

USGS Well schedule missing

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

Fips: 31

Well: F34

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

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

County: Covington Permit No.: GW08719 DOH No.: 160002-03

Quad: Collins Elevation: 310

1/4: NW 1/4: SW 1/4: SW 1/4: NE Sec.: 14 T: 8N R: 16W

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

Latitude: 31° 39' 41.94" Longitude: 89° 34' 42.04" GPS? \_\_\_\_\_ From quad? \_\_\_\_\_

Primary Aquifer: MOON CTHL Secondary Aquifer: \_\_\_\_\_

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

Owner: City of Collins

Date completed: 8/26/88 Driller: Layne Central Well depth: 752 Hole depth: 969

Pump type: Turbine Power type: Electric Pump capacity: 500 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

COVINGTON  
F34  
8-26-88

DEC 19 1988

*Caled*

August 26 1988 Layne Central Co. Covington  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>City of Collins</u>	<u>Yellow Clay</u>	<u>0'</u>	<u>10'</u>
<u>P.O. Box 326</u>	<u>Red &amp; White Clay</u>	<u>10'</u>	<u>160'</u>
<u>Collins, Miss 39428</u> (mailing address)	<u>Blue Clay</u>	<u>160'</u>	<u>106'</u>
<b>WELL LOCATION:</b>	<u>Sand &amp; Fed Gravel</u>	<u>106'</u>	<u>187'</u>
sec. <u>14</u> T. <u>8</u> N R. <u>16</u> E	<u>Hard Clay</u>	<u>187'</u>	<u>216'</u>
<u>1</u> miles <u>E. side</u> <u>Collins</u>	<u>Clay &amp; Sand Stbs</u>	<u>216'</u>	<u>351'</u>
(distance) (direction) (nearest town)	<u>Sand &amp; Lignite</u>	<u>351'</u>	<u>396'</u>
<b>WELL PURPOSE:</b> <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Clay &amp; Sand Stbs</u>	<u>396'</u>	<u>500'</u>
<b>WELL COMPLETION DATA:</b>	<u>Sand &amp; Lime Stbs</u>	<u>500'</u>	<u>593'</u>
(1) diameter (inches) <u>110"</u>	<u>Clay &amp; Sand Stbs</u>	<u>593'</u>	<u>1062'</u>
(2) total depth (feet) <u>752'</u>	<u>Sand</u>	<u>1062'</u>	<u>1672'</u>
(3) static water level (feet): <u>93'</u> below top of ground.	<u>Clay</u>	<u>1672'</u>	<u>1686'</u>
(4) casing <u>Steel</u> , <u>1680'</u> (material) (depth)	<u>Rock</u>	<u>1686'</u>	<u>1687'</u>
<u>110"</u> if telescope see back. (size) <u>62" of 8"</u>	<u>Sand &amp; Clay Stbs</u>	<u>1687'</u>	<u>749'</u>
(5) screen <u>60</u> , <u>752'</u> (length) (depth to top)	<u>Clay &amp; Sand Stbs</u>	<u>749'</u>	<u>829'</u>
<u>8"</u> , <u>Stainless Steel</u> (size) (material)	<u>Sand</u>	<u>829'</u>	<u>850'</u>
(6) pump <u>60</u> <u>500</u> (HP) (yield gpm)	<u>Sandy Shale</u>	<u>850'</u>	<u>901'</u>
<u>Electrical</u> (type power)	<u>Rock</u>	<u>901'</u>	<u>905'</u>
(7) electric log <u>Yes</u> (yes or no)	<u>Hard Clay w/ Lime</u>	<u>905'</u>	<u>916.9'</u>
<u>Layne Central Co.</u> (organization running log)			
(8) how well bottom plugged <u>Back</u> <u>PRESSURE GAUGE</u>			
<b>DRILLERS REMARKS:</b>			
<u>Permit #</u>			

*749  
21/5  
149  
6  
1/2  
1/2*

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

04-10-98A09:45 RCV D

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.

