

1/77

Recorded by WTO  
Date 4-12-77

U.S. GEOLOGICAL SURVEY **TRANSMITTED FOR ADP**  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT  
WELL RECORD

Well No. LS  
E-Log No. \_\_\_\_\_  
County Desoto

Site ID 344754089583101 R=0\* T=A\* 2=W\* Hernando Quad

GEN. SITE DATA

Data reliab. 3=U\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=033\*

Lat. \_\_\_\_\_ Long. / 9=344754\* 10=0895831\* Well No. 12=1058\*

SW NW Location 13=SWSE S 30 T 03S R 07W\* Alt. 16=380\* 375

Hyd. Unit (OWDC) 20= \_\_\_\_\_ Date 21=03/15/1977\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=340\* Well depth 28=338\*

WL 30=138\* Date 31=03/15/1977\* Source 33=D\*

Status 273=Y\*

OWNER

R=158\* T=A\* Date 159=03/15/1977\* Owner No. \_\_\_\_\_

Owner 161=BELMONT, W. A. WA SPRT

FIELD QW

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=03/15/1977\* Remarks \_\_\_\_\_

Drlg. 63=125\* Name R. Wilson Method 65=H\* Finish 66=S\*

CASING

R=76\* T=A\* 59#1\*

Top csgn. 77# 0\* Bot. csgn. 78=298\* Diam. 79# 6\*

R=76\* T=A\* 59#1\*

Top csgn. 77# \_\_\_\_\_ Bot. csgn. 78= \_\_\_\_\_ Diam. 79# \_\_\_\_\_

OPENINGS

R=82\* T=A\* 59#1\* Top 83# 298\* Bottom 84=338\*

Type 85=S\* Diam. 87=6\* Size 88= \_\_\_\_\_

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=242\* Q/S 272= \_\_\_\_\_

134 flows 146 pumped

R=42\* T= A \* Lift type 43# S\* Intake 44= \* Power type 45= E\*

LIFT Date 38= 03/15/1977\* H.P. 46= 20.\*

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 340.\*

R=198\* T= A \* Log 199# \* Top 200= \* Bot 201= \*

R=189\* T= A \* E Log No. 190# \* 191= M I S S D I S T \*

ANAL. R=114\* T= A \* Year 115# \* Type 120= \*

R=90\* T= A \* 256# 1 \* Top 91= 251.\* Bot 92= 340.\*

Unit ID 93= 124SPRT \* Name of Unit

R=90\* T= A \* 256# 1 \* Top 91= \* Bot 92= \*

Unit ID 93= \* Name of Unit

R=98\* T= A \* 99# 1 \* Unit tested 100= \*

R=105\* T= A \* 99# 1 \* Test No. 106# \*

7= \* Transmissivity (gal/d)/ft

8= \* Hydraul. cond. (gal/d)/ft<sup>2</sup>

10= \* Storage coeff. Boundaries

2 miles S. of Hernado, Me.

11/11/77

DESOTO  
L 58  
3-15-77

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201  
Robert Wilson Well Cont.  
WATER WELL DRILLERS LOG

CODED

Feb Mar 15 1977 Wilson's Inc. Desoto  
date well completed firm name county well located

LANDOWNER:  
Belmont Water Assn.  
Hernando, Miss  
(mailing address)

WELL LOCATION:  
sec 30 T 8 N R 7 E  
3 S W  
2 miles S of Hernando  
(distance) (direction) (nearest town)

WELL PURPOSE: Municipal  
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 6"
  - (2) total depth (feet) 338
  - (3) static water level (feet) 138 below above top of ground.
  - (4) casing PVC, 298 (material) (depth)
  - (size) If telescope see back.
  - (5) screen 6" 298 (length) (depth to top)
  - (size) (material) PVC, gravel
  - (6) pump 20 242 (HP) (yield gpm)
  - (type power) 3/0
  - (7) electric log NO (yes or no)
  - (organization running log)
  - (8) how well bottom plugged PVC, CAP

description of formations encountered	from	to
Red Clay	0	16
Gravel	16	20
White Clay	20	74
White Sand	74	76
White Clay	76	160
White Sand	160	173
White Clay	173	179
Rock	179	180
White Sand	180	200
White Sand-White Clay-Rock	200	220
White Sand	220	248
White Clay	248	257
White Sand	257	340

