

Recorded by WTO
Date 5-14-76

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

TRANSMITTED FOR ADP
Well No. L55
E-Log No. 30
County De Soto

Site ID 344806089581801 R=0* T=A* 2=W*
5 19

Hernando
Quad

GEN. SITE DATA

Data reliab. 3=C* U Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=033*
Lat. Long. 9=344806* 10=0895818* Well No. 12=L055*
Location 13=~~NW~~ S 20 T 03 S R 07 W* Alt. 16=390* 401
Hyd. Unit (OWDC) 20= * Date 21=04/28/1976*
Well use 23=W* Water Use 24=P* Hole depth 27=1471* Well depth 28=1397*
WL 30=211* Date 31=04/28/1976* Source 33=D*
Status 273=Y*

WUCKL

OWNER

R=158* T=A* Date 159# 04/28/1976* Owner No. Rest Area Site A
Owner 161=MS STATE HWY DEPT S bound
ms Dept. of Transportation Abandoned

FIELD LOG

R=192* T=A* Date 193# 07/1/31/1978* Temp. 196#00010* 197=24.0*
R=192* T=A* Date 193# 07/1/31/1978* Cond. 196#00095* 197=22.0*
R=192* T=A* Date 193# 07/1/31/1978* pH 196#00400* 197=7.4*

CONSTR.

R=58* T=A* 59# 1* Date 60=04/28/1976* Remarks
Drlg. 63=125* Name R. Wilson Method 65=H* Finish 66=S*
(R.Lipe Sub.)

CASING

R=76* T=A* 59# 1*
Top csng. 77# 0.* Bot. csng. 78=1337.* Diam. 79# 4.*
R=76* T=A* 59# 1*
Top csng 77# . * Bot. csng. 78= * Diam. 79# . *

OPENINGS

R=82* T=A* 59# 1* Top 83# 1337.* Bottom 84=1397.*
Type 85=S* Diam. 87=2.5* 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=111.* Q/S 272= *
134 flows 146 pumped

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

LIFT Date 38= 04/28/1976* H.P. 46= 10.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1471.*

R=198* T= A * Log 199# E* Top 200= 55.* Bot 201= 1464.*

R=189* T= A * E Log No. 190# 030* 191= M I S S D I S T *

ANAL. R=114* T= A * Year 115# 1978* Type 120= B*

R=90* T= A * 256# 1* Top 91= 1330.* Bot 92= 1430.*

AQUIFERS Unit ID 93= 124WLCXL* 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# *

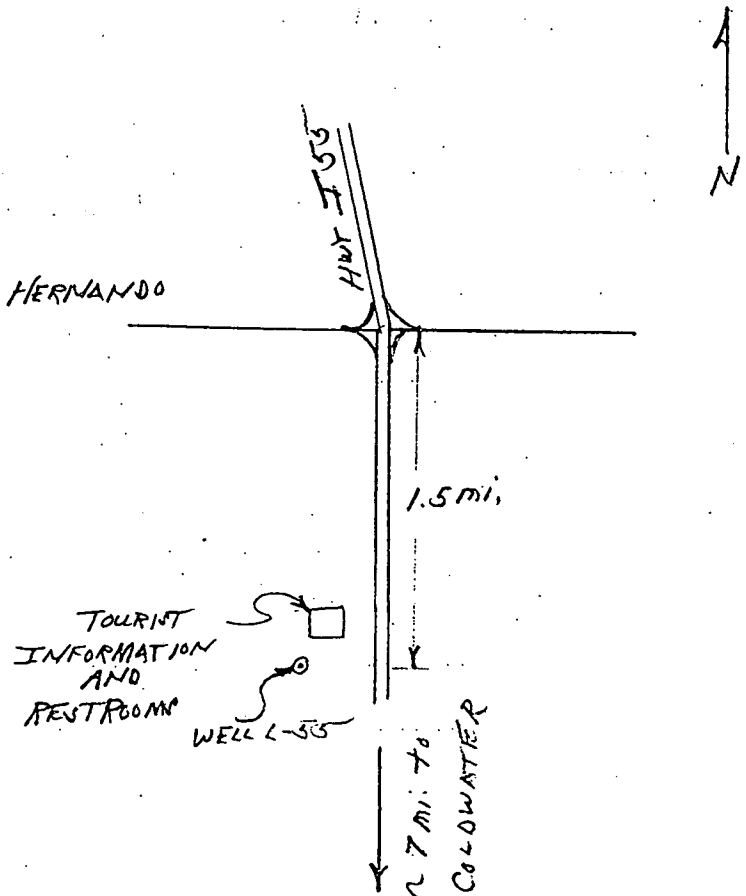
107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

