GW09831 Replacement

DOH #160011-01

U/81 WTO

Recorded by WTO

Date 1/14/85

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

Well No. E27

E-Log No. 66

County COVINGTON

GEN. SITE DATA

Site ID 5: 31 38 52 089 41 26 01 — 19 — R=0* — T= A * — 2=W*

Data reliab. 3=C * — C U — Report. agency 4=USGS* — Dist. 6=28* — 7=28* — Co. 8=031 *

Lat. / Long. / 9=31 38 52 * — 10=089 41 26 * — Well No. 12=E027 *

Location SW NW 13=SE NE S 22 T 08 N R 17 W * — Alt. 16=445. * 440

Hyd. Unit (OWDC) 20= * — Date 21= / / 1974 *

Well use 23=W * — Water Use 24=P * — Hole depth 27=309. * — Well depth 28=292. *

WL 30= . * — Date 31= / / * — Source 33= *

Status 273 = * — Project No. 5= * — WA MOCN

OWNER

R=158* — T=A * — Date 159# 07 / 26 / 1974 * — Owner No. Well #2

Owner 161# N COVINGTON WA *

Lone Star Quad

FIELD OW

R=192* — T=A * — Date 193# / / * — Temp. 196#00010* — 197= . *

R=192* — T=A * — Date 193# / / * — Cond. 196#00095* — 197= . *

R=192* — T=A * — Date 193# / / * — pH 196#00400* — 197= . *

CONSTR.

R=58* — T=A * — 59# 1* — Date 60= / / * — Remarks

Drlg. 63=064 * — Name Layne ? — Method 65=H * — Finish 66=G *

CASING

R=76* — T=A * — 59#1*

Top csgn. 77# 0. * — Bot. csgn. 78= . * — Diam. 79# 12. *

R=76* — T=A * — 59#1*

Top csng 77# . * — Bot. csgn. 78= . * — Diam. 79# . *

OPENINGS

R=82* — T=A * — 59#1* — Top 83# 232. * — Bottom 84=292. *

Type 85=S * — Diam. 87=8. * — Size 88= . *

R=82* — T=A * — 59#1* — Top 83# . * — Bottom 84= . *

Type 85= * — Diam. 87= . * — Size 88= . *

YIELD

R= * — T=A * — 147# 1 * — Q 150=584. * — Q/S 272= . *

134 flows 146 pumped

.01 IN#

LEFT

R=42 T= A Well type 030 T Intake 44 7 0 Power type E

Date 38= / / 1974 N.P. 46=

LOGS

R=198 T= A Log 1990 D Top 200= Bot 201= 2 4 0

R=198 T= A Log 1990 E Top 200= Bot 201= 1 2 7 0

R=189 T= A E Log No. 1900 1910= L S I

ANL.

R=114 T= A Year 1150 117= 120=

AQUIFERS

R=90 T= A 2560 1 Top 91= Bot 92=

Unit ID 93= 122HBRG Name of Unit

R=90 T= A 2560 2 Top 91= Bot 92=

Unit ID 93= Name of Unit

HYDRAULICS

R=98 T= A 990 1 Unit tested 100= 103=

R=105 T= A 990 1 Test No. 1060

107= Transmissivity (gal/d)/ft

108= Hydraul. cond. (gal/d)/ft^2

110= Storage coeff. Boundaries

R=122 T= Yr Begin 1220 Network 288 f

Water - level Data Collection (1)

WL: 81 (1974)
87 (1981) USGS
91 (1984) Jaye

COVINGTON
[redacted] E27
7-26-74
Elog #66

Card 09831

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

CODED

WATER WELL DRILLERS LOG

7-26 date well completed 19 74 Singer-Layne Central Div. firm name Covington county well located

LANDOWNER: North Covington Water Association
Collins, Miss (mailing address)

WELL LOCATION:
sec. 22 T. 8 N. R. 17 W.
(distance) miles (direction) of (nearest town)