*5-26-98 AGN.*

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

Issued: <i>10-11-88</i>	Expires: <i>5-26-2008</i>	Fee Paid: <i>X</i>	Permit No.
Lat. <i>31-34-42</i>	Long. <i>84-34-41</i>	Elev. <i>310</i>	USGS No. <i>F34</i>
Quad. <i>COLLINS</i>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <i>CHL</i>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL - PERMIT NO. MS-GW-08719

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: \_\_\_\_\_

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

LANDOWNER: City of Collins 64-6000270 Tax ID#  
(Name) (SSN or Tax ID No.)

P. O. Box 400  
(Address)

Collins MS 39428 (601 ) 765 - 4491  
(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 14, Township 08N, Range 16W, 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: Miocene CHL (LOWER) MISSISSIPPI DEPARTMENT OF HEALTH NO.: 160002-03

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? October 8/26, 1988 Under whose name was well originally drilled (if known)? City of Collins

3. Description of proposed or completed well:  
(a) DEPTH OF WELL: 925 752 feet. DRILLER: Layne-Central  
(b) SURFACE CASING: Length 850 600 feet; Diameter 16" inches; Type Welded Steel  
(c) SCREEN: Length 60' feet; Diameter 8" inches; Type 304 Stainless Steel  
(d) PUMP: Type Turbine; Size 10"; Capacity 500 gallons per minute; Setting depth 175 feet  
(e) POWER UNIT: Type U.S.; Size 60 horsepower

4. PERMITTED VOLUME:  
(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute  
(b) .30 million gallons per day at a maximum rate of 500 gallons per minute  
*0.13* *600*

**(CONTINUED ON BACK)**

*4.21.98*  
AG. CHANGE FROM MICH

**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 2541 or (b) The number of connections is 400 connections  
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>550,000</u>	<u>2003</u>	<u>575,000</u>	<u>2008</u>	<u>595,000</u>	<u>2013</u>	<u>600,000</u>	<u>2018</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.

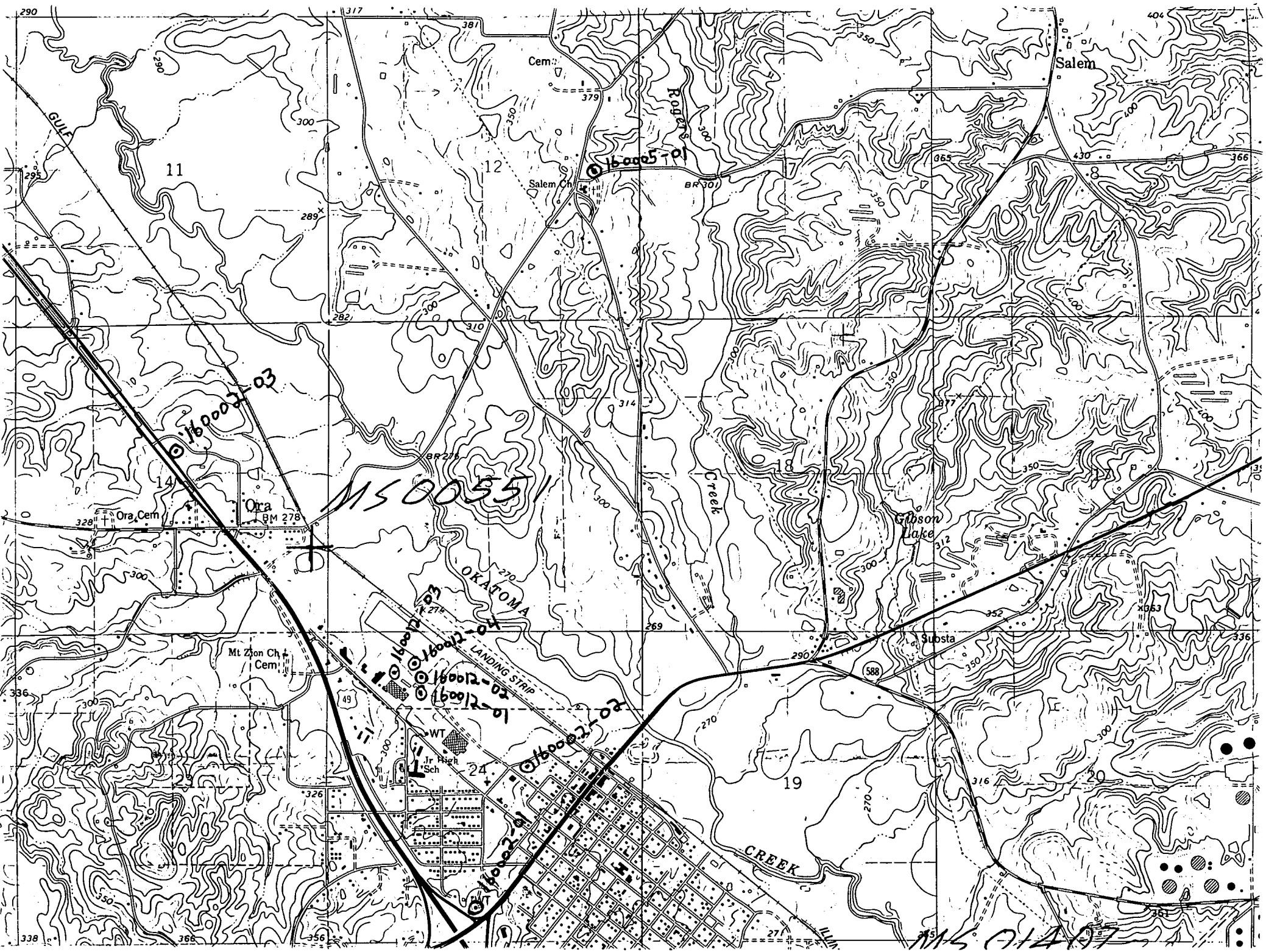
Mayor V. O. Smith  
(Name)  
P. O. Box 400  
(Address)  
Collins, MS 39428  
(City, State, Zip)  
601-765-4491  
(Telephone)

