1/81 WTO

6WSGS
0410013-02

T/ADP
1/84

Shannon
7

Recorded by WTO

Date 9/8/83

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

Well No. Φ117

E-Log No. 115

County Lee

Shannon Quad

GEN. SITE DATA

Site ID 5 340658088425101 19 | R=0* | T= A * | 2=W*

Data reliab. 3=U* C U | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8=081*

Lat. Long./ 9=340658* | 10=0884251* | Well No. 12=Φ117*

Location 13=NENW S 19 T 11S R 06E* (SE SW) | Alt. 16=265.*

Hyd. Unit(OWDC) 20=* | Date 21=08/31/1983*

Well use 23=W* | Water Use 24=P* | Hole depth 27=614.* | Well depth 28=460.*

WL 30=120.* | Date 31=11/21/1983* | Source 33=D*

Status 273 =* | Project No. S=*

OWNER

R=158* | T=A* | Date 159#11/21/1983* | Owner No.

Owner 161#SHANNON* MU EWTW

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=11/21/1983* | Remarks

Drlg. 63=021* | Name Herndon | Method 65=H* | Finish 66=G*

CASING

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

Top csgn. 77#0.* | Bot. csng. 78=403.* | Diam. 79#12.*

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

Top csng 77#358.* | Bot. csgn. 78=400.* | Diam. 79#6.*

OPENINGS

R=82* | T=A* | 59#1* | Top 83#400.* | Bottom 84=460.*

Type 85=S* | Diam. 87=6.* | Size 88=*

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

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

FIELD

R=* | T=A* | 147#* | Q 150=39.6* | Q/S 272=*

LIFT

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

Date 38= 1 1/21/1983 * H.P. 46= 40. *

LOGS

R=198* T= A * Log 199# E * Top 200= 45. * Bot 201= 508. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 614. *

R=189* T= A * E Log No. 190# 115 * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 390. * Bot 92= 500. *

Unit ID 93= 21 1 EUTW * Name of Unit _____

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

Unit ID 93= * Name of Unit _____

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

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

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

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

110= * Storage coeff. Boundaries _____

R=121* T= * Yr Begin 122# * Network 258 # *

Water Level Data Collection (1)

description of formations encountered	from	to
Red Clay	0	15
Blue Clay	15	240
Sandy Blue Clay	240	330
Sand & Blue Clay	330	500
White & Blue Clay	500	600
Pink Clay	600	610
Brown Sand	610	614

Lee
#116-1
11-21-83
Elev # 115

#117

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

CODED

WATER WELL DRILLERS LOG

21 November 19 83 Herndon Well & Supply, Inc. Lee
date well completed — firm name — county well located

LANDOWNER: Town of Shannon
Town Hall
Shannon, MS 38868
(mailing address)

WELL LOCATION:
sec. 19 T 11 ~~N~~ S R 06 E ~~W~~
Inside City Limits
(distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 12 x 6"

(2) total depth (feet) 462'

(3) static water level (feet) 120 below above top of ground.

(4) casing Steel (material), 403' (depth),
12" (size) if telescope see back.

(5) screen 60' (length), 400' (depth to top)
6" (size), SS Ribbed (material)

(6) pump 40 (HP) 390 (yield gpm)
Electric (type power)

(7) electric log yes (yes or no)
U. S. Geol. Survey (organization running log)