WELL PURPOSE: [redacted] (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 12"
(2) total depth (feet) 298'
(3) static water level (feet) 81' below top of ground.
(4) casing Steel (material) . 225' (depth) .
12" (size) ↓ 40' 8" If telescope see back.
(5) screen 60' (length) . 232 (depth to top)
8" (size) . St. Steel W.W. (material)
(6) pump 60 (HP) 400 (yield gpm)
Electric (type power)
(7) electric log yes (yes or no)
Miss Geo. Survey (organization running log)
(8) how well bottom plugged Valve

DRILLERS REMARKS:

description of formations encountered	from	to
White Sand & Clay	0	6
Red Sand & Clay Streaks	6	26
Red Sand, Clay & Gravel Strks	26	68
Sand, Gravel & Clay Strks	68	223'
Sand & Gravel	223	309

CODED

939 2

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

RECEIVED
NOV 09 1999
Dept. of Environmental Quality
Office of Land & Water Resources

FORM OLWR-AP-2 (REV. 4/98)

This box is for office use only. 12-14-99AGN.

Issued: 1-9-1990	Expires: 12-14-2009	Fee Paid: 4	Permit No.
Lat. 313850	Long. 894126	Elev. 430	USGS No. E27
Quad. LONESTAR	ASCS Farm No.	STAC.	MSDOH No. 0160011
Aquifer: MOCN	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** **RENEWAL - PERMIT NO.** 09831

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: North Covington Water Assn. (Name) 64-0579806 (SSN or Tax ID No.)

P.O. Box 8 (Address)

Mt. Olive MS 39119 (City) (State & Zip) (601) 797-4250 (Telephone No.)

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

_____ (Name) _____ (SSN or Tax ID No.)

NO MAP

_____ (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 NE 1/4 of Section 22, Township 8N, Range 12W, 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.:** 1600 11
2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____. If well has already been drilled, when was well completed (date)?_____, 19 73. Under whose name was well originally drilled (if known)? _____
3. Description of proposed or completed well:
   (a) DEPTH OF WELL: 298 feet. DRILLER: Wayne Central
   (b) SURFACE CASING: Length _____ feet; Diameter _____ inches; Type Steel
   (c) SCREEN: Length 4 3/6 feet; Diameter 8 inches; Type WW
   (d) PUMP: Type Wayne 6"; Size _____; Capacity 650 gallons per minute; Setting depth 195-211 feet
   (e) POWER UNIT: Type _____; Size _____ horsepower
4. **PERMITTED VOLUME :**
   (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
   (b) .21 million gallons per day at a maximum rate of 650 gallons per minute

.28 M³ 11/12/99 *(CONTINUED ON BACK)* 680

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 496
   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? 48 Mil (Volume) 2000 (Year); 49 Mil (Volume) 2001 (Year); 51 Mil (Volume) 2002 (Year); 53 Mil (Volume) 2003 (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.

Cecil D EVANS
(Name)

955 BLACKJACK Rd.
(Address)

Collins, MS. 39428
(City, State, Zip)