HYDRAULICS

REPORTED WATER LEVEL, 4-28-1976, BY DRILLER 204 FT



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

LIFT Date 38= 04/28/1976* H.P. 46= 10.*

LOGS
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1471.*
 R=198* T= A * Log 199# E* Top 200= 55.* Bot 201= 1464.*
 R=189* T= A * E Log No. 190# 030* 191= M I S S D I S T *

ANAL. R=114* T= A * Year 115# 1978* Type 120= B*

R=90* T= A * 256# 1 * Top 91= 1330.* Bot 92= 1430.*
 Unit ID 93= 124WLCXL* 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= *

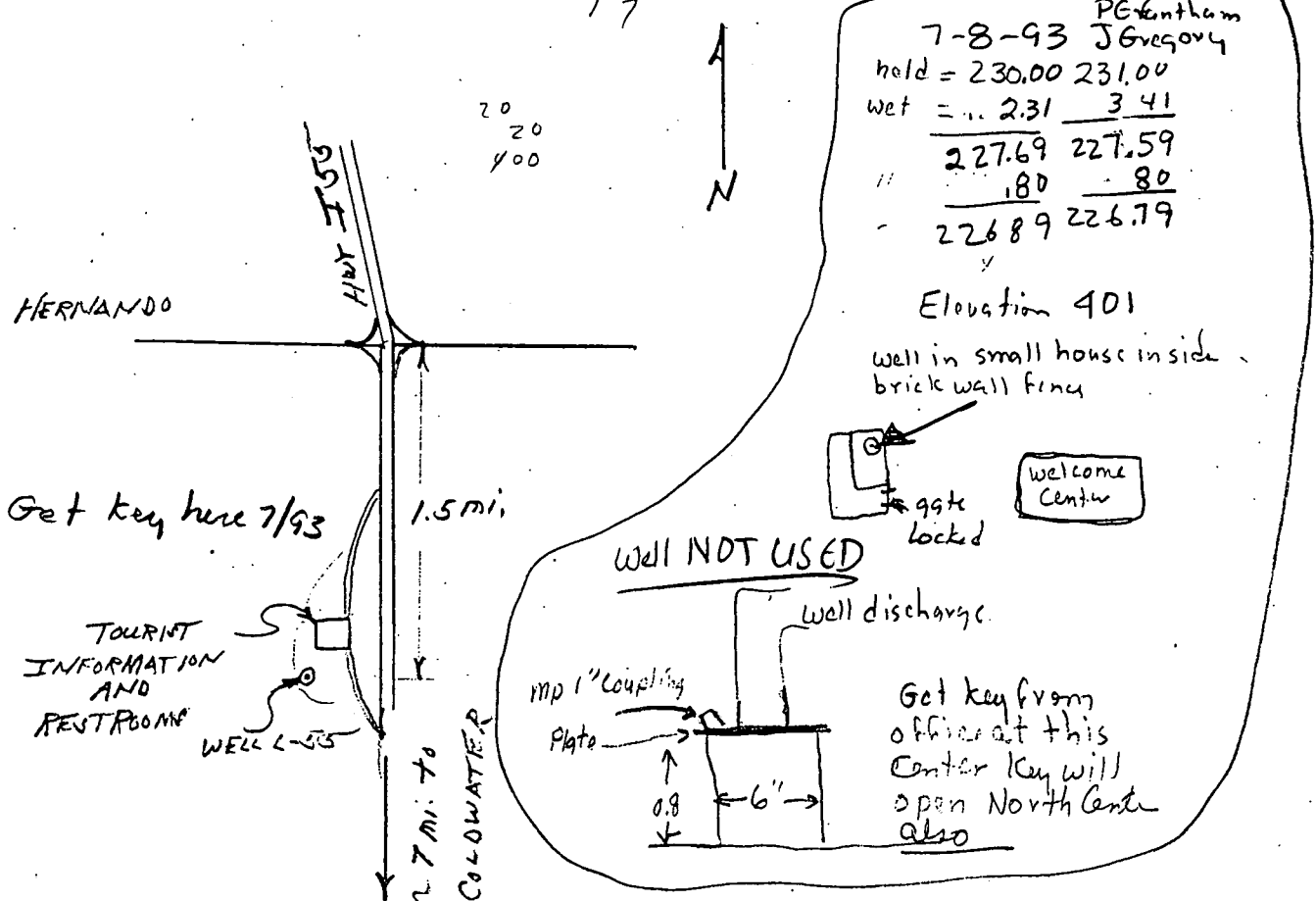
R=105* T= A * 99# 1 * Test No. 106# *

HYDRAULICS 107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

REPORTED WATER LEVEL, ⁹³ 4-28-1976, ¹⁷ BY DAILERA 204 FT



DESOTO
L55
4-19-76
FLW #30

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

April 19 1976 Wilson's Inc. DeSoto
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Miss. State Hwy Dept. Rest Area Site "A" (mailing address)			
WELL LOCATION: sec. 19 T. 3 N R. 7 E 1 miles S of Hernando Exp. (distance) (direction) (nearest town)	Gravel	20	90
WELL PURPOSE: (home, irrigation, municipal, industrial)	Sand	90	120
WELL COMPLETION DATA:	Clay	120	200
(1) diameter (inches) 6"	Sand	200	430
(2) total depth (feet) 1418'	Clay	430	435
(3) static water level (feet) 204' below top of ground.	Fine Sand	435	620
(4) casing Steel, (material), 1358' (depth), 1418'	Clay	620	660
4x 2 1/2" (size) If telescope see back.	Sand	660	930
(5) screen 60" (length), 1358" (depth to top)	Clay	730	740
2 1/2" (size), S.S. (material)	Sand	740	918
