

Recorded by WTO
Date 7-12-76

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

Well No. L57
E-Log No. 31
County DeSoto

12/77

30C

Site ID 344101089571101 R=0* T=A* 2=W*

GENERAL DATA

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=033*
Lat. 34 46 46
Long. 9=34 40 1 10=089571 Well No. 12=L057*

Location 13=NEW SOSTOAS R 07 W Alt. 16=360
NE NEW SOSTOAS R 07 W
Hyd. Unit (OWDC) 20= Date 21=06/01/1976

Well use 23=W* Water Use 24=P* Hole depth 27=1450. Well depth 28=1324.

WL 30=165. Date 31=05/01/1976 Source 33=D*

Status 273=Y*

OWNER

R=158* T=A* Date 159#05/01/1976 Owner No. Res + Area Site B
Owner 161=MS STATE HWY DEPT ISS N. bound
AB WLC&L

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=05/01/1977 Remarks
Drlg. 63=125* Name R. Wilson Method 65=H* Finish 66=S*
(Ray life sub)

CASING

R=76* T=A* 59#1*
Top csgn. 77#0. Bot. csgn. 78=1284. Diam. 79#4.
R=76* T=A* 59#1*
Top csgn 77# Bot. csgn. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83#1284. Bottom 84=1324.
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=55. Q/S 272=
134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# 9* Intake 44= * Power type 45= E*

Date 38= 05/01/1977* H.P. 46= 5.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1450.*

R=198* T= A * Log 199# E* Top 200= 60.* Bot 201= 1438.*

R=189* T= A * E Log No. 190# 03.1* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * Type 120# *

AQUIFERS

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

Unit ID 93= 124 WLCXL * Name of Unit

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

Unit ID 93= * Name of Unit

HYDRAULICS

R=93* T= A * 99# 1 * Unit tested 100= *

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

107= * Transmissivity (gal/d)/ft

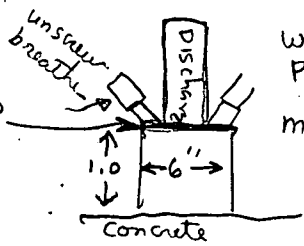
108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

WL Data

10/23/79
 WL = 171.00

H C
 200 1160
 201 1257



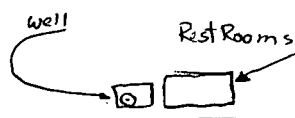
well disconnected from tank and power (no electric)
 man said we can climb fence to get to well
 well is 6" CS6 1.00 above L.S.

1.00 above

7-8-93 MP

200	201
11.60	12.57
188.40	188.43
1.00	1.00
187.40	187.43

Rest area supplied



Elevation close to 35

189
 40
 229

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY DESOTO

Hernando Quez
U.S.G.S. E-log# 31

WELL OWNER Miss. St. Highway Dept. - Rest Area Site B (Northbound) CHECKED
I-55

U.S.G.S. NO. L-57 10/18/94

B.O.H. NO None (abandoned) 10/18/94

OLWR NO. _____

LOCATION:

MAP ~~SE~~ SE, NE, NE, NW S 5, T 4 S, R 7 W 10/18/94

GPS ? _____

ELEV. (MSL) 358' 10/18/94

W.L. (L.S.) (1) - 187.40' 10/18/94

(2) - 187.43' 10/18/94

HEAD (MSL) + 170.57' 10/18/94

SCREENED INTERVAL 1,284' - 1,324' (LS) / - 926' - - 966' (MSL) 10/18/94

AQUIFER VERIFIED Lower Wilcox 10/18/94

PREVIOUS W.L. - 171.00' (1979) / - 165' (1976) 10/18/94

DATA ENTERED _____

De Soto
L5A7
5-76
Elog #31

CODED

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201
Robert D. Wilson well cont.
WATER WELL DRILLERS LOG

May 1976 Wilson's Inc. De Soto
 date well completed firm name county well located

LANDOWNER:
Miss. State Hwy Dept.
Rest Area site "B"
 (mailing address)

WELL LOCATION:
 sec 5 T 4 N R 7 E
 (S) (W)
3 miles S of Hernando
 (distance) (direction) (nearest town)

WELL PURPOSE: Rec.
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:**
- diameter (inches) 6"
 - total depth (feet) 1393
 - static water level (feet) 165 below above top of ground.
 - casing Steel (material), (depth)
4x2 1/2 (size) If telescope see back.
 - screen 60 (length), 1333 (depth to top)
2 1/2 (size), S.S. (material)
 - pump 5 (HP), 35 (yield gpm)
Sub. Pump (type power)
 - electric log YES (yes or no)
Miss. Geol. Survey (organization running log)
 - how well bottom plugged Backwash 1 1/2

description of formations encountered	depth (feet)	
	from	to
Top Soil	0	20
Gravel	20	90
Sand	90	120
Clay	120	140
Sand	140	420
Clay	420	590
Fine Sand	590	660
Clay	660	700
Sand	700	720
Clay	720	900
Sand	900	1040
Clay	1040	1300
Fine Sand + Clay	1300	1393
Sand	1390	1400
Clay	1400	1450

RECEIVED
 MAR 24 1977
 MISS. BO. OF WATER COM.