CODED

RECEIVED

MAR 21 1977

MISS. BD. OF WATER COMM

DRILLERS REMARKS:

RECEIVED  
APR 15 1996

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FROM  
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) 961-5200

This box is for office use only. 5 FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>5-28-96</u>	Expires: <u>5-28-2006</u>	Fee Paid: <u>X</u>	Permit No. <u>GW-15078</u>
Lat. <u>34-47-22</u>	Long. <u>89-58-49</u>	Elev. <u>355</u>	USGS No. <u>L58</u>
Quad. <u>Hernando</u>	ASCS Farm No.	STAC.	MSDOH No. <u>170001-02</u>
Aquifer: <u>SPRT</u>	Tract No.		Basin No.
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 (WELL # 2, FRONT WELL)  
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: BELMONT WATER ASSN., INC. 64-0779414  
(Name) (SSN or Tax ID No.)

P.O. BOX 156  
(Address)

HERNANDO, MS. 38632-0156 (800) 895-9790  
(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):  
NE CORNER of the SW 1/4 of Section 30, Township 3 South, Range 7 West, County DESOTO

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: SPARTA MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0170001-02

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? MARCH 15, 1977 Under whose name was well originally drilled (if known)? BELMONT WATER ASSN., INC.

3. Description of proposed or completed well:  
(a) DEPTH OF WELL: 338 feet. DRILLER: Robert Wilson, Inc.  
(b) SURFACE CASING: Length 298 feet; Diameter 6 inches; Type PVC  
(c) SCREEN: Length 40 feet; Diameter 2 6 inches; Type PVC  
(d) PUMP: Type Submersible; Size 5 PHASE; Capacity 250 gallons per minute; Setting depth \_\_\_\_\_ feet  
(e) POWER UNIT: Type 3 PHASE; Size 20 horsepower

4. PERMITTED VOLUME:  
(a) \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute  
(b) 12,360,000 million gallons per day at a maximum rate of 250 gallons per minute  
67,000 AVG. 380

4/16/96

(CONTINUED ON BACK)

**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 \_\_\_\_\_  
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. \_\_\_\_\_
- 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 SEE WELL #1  
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?  
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)
- 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.

Eddie Waldrop  
(Name)  
5930 BELMONT RD.  
(Address)  
HERNANDO, MS. 38632  
(City, State, Zip)  
601-429-4956  
(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.