(6) pump 10 (HP), 111 (yield gpm)	Clay	918	1060
Sub. Pump. (type power)	Fine Sand & Clay	1060	1331
(7) electric log VPS (yes or no)	Sand	1331	1451
Miss. Geo. Survey (organization running log)	Clay	1451	1471
(8) how well bottom plugged Backwash valve			
DRILLERS REMARKS:			

CODED

MAR 21 1977

MISS. BD. OF WATER COMM

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY DESOTO

Hernando Quad
U.S.G.S. E-10 # 30

WELL OWNER Miss. St. Highway Dept. - Rest Area Site A (Southbound) I-55 **CHECKED**

U.S.G.S. NO. L-55 10/18/94

B.O.H. NO None (well not used) 10/18/94

OLWR NO. _____

LOCATION:

MAP SW, NW, SW S 20, T 3 S, R 7 W 10/18/94

GPS _____

ELEV. (MSL) 401' 10/18/94

W.L. (L.S.) (1) ✓ - 226.89' 10/18/94

(2) - 226.79' 10/18/94

HEAD (MSL) + 174.11' 10/18/94

SCREENED INTERVAL 1,337' - 1,397' (LS) - 936' - -996' (MSL) 10/18/94

AQUIFER VERIFIED Lower Wilcox 10/18/94

PREVIOUS W.L. - 211' (1976) 10/18/94

DATA ENTERED _____

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SHB + PEG CAR/DRB DATE: 7-23-96
UNIT DEQ #: 84090 FILE #: 80723.22A
HEALTH DEPT. #: 170045-01 ELEV. 392
USGS #: L55 OLWR #: None
OWNER: MS. Hwy DEPT.
LOCATION: SW/NW/SW S 20 T 35 R 7W COUNTY: DeSoto
LOCATION DESCRIPTION: AT MS WELCOME STATION IN BRICK
HERNANDO QUAD
BUILD SOUTH OF CENTER 150'
CASING DIA: 4" PUMP TYPE & SIZE: Sub.
GPS FIELD LOCATION: LAT. 34.48355 LONG. 89.58254 W
34° 48' 22.5" 89° 58' 15.9"
GPS CORRECTED LOCATION: LAT. 34.80628550 LONG. 89.47081218
REMARKS: INTERSTATE 55 SOUTH OF HERNANDO SOUTH BOUND
MS. WELCOME CENTER