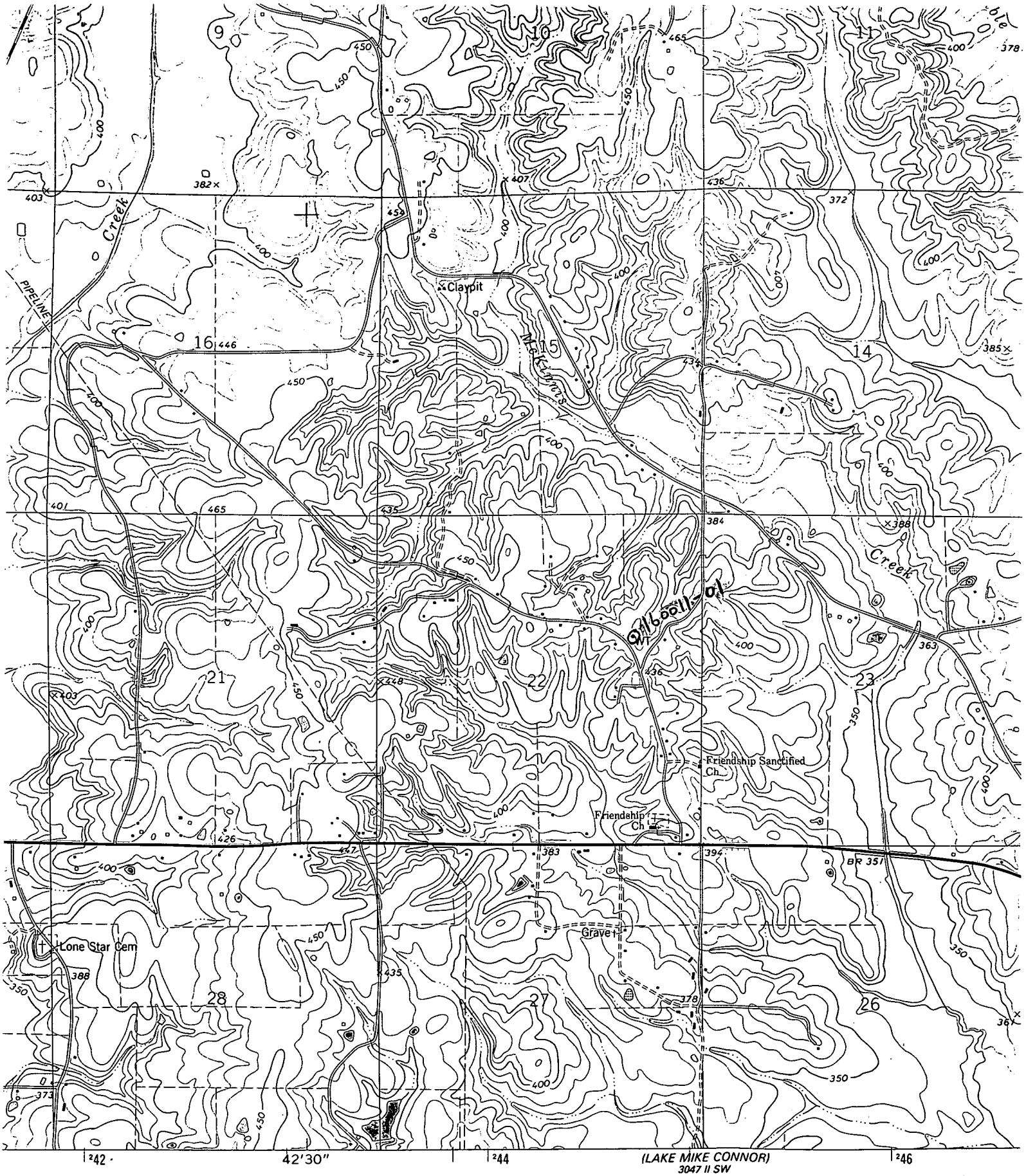
601-765-6815
(Telephone)

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.

Cecil D Evans
(Signature)

Subscribed and sworn to before me this 8 day of Nov, 1999, at Mt Olive County of Covington

My commission expires June 30, 2003; Myra McBeth Notary Public.