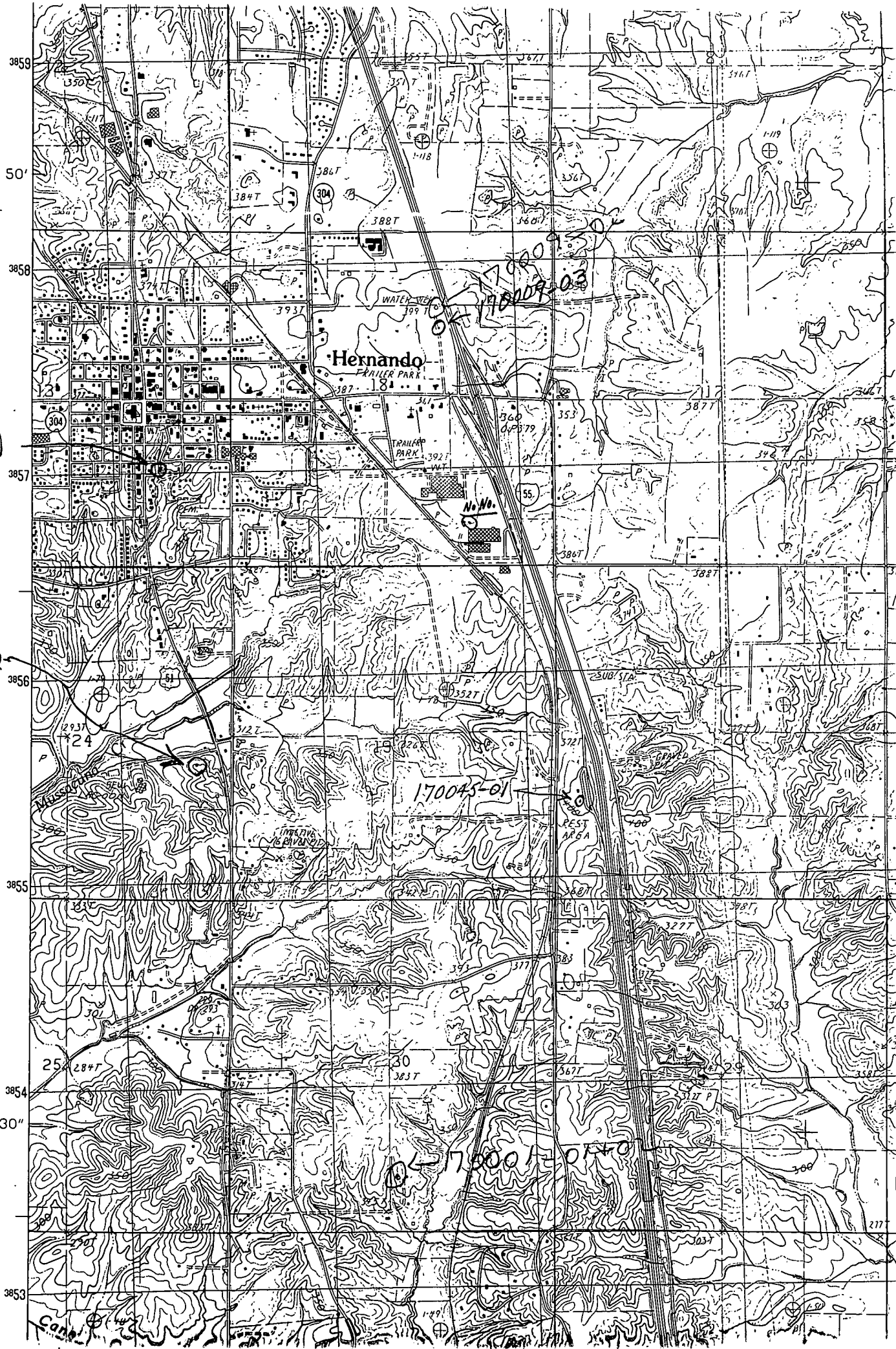
Eddie Waldrop, Treasurer  
(Signature)

Subscribed and sworn to before me this 10 day of April, 1996, at Hernando, TN County of Shelby  
My commission expires My Commission Expires 10-28-96 Reggie Jackson Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SAB & PEG CAP/DRB DATE: 7-23-96  
7/27/97  
UNIT DEQ #: 84690 FILE #: 80723190  
80727150  
HEALTH DEPT. #: 170001-02 ELEV. 345  
USGS #: 453 L58 OLWR #: MS-GW-15078  
OWNER: BELMONT W/A  
LOCATION: NW/SW/SE S 30 T 35 R 7W COUNTY: DeSoto  
HERNANDO QUAD  
LOCATION DESCRIPTION: SW CORNER of PLANT YARD, JUST  
INSIDE GATE  
CASING DIA: 4" PUMP TYPE & SIZE: SUBMERGIBLE -  
GPS FIELD LOCATION: LAT. 34.47324N LONG. 89.59051W  
34.78916080  
GPS CORRECTED LOCATION: LAT. 34.98460148 LONG. 89.98460148  
REMARKS: SEE WELL # 1 LOCATION -  
#2 is 40ft west of #1  
GPS Located at #2