(8) how well bottom plugged 6" BWV

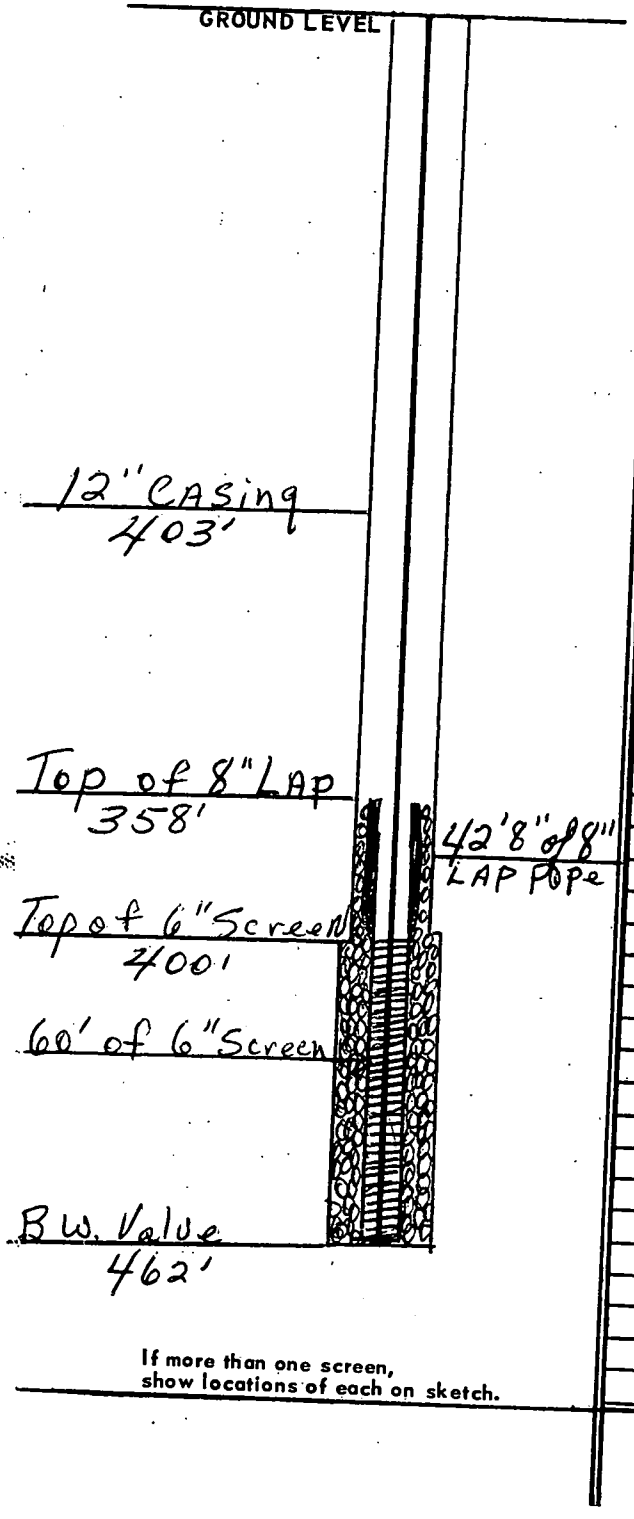
DRILLERS REMARKS:

description of formations encountered	from	to
Red Clay	0	15
Blue Clay	15	240
Sandy Blue Clay	240	330
Sand & Blue Clay	330	500
White & Blue Clay	500	600
Pink Clay	600	610
Brown Sand	610	614

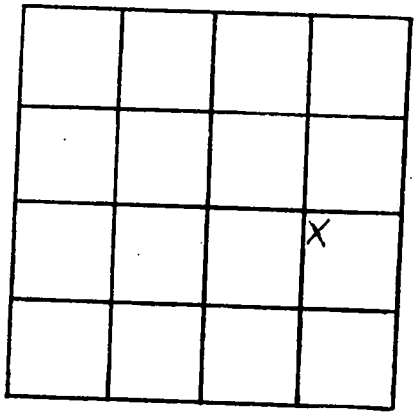
CODED

RECEIVED
NOV 2 1983
BUREAU OF LAND & WATER RESOURCES

If well telescopes please sketch and show depths.



If more than one screen, show locations of each on sketch.



SECTION 19

Please indicate well location X.