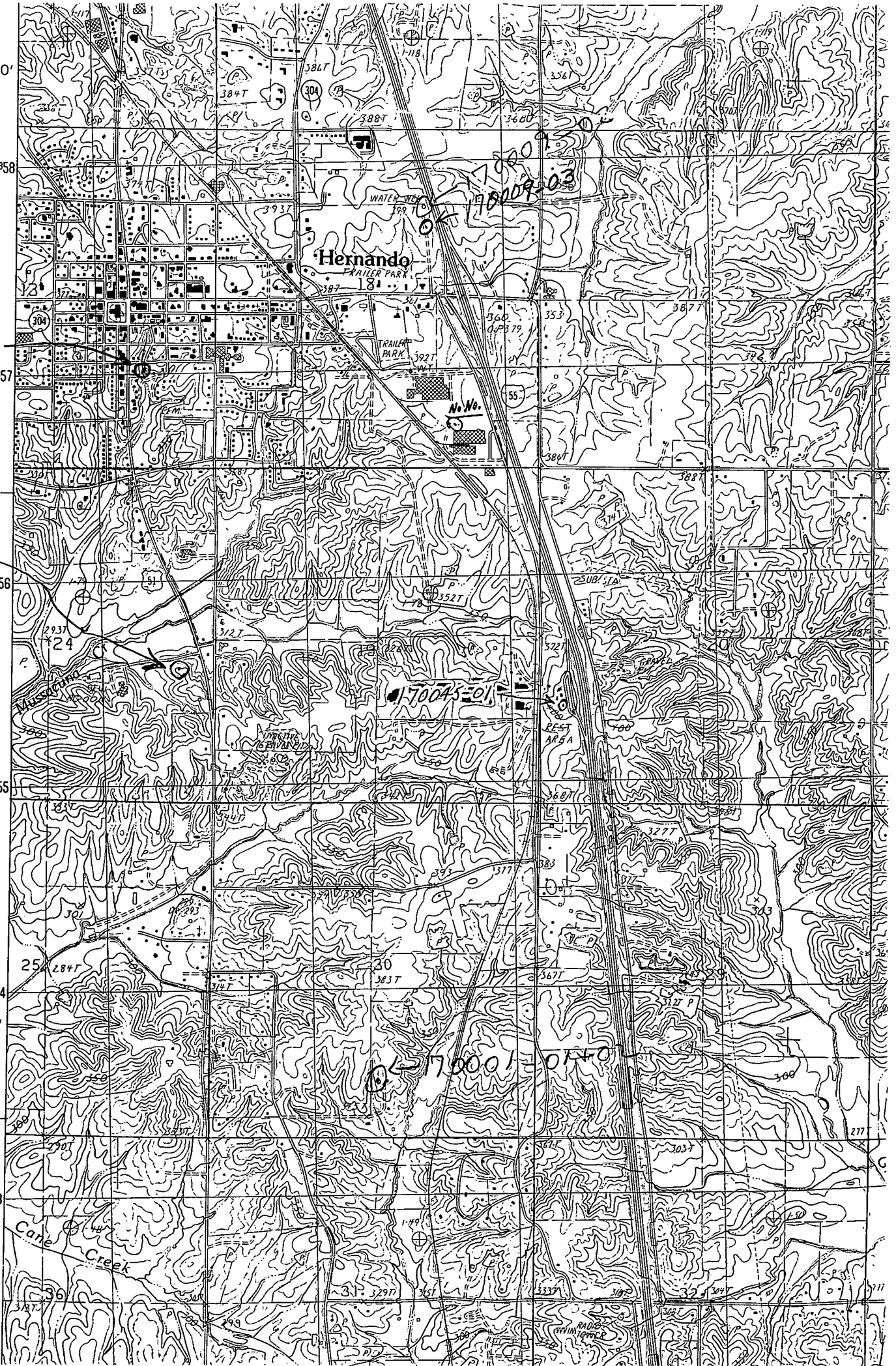
70009-01
ix Cr. Bottom

0044-01-02

70045-01

70001-01-0

50'
3858
3857
3856
3855
3854
47' 30"
3853



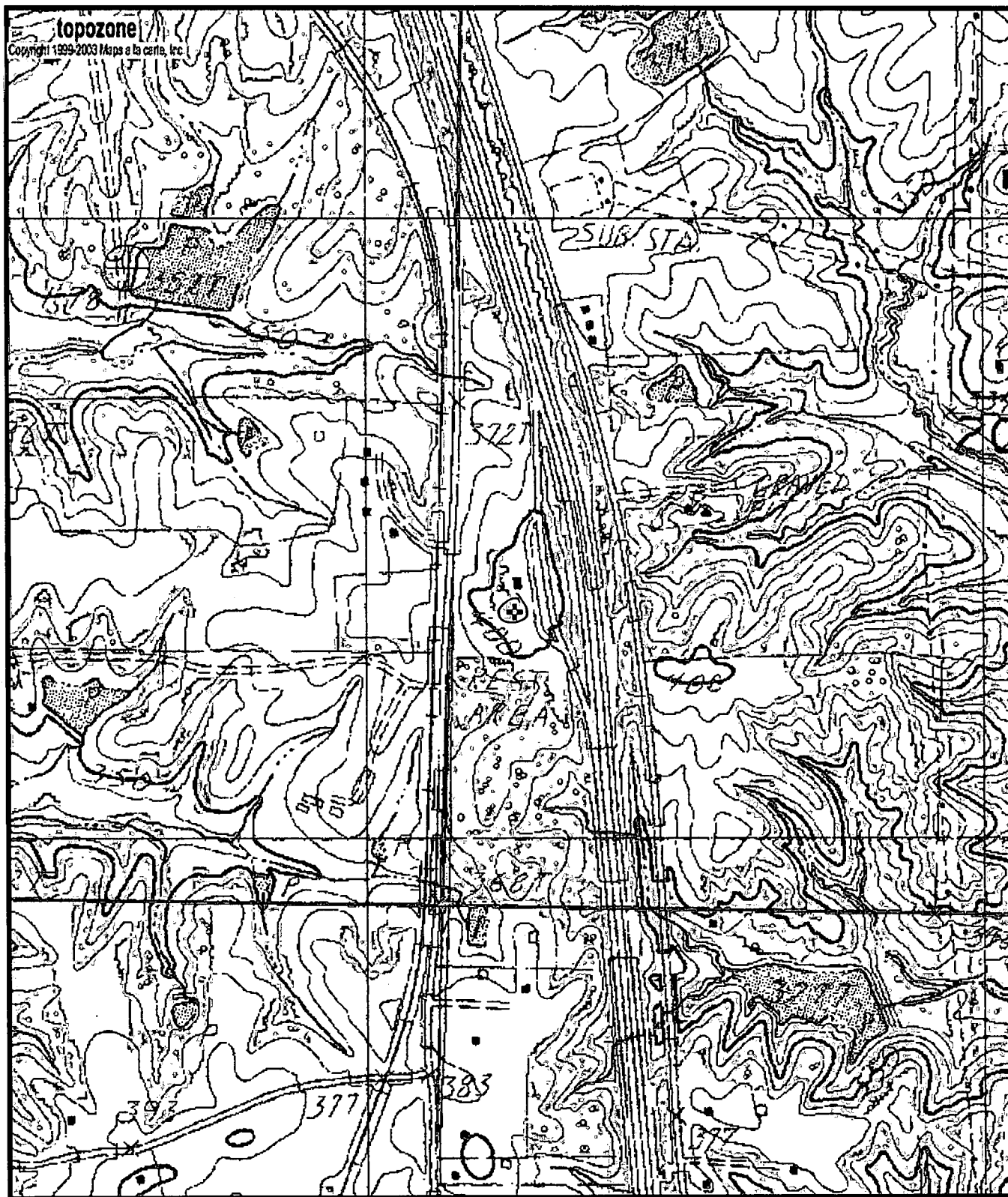
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L55. De Soto Co.
4/11/2000

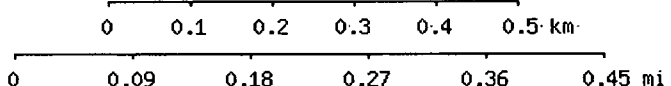




HERKANDO QUAD



0170045-01
L55



Map center is 34° 48' 23"N, 89° 58' 15"W (WGS84/NAD83)
Hernando quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.022
 G=-1.697