SCALE 1:24 000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

MN

GN

1°25' 25 MILS

3½° 62 MILS

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 7/18/96

UNIT DEQ #: 82859 FILE #: B07 18 22 A

HEALTH DEPT. #: 160011-01 ELEV. 430

USGS #: E-27 OLWR #: MS-GW-15270

OWNER: North Covington W/A South QUAD: Lone Star

LOCATION: NW/NE/SE S 22 T 8N R 17W COUNTY: Covington

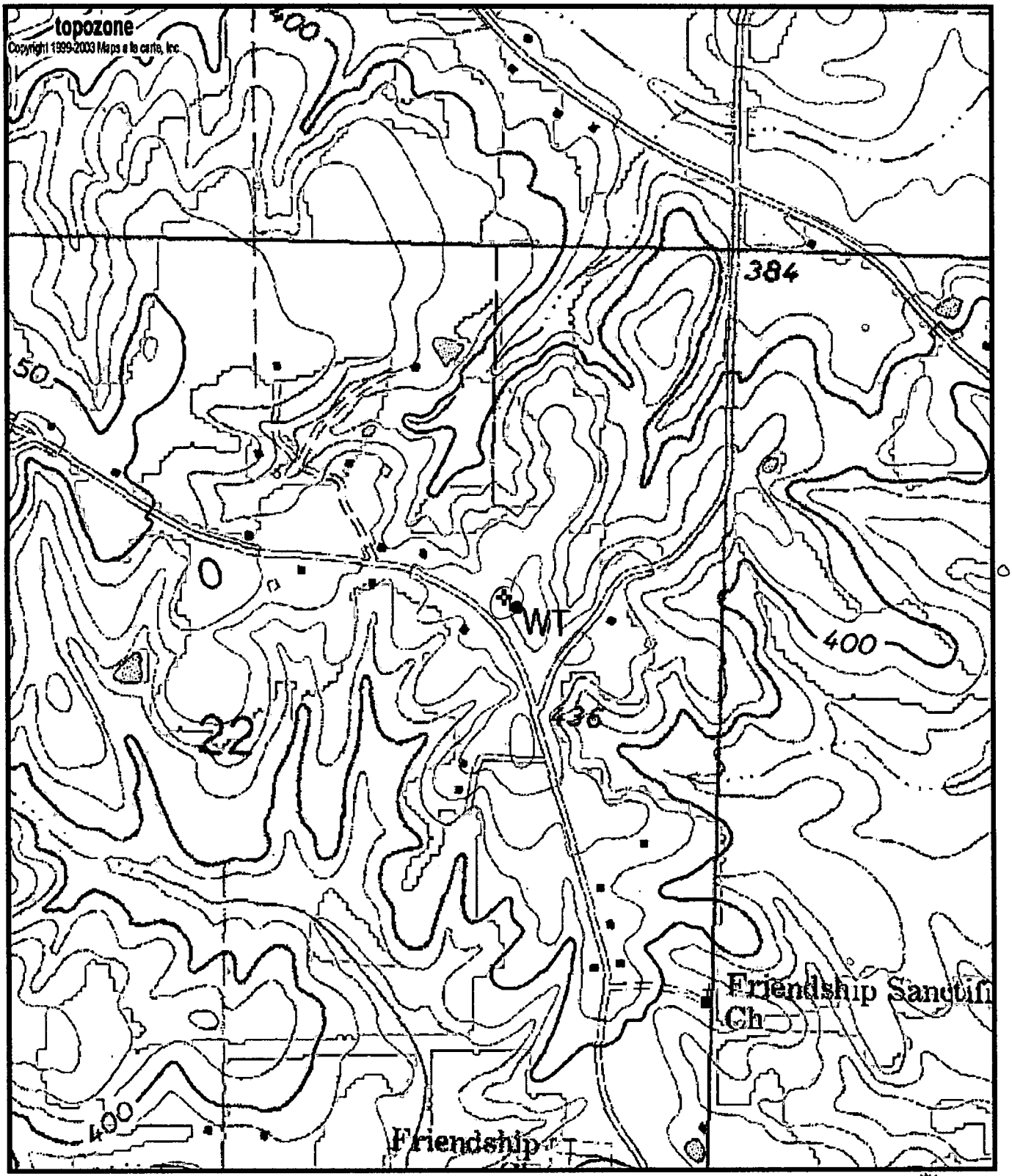
LOCATION DESCRIPTION: At Elev. Tank at Intersection of Friendship Rd. And Flowers Rd./.65 mi. N of Hwy 84 W/7.5 mi. W of Hwy 1 Collins

CASING DIA: 12" PUMP TYPE & SIZE: Elec.

GPS FIELD LOCATION: LAT. 31° 38' 53.0" LONG. 89° 41' 30.0"

GPS CORRECTED LOCATION: LAT. 31.64817247 LONG. 89.69156234

REMARKS: GPS at Well



0160011-01
GW09831
E27

0 0.1 0.2 0.3 0.4 0.5 km
0 0.09 0.18 0.27 0.36 0.45 mi

M
G

Map center is 31° 38' 54"N, 89° 41' 30"W (WGS84/NAD83)
Lone Star quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=0.135
G=-1.413