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Bishop + Grantham DATE: 7/23/96
UNIT DEQ #: _____ FILE #: 00727228
HEALTH DEPT. #: * 170045-02 ELEV. 369
USGS #: L57 OLWR #: None
OWNER: DOT QUAD: Hervaudn
LOCATION: NW/NW/NE S 5 T 4S R 7W COUNTY: Desoto
LOCATION DESCRIPTION: at north Bound Rest station

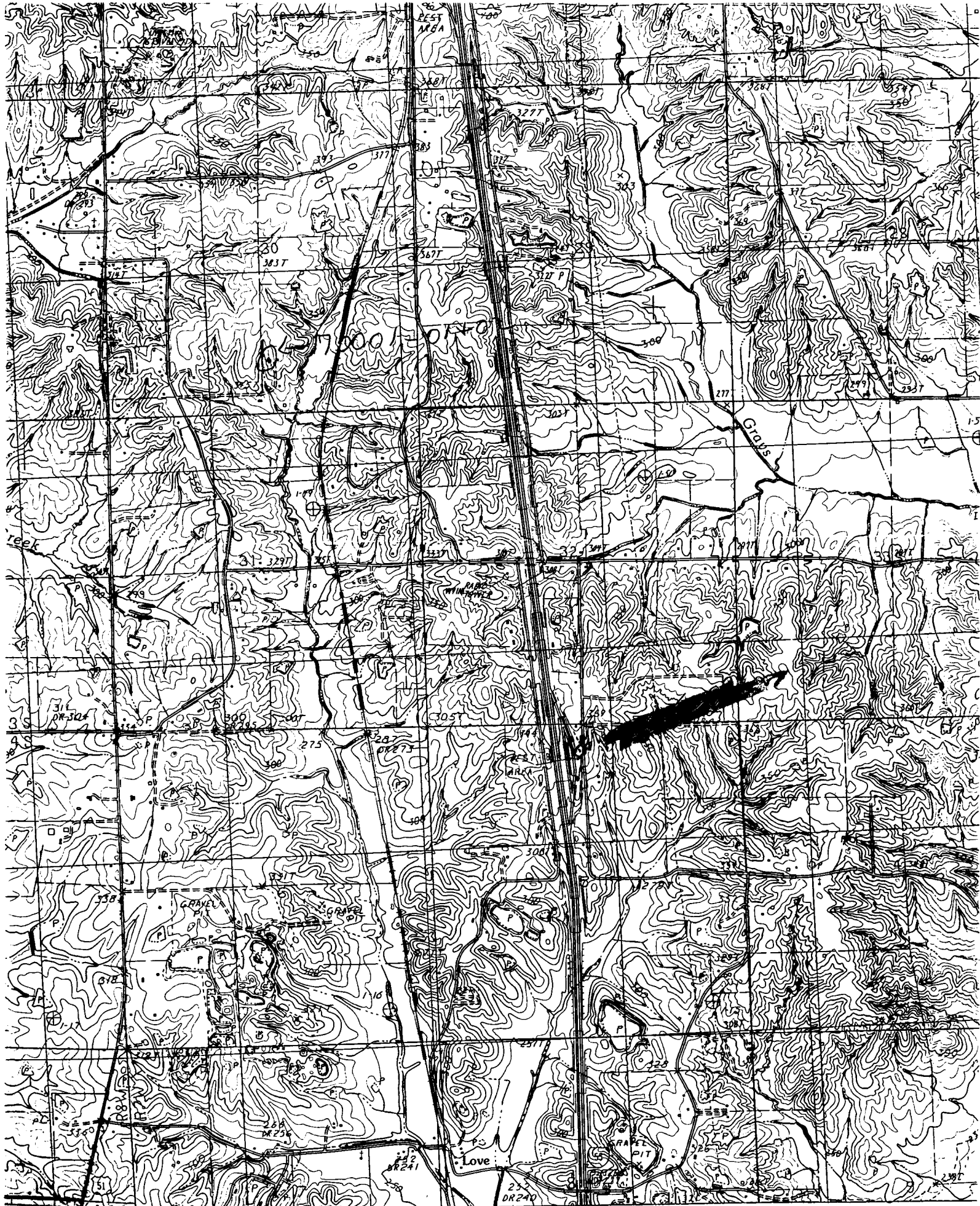
CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 34° 46' 14.7" LONG. 89° 57' 47.5"

GPS CORRECTED LOCATION: LAT. 34.77096141 LONG. 89.96310262

REMARKS: Well abandon obs. well
* No Tag Found.