ADDITIONAL INFORMATION

DEPARTMENT OF ENVIRONMENTAL QUALITY – OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Athmo DATE: 6-8-99

UNIT DEQ #: 84760 FILE #: A060814A

HEALTH DEPT. #: 410013-02 ELEV.: 265

USGS #: Ø117 OLWR #: GW000565

OWNER: Town of Shannon QUAD: Shannon

LOCATION: S 19 T 11S R 6E COUNTY: LEE

LOCATION DESCRIPTION: On 45 S. take Shannon exit. Take Left on to Shannon Ave. Follow around until you go to Boyd Ave Take rt paved driveway to well will see elevated Tank

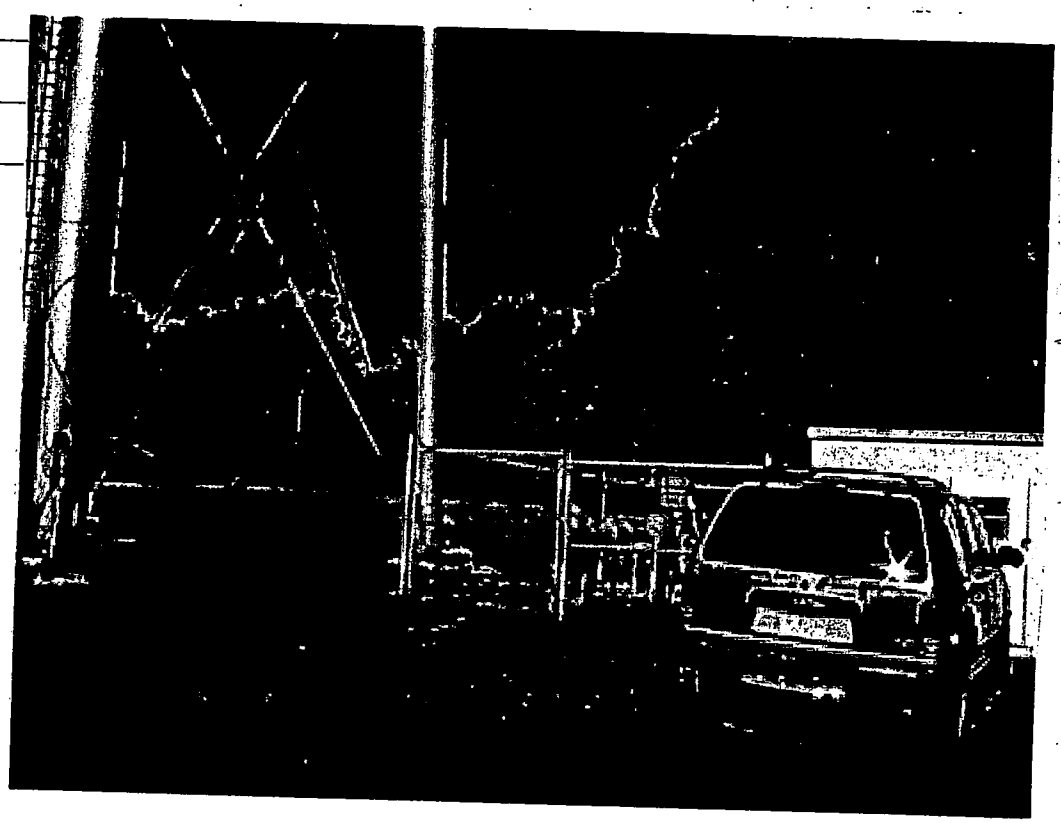
CASING DIAM : PUMP TYPE AND SIZE: Turbine / 40 HP