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.

V. O. Smith  
(Signature)

Subscribed and sworn to before me this 8<sup>th</sup> day of April, 19 98, at Covington County of Mississippi

My commission expires \_\_\_\_\_  
Notary Public State of Mississippi At Large  
My Commission Expires: May 14, 2000  
BONDED THRU HEIDEN-MAICHETTI, INC.  
Dennis W. Dunford Notary Public.



150055

160005-01

160002-03

160012-03

160012-04

160012-02

160012-01

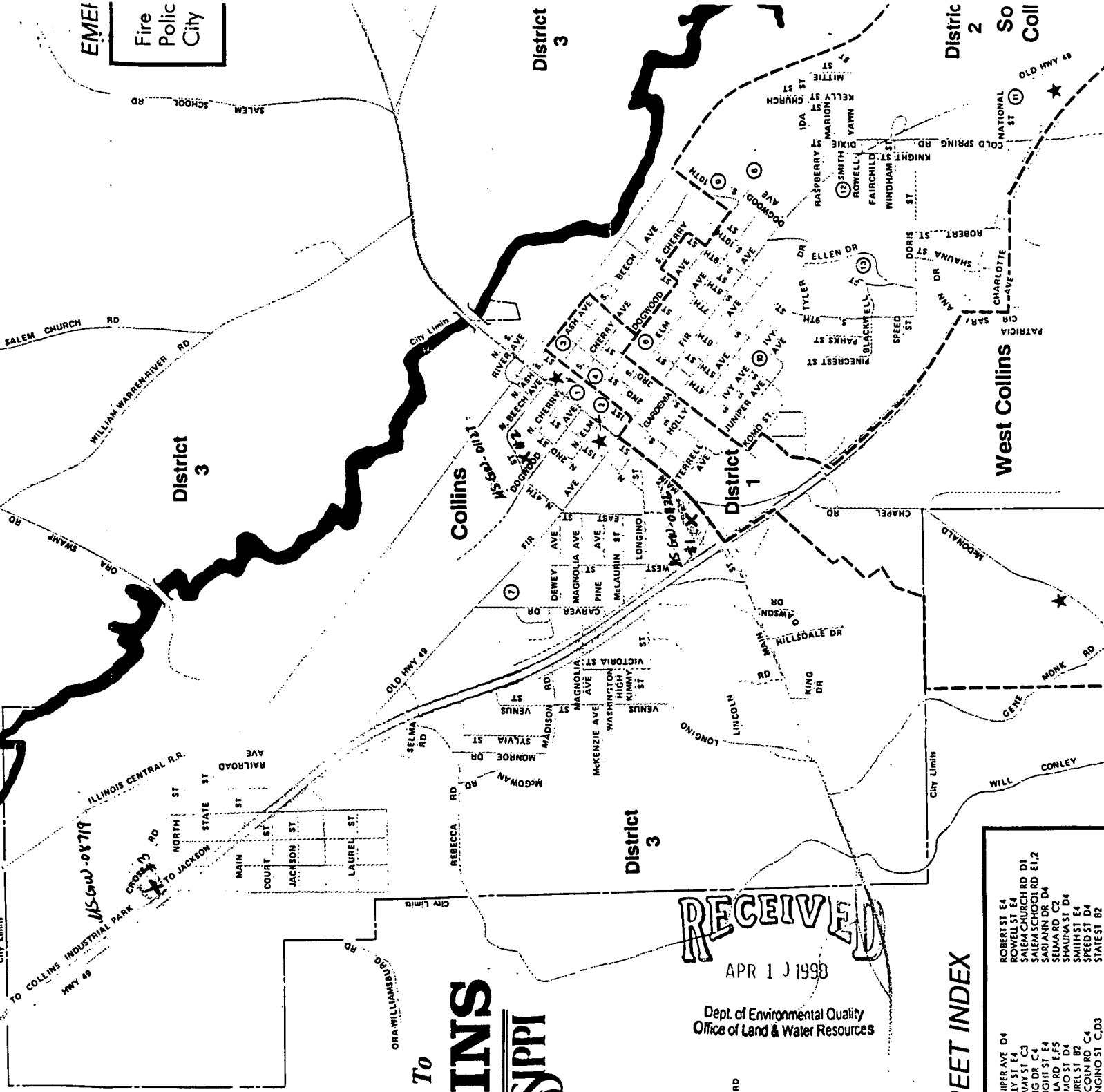
160012-01

1501407

EMEF  
Fire  
Police  
City

District 3

District 2 So Coll



City Limits  
City Limits  
City Limits