Not on DOH list -

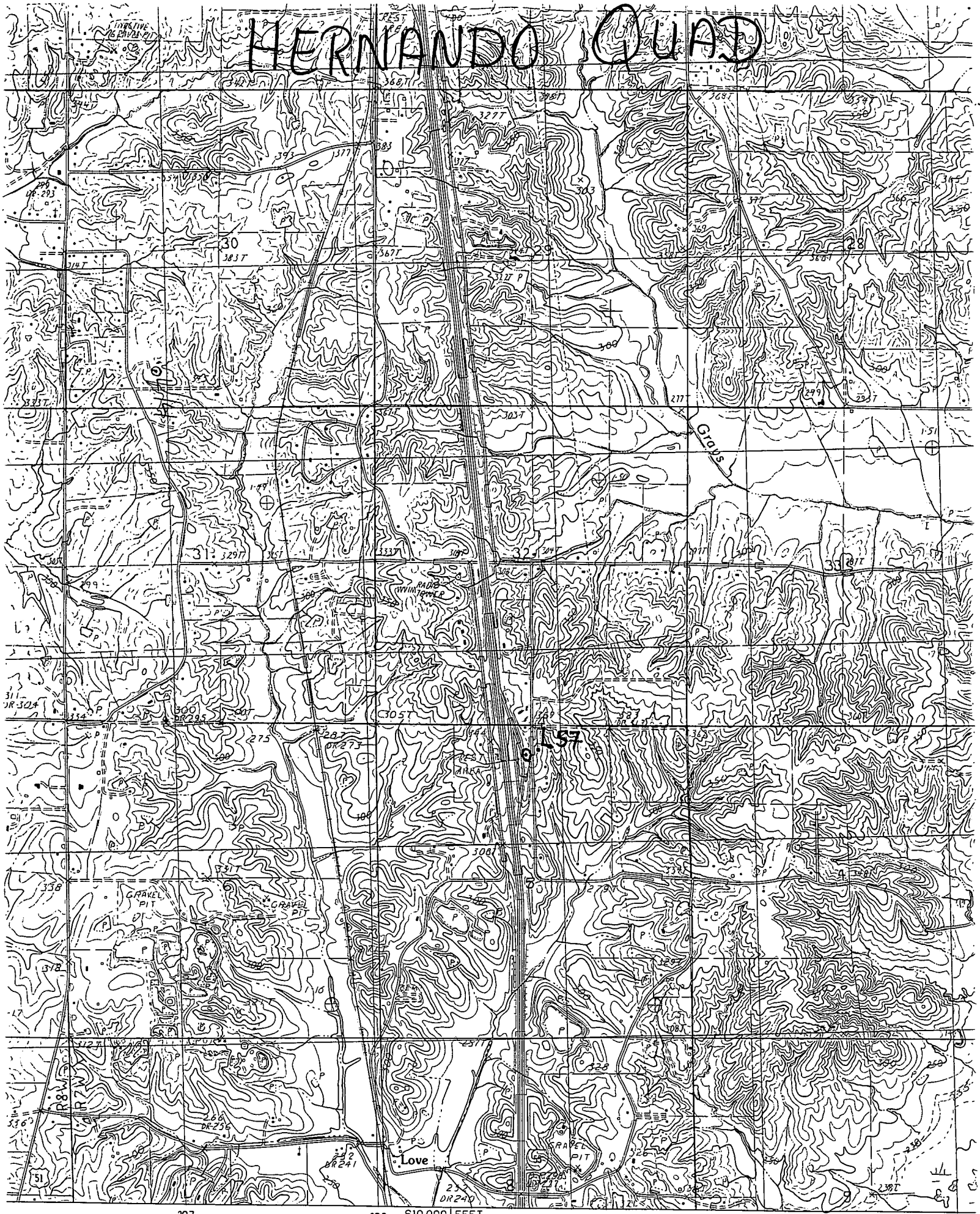


226 227 228 610 000 FEET 57' 30" 230

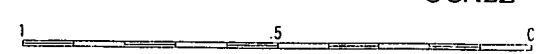
BY THE UNITED STATES GEOLOGICAL SURVEY
 AERIAL PHOTOGRAPHS TAKEN USGS AND NOS/NOAA 1975
 1977. MAP EDITED 1982



HERNANDO QUAD

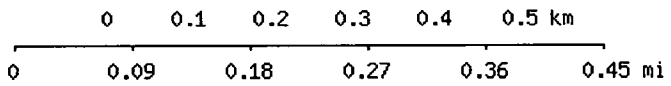


UNITED STATES GEOLOGICAL SURVEY
USGS AND NOS/NOAA
PHOTOGRAPHS TAKEN 1975
..... 1977. MAP EDITED 1982





0170045-02?
 L57
 Not on
 DoH list



Map center is 34° 46' 16"N, 89° 57' 47"W (WGS84/NAD83)
Hernando quadrangle
 Projection is UTM Zone 16 NAD83 Datum