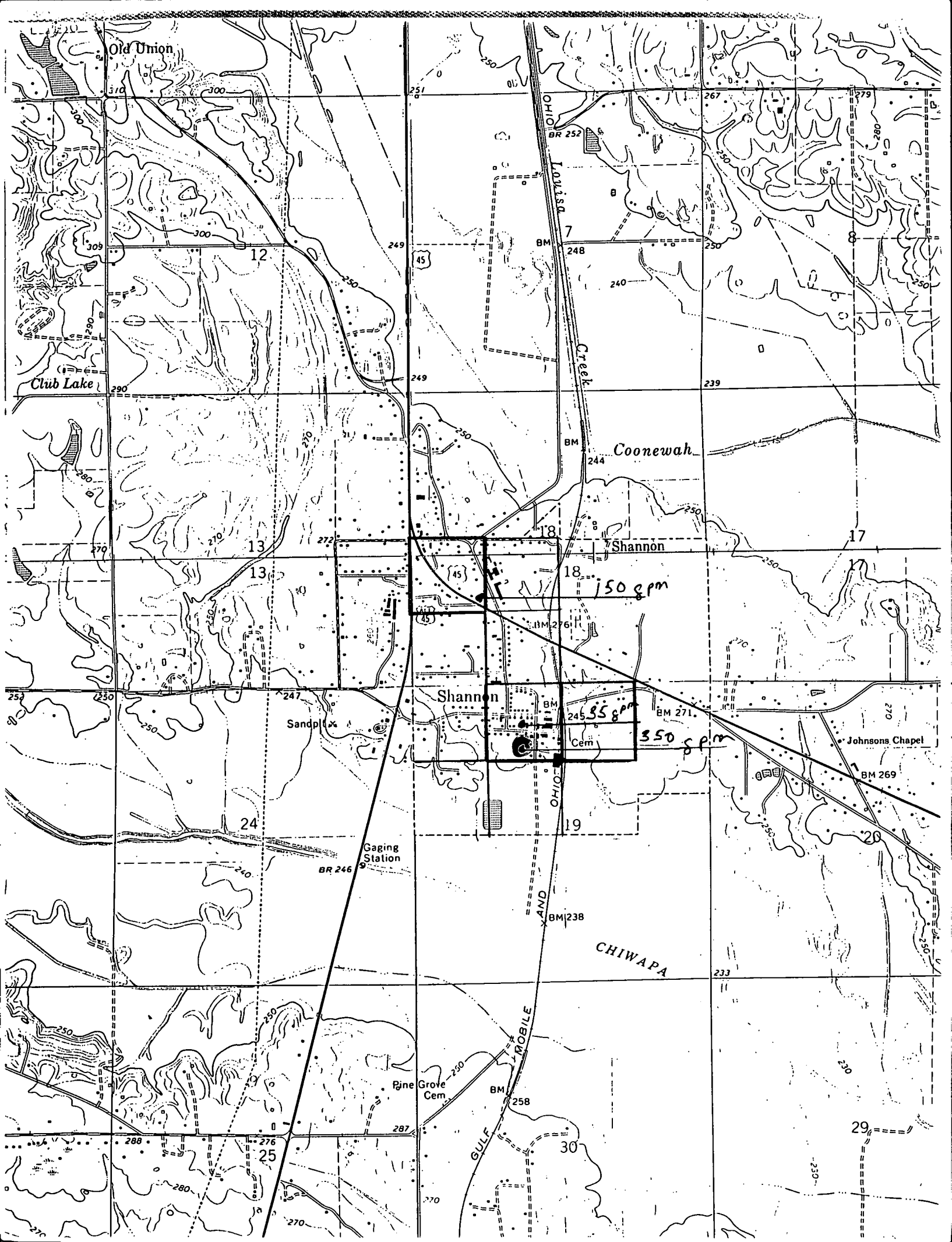
GPS FIELD LOCATION: LAT: 34 06.971 N LONG: 88 42.7935

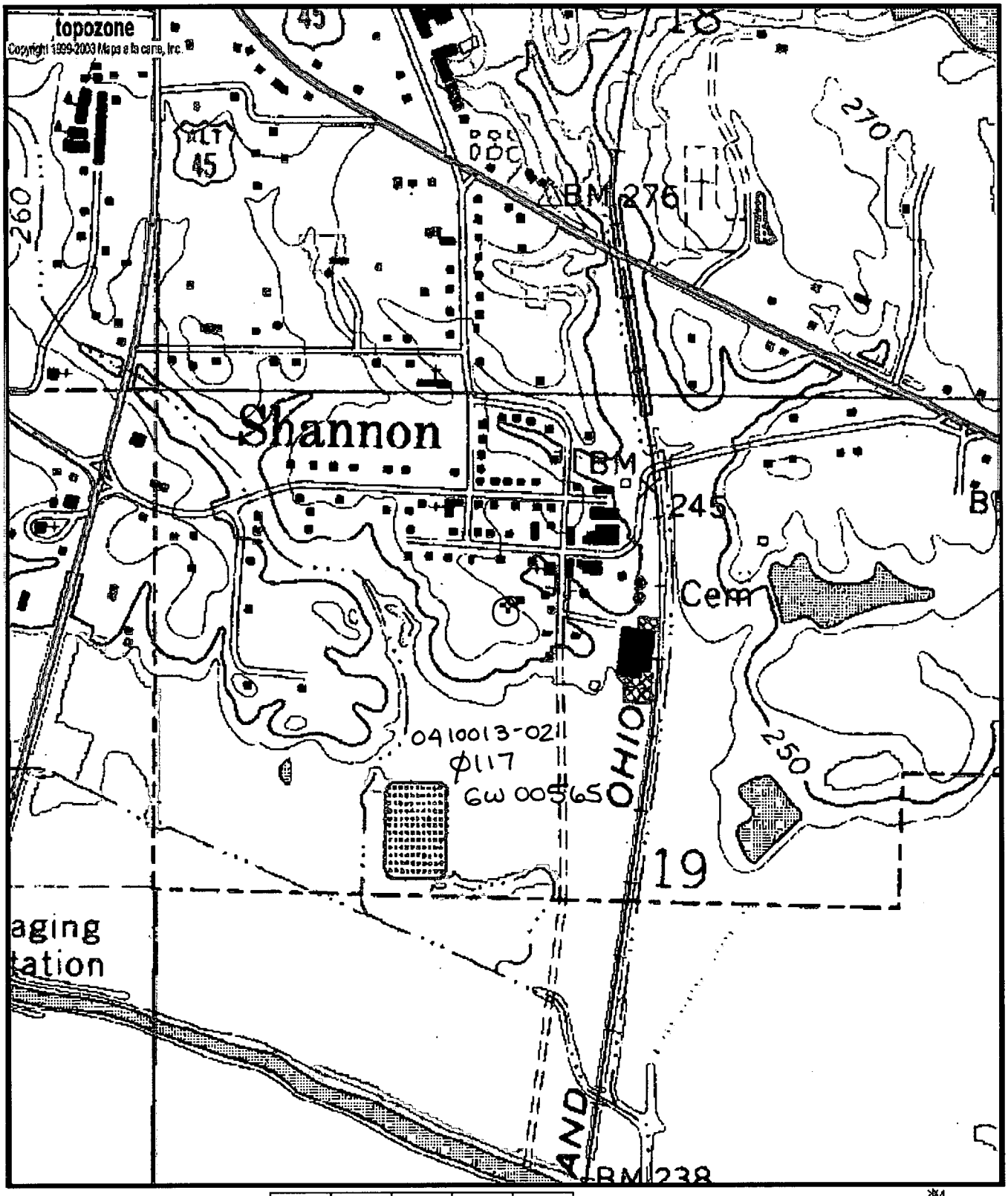
GPS CORRECTED: LAT: 34.115692 LONG: 88.712880

REMARKS:

p264




Old Union
Club Lake
Louisa Creek
OHIO
BR 252
Coonewah
Shannon
150 gpm
55 gpm
350 gpm
Sandpit
Cem
Johnsons Chapel
BM 269
BM 271
BM 276
BM 238
BM 258
BM 244
BM 245
Gaging Station
BR 246
CHIWAPA
GULF MOBILE AND OHIO
Pine Grove Cem
12
13
18
17
19
20
24
25
30
29
7
8



0 0.1 0.2 0.3 0.4 0.5 km

0 0.09 0.18 0.27 0.36 0.45 mi

Map center is 34° 06' 57"N, 88° 42' 46"W (WGS84/NAD83)
Shannon quadrangle
Projection is UTM Zone 16 NAD83 Datum

M=-0.857
G=-0.961