70089-01  
x Cr. Bottom

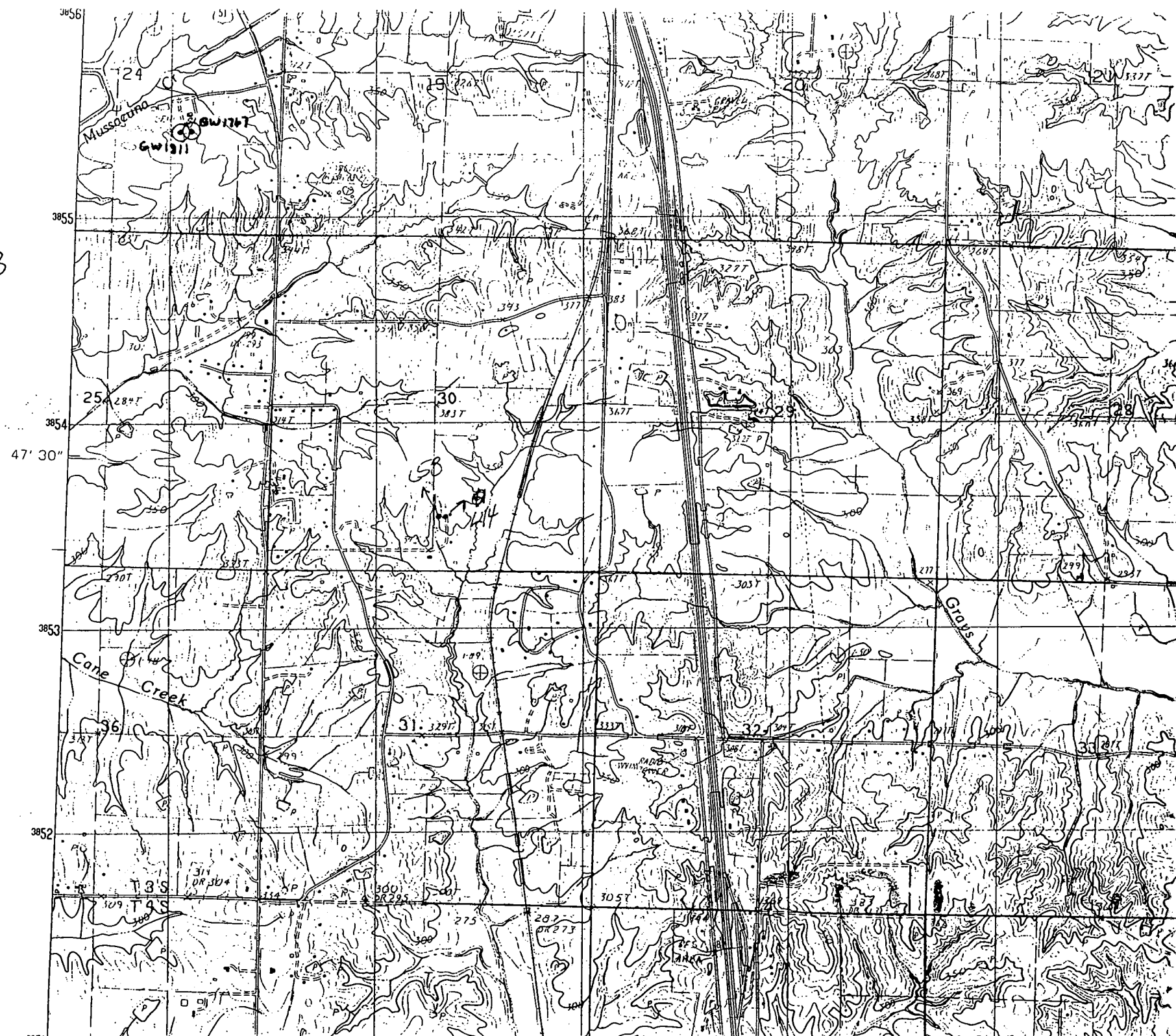
0044-01-02

170045-01

04-70001-01-02

47' 30"

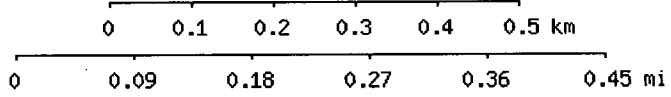
L14  
L58







017001-02  
6W15078  
L58



Map center is 34° 47' 21"N, 89° 59' 05"W (WGS84/NAD83)  
**Hernando** quadrangle  
Projection is UTM Zone 16 NAD83 Datum

