

T/ADP/8/83

6W2608
DWH# 160006-01

1/81 WTD

Recorded by WTO
Date 9/1/65 1/83

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. K1
E-Log No. 37
County COVINGTON

Site ID 313344089294101 R=0* T=A* 2=W* Seminary
Quad

GEN. SITE DATA

Data reliab. 3=C* Report agency 4=USGS* Dist. 6=28* 7=28* Co. 8=031*
Lat. _____ Long. 9=313344* 10=0892941* Well No. 12='K001'*
SW Location 13=NWNE S 22 T 07 N R 15 W* Alt. 16=300.* 292
Hyd. Unit (OWDC) 20= Date 21=01/09/1964*
Well use 23=W* Water Use 24=P* Hole depth 27=598.* Well depth 28=247.*
WL 30=8.7.* Date 31=12/03/1981* Source 33=D*
Status 273= Project No. 5= MU MCCN

OWNER

R=158* T=A* Date 159#01/30/1964* Owner No. _____
Owner 161# SEMINARY

FIELD OW

R=192* T=A* Date 193#04/01/1966* Temp. 196#00010* 197=20.0*
R=192* T=A* Date 193#04/01/1966* Cond. 196#00095* 197=115.*
R=192* T=A* Date 193#04/01/1966* pH 196#00400* 197=6.9*

CONSTR.

R=58* T=A* 59#1* Date 60=01/30/1964* Remarks _____
Drilg. 63=009* Name CARLOSS Method 65=H* Finish 66=5*

CASING

R=76* T=A* 59#1*
Top csng. 77# 0.* Bot. csng. 78= Diam. 79# 16.*
R=76* T=A* 59#1*
Top csng 77# Bot. csng. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83# 180.* Bottom 84=247.*
Type 85=S* Diam. 87=8.* Size 88=.016*
R=82* T=A* 59#1* Top 83# Bottom 84=
Type 85= Diam. 87= Size 88=

YIELD

R= 146* T=A* 147# 1* Q 150=351.* Q/S 272=29.*
134 flows 146 pumped

LIFT
 R=42* T= A * Lift type 43# T* Intake 44# Power type 45# E*
 Date 38= 01/30/1964* H.P. 46= 30#

LOGS
 R=198* T= A * Log 199# E* Top 200= 10# Bot 201= 1598*
 R=198* T= A * Log 199# * Top 200= * Bot 201= *
 R=189* T= A * E Log No. 190# 037* 191= M T S S D L S

ANAL.
 R=114* T= A * Year 115# 1966* 117= USGS* 120= B*
 R=90* T= A * 256# 1* Top 91= 155* Bot 92= *

AQUIFERS
 Unit ID 93= 122MOCN* Name of Unit
 R=90* T= A * 256# 1* Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

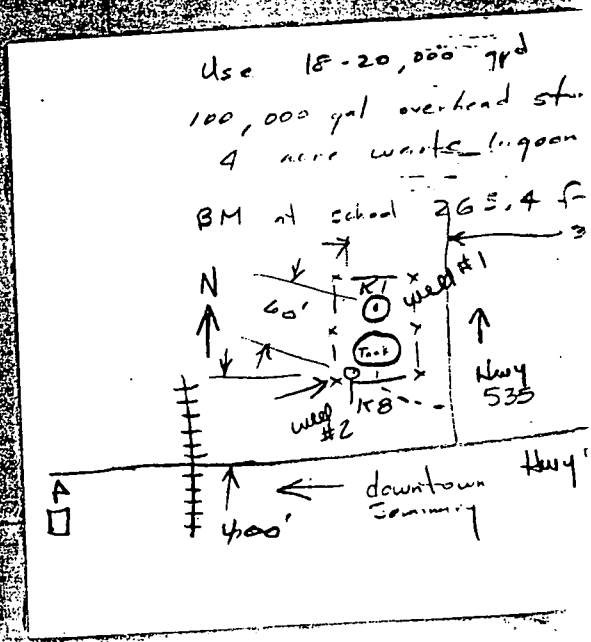
HYDRAULICS
 R=98* T= A * 99# 1* Unit tested 100= * 103= *
 R=105* T= A * 99# 1* Test No. 106# *
 107= * Transmissivity (gal/d)/ft 80,000
 108= * Hydraul. cond. (gal/d)/ft 840
 110= * Storage coeff. Boundaries

R=121* T= * Yr Begin 122# 1964* Network 258# *

Water Level Data Collection (1)

MSB0H
 R-15
 Coz-21
 PH-6.8
 H₂O-59
 CL-4
 Aik-78

WL = 84' (1964)
 87' (1981)
 MP: 3/4" hole in base
 1.7' above lsd.



COVINGTON MISSISSIPPI BOARD OF WATER COMMISSIONERS

K1 ⁰²⁶⁰⁸
4-28-64

WATER WELL DRILLERS LOG

CODED

Date: April 28, 1964, Driller: Carloss Well Supply County Covington
(Name)

(1) Owner of Land: <u>Town of Seminary</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.		Thick- ness Feet	Depth Feet
	Seminary, Mississippi (Address)			
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u>22 T 7 R 15</u> _____ miles _____ of _____ (distance) (direction) (Nearest Town)	Top Soil		3'	3'
(3) Topography: <u>(Hilly)</u> (Flat) (Level)	Red Clay		5'	8'
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	White Chalky Shale, Hard		87'	95'
	Hard Blue Shale with Streaks White Chalk		27'	122'
	Fine Brown Sand		5'	127'
	Hard Blue Shale		22'	149'
	Med. White W.B. Sand			
	Bottom 20' very coarse with small Pea Gravel		102'	251'
	Soft Blue Shale		17'	268'

Information upon completion of well:

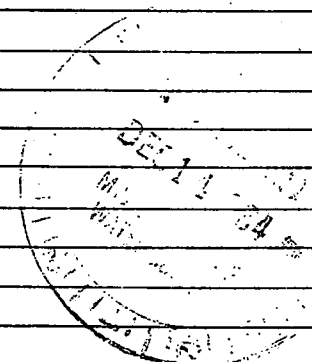
- (1) Diameter 16 inches.
- (2) Total Depth 249 feet.
- (3) Water Level 82 feet below top of ground.
- (4) Cased to 180, Size 16"
- (5) Screen: Size 8" I.D.; Length 67'
- (6) Were any formations sealed against pollution?
X yes, _____ no.

If YES depth of formation Cemented Casing.

Why _____

Drillers Remarks: _____

CODED



(Use Back Side)

Well No.

Retain this copy for your office files.

RECEIVED

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FROM 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. 2-25-97 AGN

DEC 12 1996
Dept. of Environmental Quality
Office of Land & Water Resources
FORM OLR-AP-2 (REV. 9/94)

Table with 4 columns: Issued, Expires, Fee Paid, Permit No.; Lat, Long, Elev, USGS No.; Quad, ASCS Farm No, STAC, MSDOH No.; Aquifer, Tract No, Basin No.; Remarks, Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-02608

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E WELL # 1

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:

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: TOWN OF SEMINARY 64-0414378 (Name) (SSN or Tax ID No.)

201 NORTH OAK AVENUE, POST OFFICE BOX 295 (Address)

SEMINARY, MS 39479 (601) 722-3205 (City) (State & Zip) (Telephone No.)

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

SAME (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):

NW 1/4 of the NE 1/4 of Section 22, 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.

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MISSISSIPPI DEPARTMENT OF HEALTH NO.:

2. Proposed work will begin on 19 and will be completed by 19

If well has already been drilled, when was well completed (date)? APRIL 1, 19 64 Under whose name was well originally drilled (if known)? TOWN OF SEMINARY

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 249 feet. DRILLER: CARLOSS WELL SUPPLY

(b) SURFACE CASING: Length feet; Diameter inches; Type STEEL

(c) SCREEN: Length 67 feet; Diameter 8 inches; Type STAINLESS STEEL

(d) PUMP: Type TURBIN; Size 35 hp; Capacity 350 gallons per minute; Setting depth 316 feet

(e) POWER UNIT: Type; Size horsepower

4. PERMITTED VOLUME:

(a) acre-feet per year at a maximum rate of gallons per minute

(b) 0.03 0.05 million gallons per day at a maximum rate of 350 gallons per minute

03 BB 1-15-97

(CONTINUED ON BACK) 350

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 165
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>22,500</u>	<u>2000</u>	<u>23,000</u>	<u>2005</u>	<u>23,500</u>	<u>2010</u>	<u>24,000</u>	<u>2015</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: RUITAN CLUB SWIMMING POOL

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.

BILLY D. KAROLYI
(Name)

201 NORTH OAK AVE., P.O. BOX 295
(Address)

SEMINARY, MS 39479
(City, State, Zip)

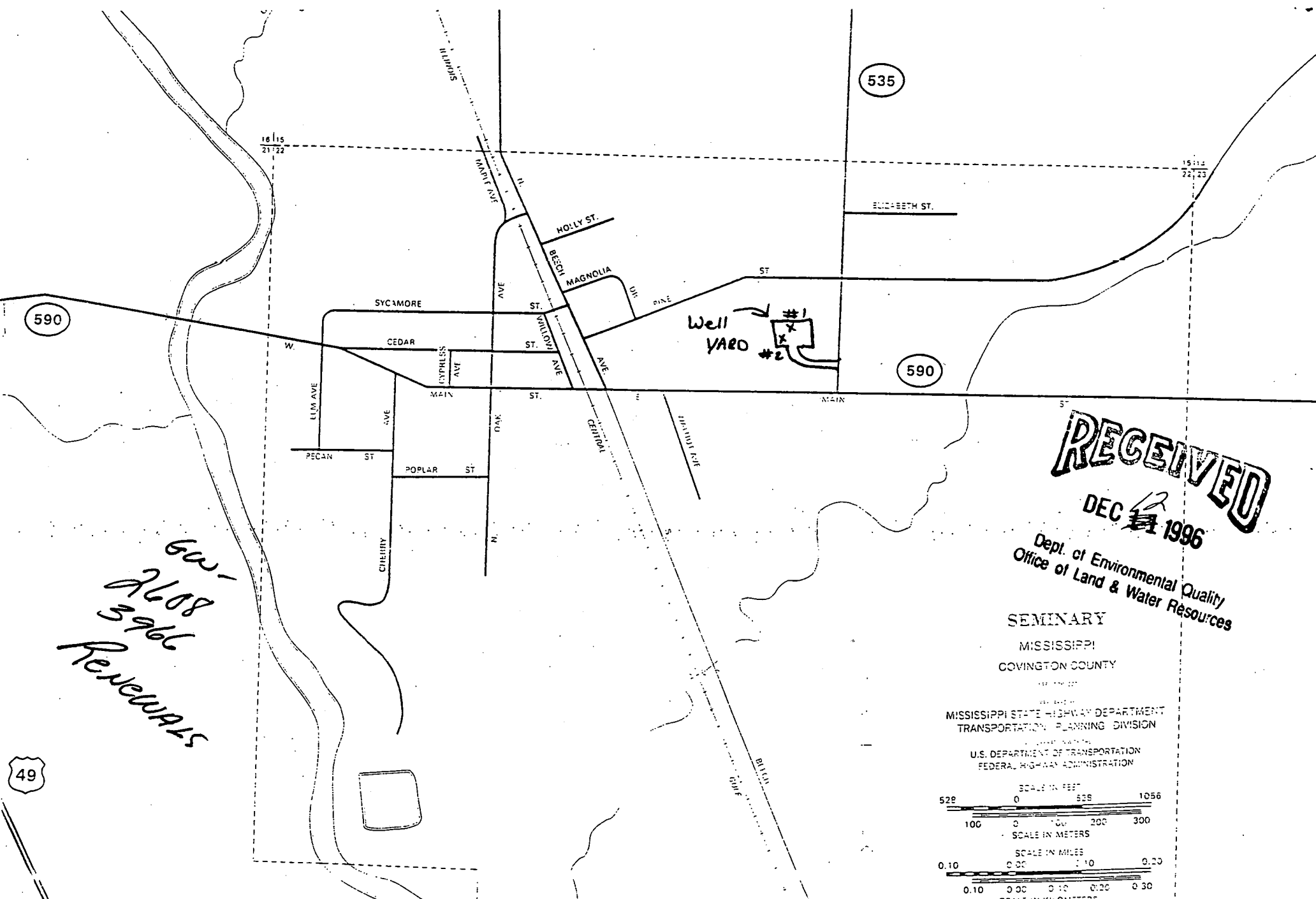
(601) 722-3205 or
(Telephone) Home (601) 722-4416

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.

Billy D. Karolyi
Mayor (Signature)

Subscribed and sworn to before me this 9th day of December 1996, at Covington County of Mississippi
My Commission Expires January 3, 2000

Anna F. Bullock, Chy. CLK Notary Public.
By: H. & D. Williams, R.O.C.



600-
2608
3966
Renewals

49

535

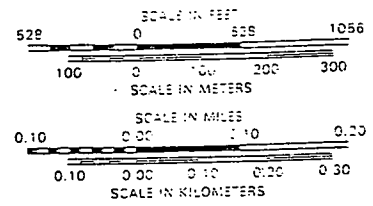
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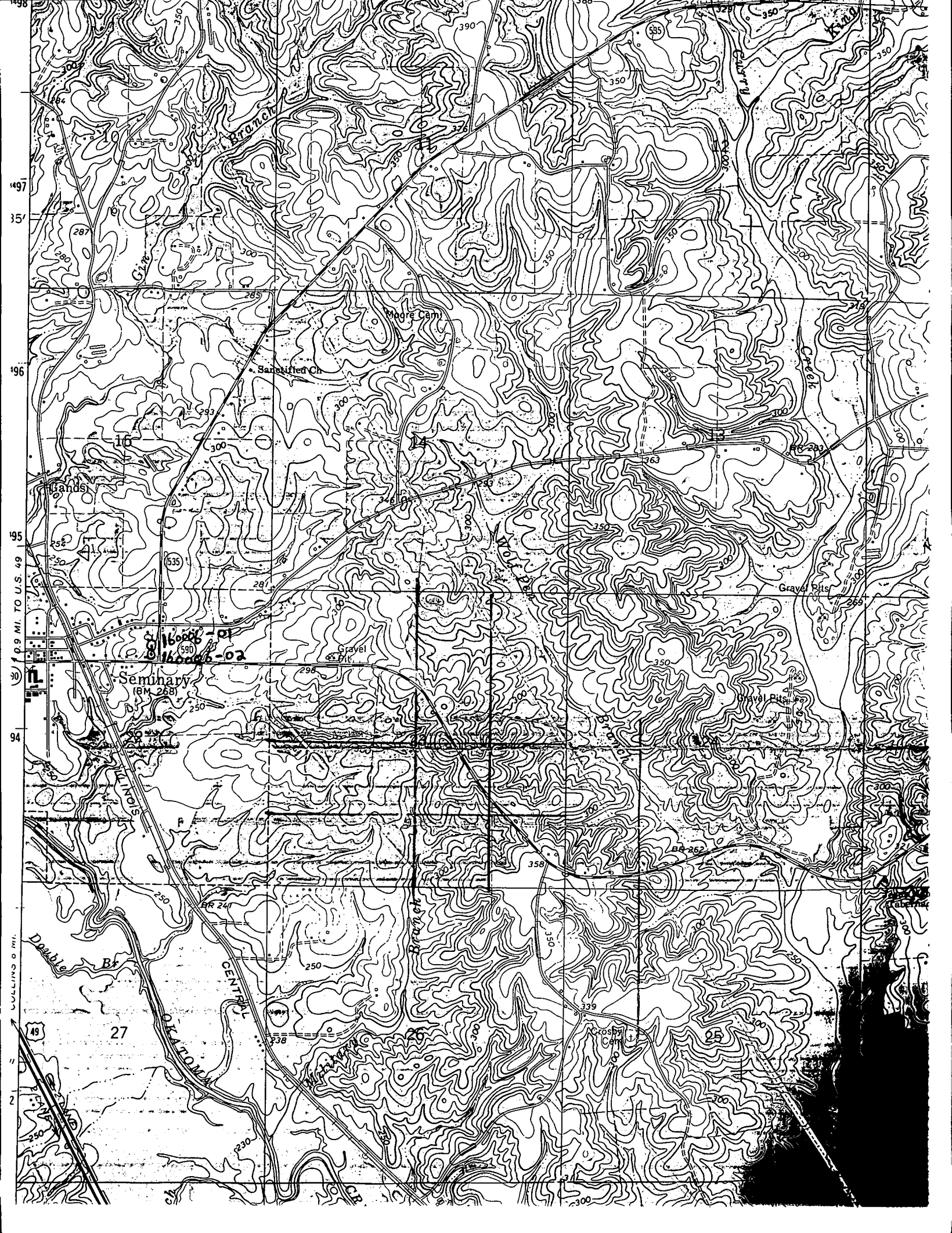
590

RECEIVED
DEC 12 1996

Dept. of Environmental Quality
Office of Land & Water Resources

SEMINARY
MISSISSIPPI
COVINGTON COUNTY
MISSISSIPPI STATE HIGHWAY DEPARTMENT
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



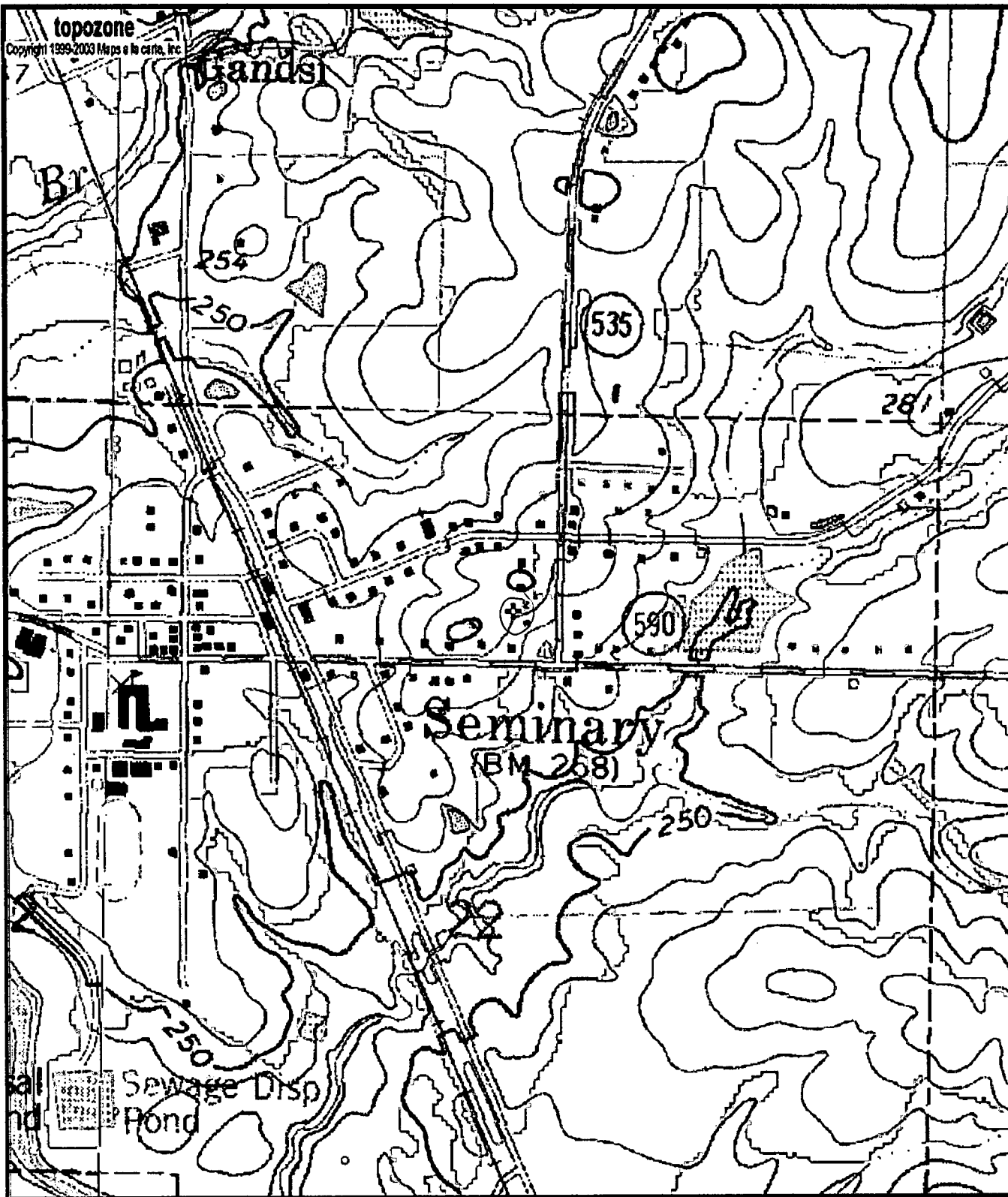


DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

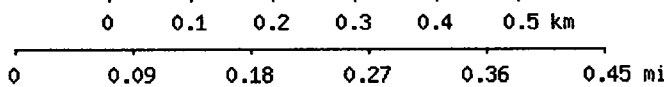
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hotwpeak DATE: 7/19/96
UNIT DEQ #: 82859 FILE #: B071919B
HEALTH DEPT. #: 160006-01 ELEV. 275 292
USGS #: K-01 OLWR #: MS-6W-02608
OWNER: Town of Seminary QUAD: Seminary
LOCATION: SWNW-NE S 22 T 7N R 15W COUNTY: Covington
LOCATION DESCRIPTION: AT Elev. Tank at NW Corner of Inter section
of Hwy 590E + Hwy 535 (Seminary)
CASING DIA: 16" PUMP TYPE & SIZE: 30 HP Elec.
GPS FIELD LOCATION: LAT. 31° 33' 46.2" LONG. 89° 29' 35.2"
GPS CORRECTED LOCATION: LAT. 31.56275380 LONG. 89.49321234
REMARKS: GPS at well.
(well is North of Elev. Tank)



0160006-01
 Gw02608
 K1



Map center is 31° 33' 46"N, 89° 29' 36"W (WGS84/NAD83)

Seminary quadrangle

Projection is UTM Zone 16 NAD83 Datum



M=0.002
 G=-1.306