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**MISSISSIPPI**

**RECEIVED**

APR 1 J 1990

Dept. of Environmental Quality  
Office of Land & Water Resources

**REET INDEX**

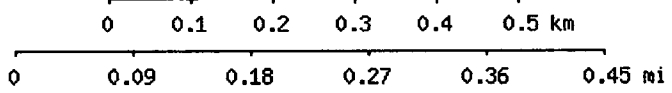
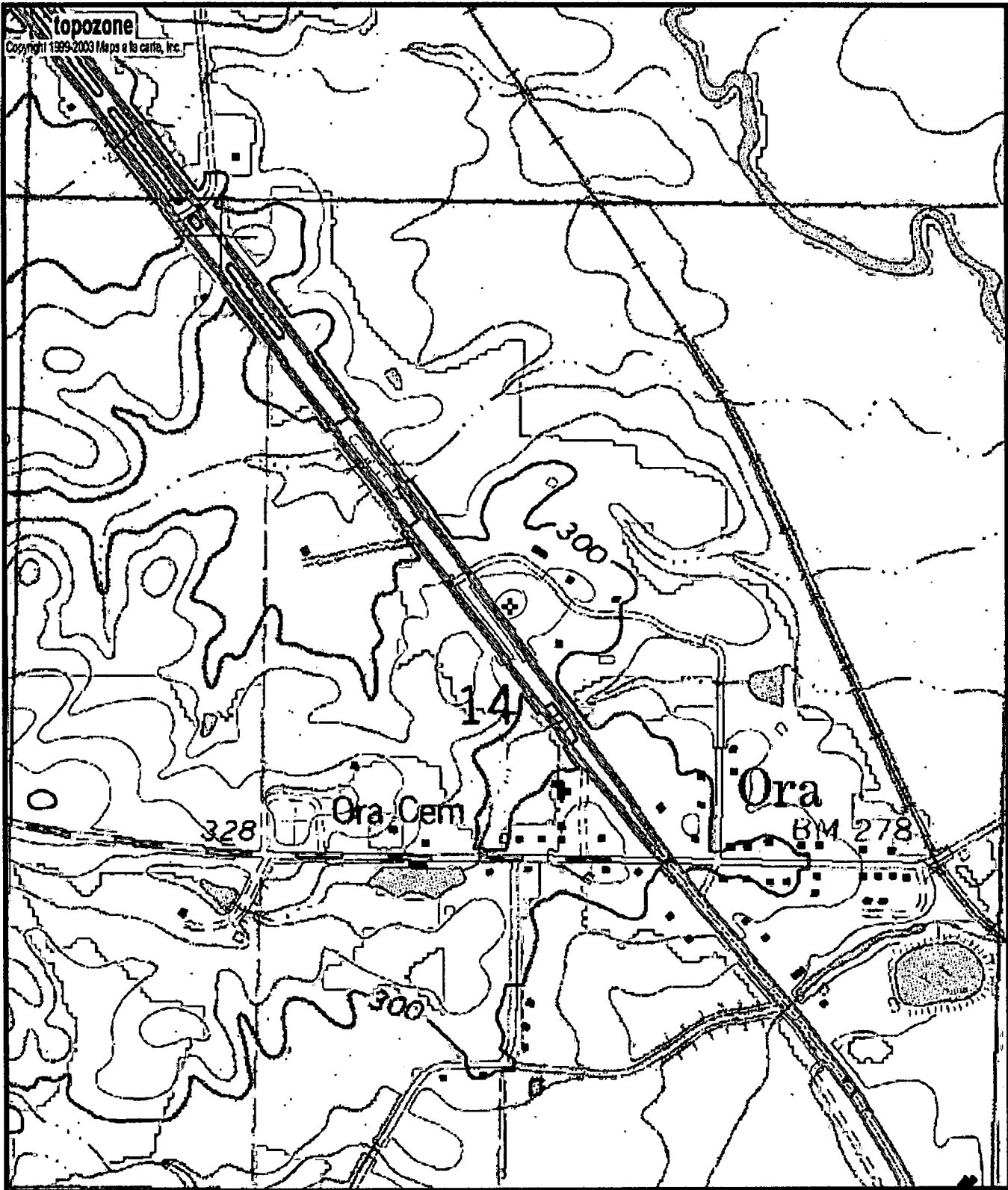
- ROBERT ST E4
- ROWELL ST E4
- SALEM CHURCH RD D1
- SALEM SCHOOL RD E1,2
- SARIANN DR D4
- SEMA RD C2
- SHAUNA ST D4
- SMITH ST E4
- SPEED ST D4
- STATE ST D4
- SUNSET RD A2
- JUPITER AVE D4
- KELLY ST E4
- KIMMY ST C3
- KING DR C4
- KNIGHT ST E4
- KOLA RD E5
- KOMO ST D4
- LAUREL ST B7
- LINCOLN RD C4
- LONGINO ST C, D3
- MADISON RD C3

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 7/18/96  
UNIT DEQ #: 82859 FILE #: B071819C  
HEALTH DEPT. #: 160002-03 ELEV. 310  
USGS #: F-24 OLWR #: MS-GW-8719  
OWNER: City of Collins QUAD: Collins  
LOCATION SW-SW-NE S 14 T 8 N R 16 W COUNTY: Collington  
LOCATION DESCRIPTION: ON EAST Side of Hwy 49 N 1.6 mi.  
NW of Hwy 84 Intersection. (Collins)  
CASING DIA: 16" PUMP TYPE & SIZE: 60 HP Elec  
GPS FIELD LOCATION: LAT. 31° 39' 42.7" LONG. 89° 34' 41.7"  
GPS CORRECTED LOCATION: LAT. 31.66165138 LONG. 89.57834404  
REMARKS: GPS at Well.





Map center is 31° 39' 42"N, 89° 34' 42"W (WGS84/NAD83)

**Collins** quadrangle

Projection is UTM Zone 16 NAD83 Datum



M=0.052  
G=-1.354