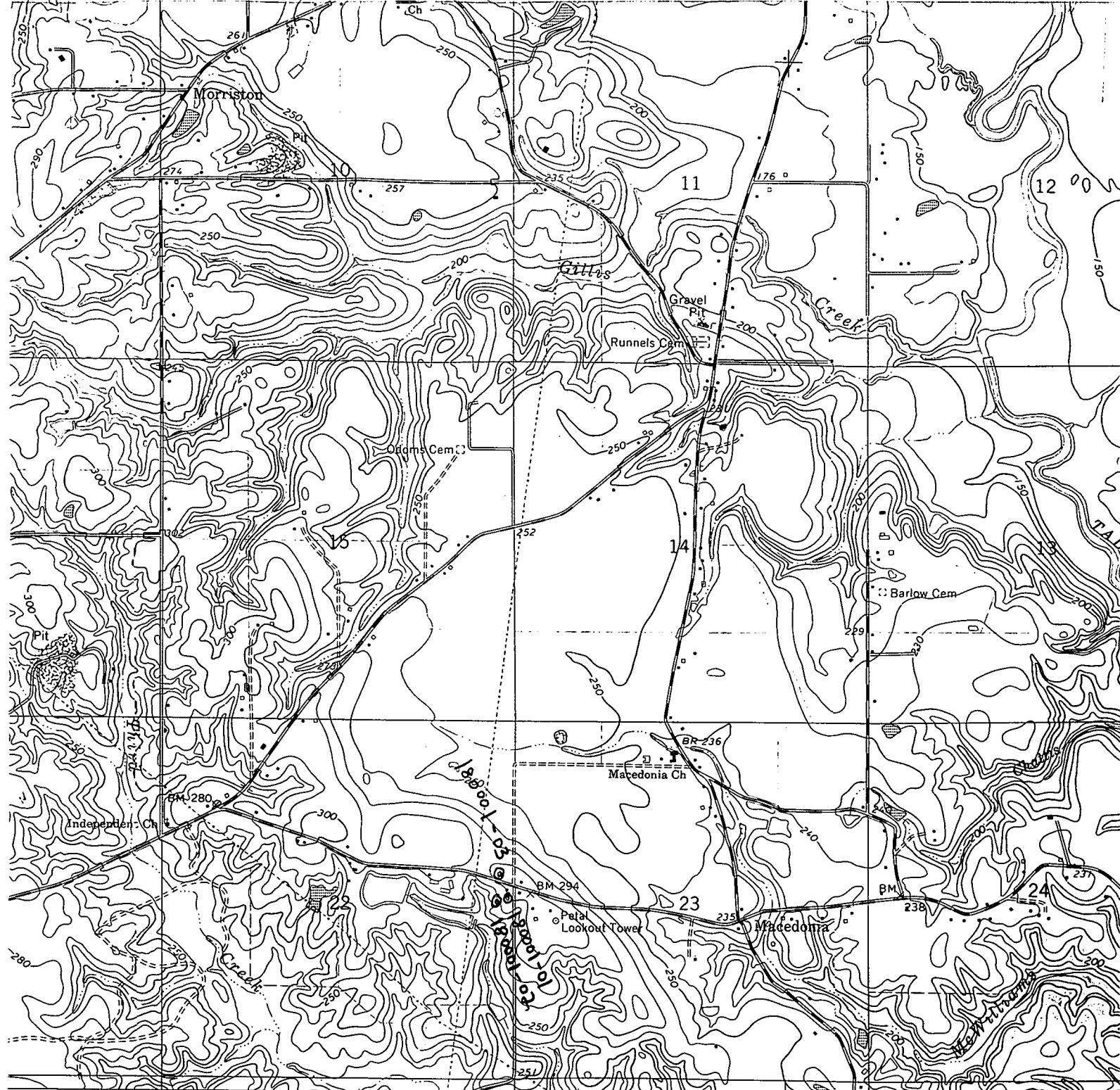
Dept of Environmental Quality
Office of Land & Water Resources

WELL #3 - OLD RICHTON ROAD, PETAL

WU 1163 RENEWAL

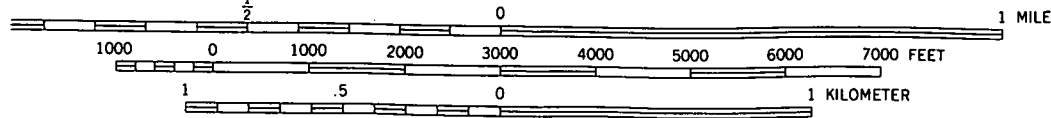
MICROSOFT AUTUMN
Streets Plus

BARRONTOWN UTILITY ASSOCIATION
WELL LOCATION - #3



291 (CARTERVILLE) 3146 1 SW 293 10' 294 1.9 MI. TO MISS. 42 295

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST