

6/77 WTO

GW-12575  
DOH-800013-02 TRANSMITTED FOR ADP

Boon Quad

Recorded by EJD  
Date 6-1-77

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

Well No. M14  
E-Log No. 34  
County Winston

Site ID 330259088533201 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=C\* Report. agency 4=USGS\* Dist 6=28\* 7=28\* Co. 8=159\*  
Lat. Long. / 9=330259\* 10=0885332\* Well No. 12=M014\*  
Location 13=SE NW 20 T 14 N R 14 E\* Alt. 16=530.\*  
Hyd. Unit (OWDC) 20= Date 21=06/01/1977\*  
Well use 23=W\* Water Use 24=P\* Hole depth 27=97.\* Well depth 28=188.\*  
WL 30=98.\* Date 31=09/30/1977\* Source 33=D\*  
Status 273= Project No. 5=

OWNER

R=158\* T=A\* Date 159# 09/30/1977\* Owner No.  
Owner 161=ELLISON, RIDGE WA\*

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=09/30/1977\* Remarks  
Drlg. 63=0.02\* Name R. Ratliff Method 65=H\* Finish 66=B\*

CASING

R=76\* T=A\* 59# 1\*  
Top csgn. 77# 0.\* Bot. csgn. 78=168.\* Diam. 79# 10.\*  
R=76\* T=A\* 59# 1\*  
Top csgn 77# Bot. csgn. 78= Diam. 79#

OPENINGS

R=82\* T=A\* 59# 1\* Top 83# 168.\* Bottom 84=188.\*  
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=200.\* Q/S 272=.

134 flows 146 pumped

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

LIFT

Date 38= 09/30/1977\* H.P. 46= 15.\*

R=198\* T= A \* Log 199# D\* Top 200= 0.\* Bot 201= 197.\*

LOGS

R=198\* T= A \* Log 199# E\* Top 200= 6.\* Bot 201= 196.\*

R=189\* T= A \* E Log No. 190# 0.3.4\* 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= 110.\* Bot 92= 178.\*

AQUIFERS

Unit ID 93= 124WLCXL\* 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# \*

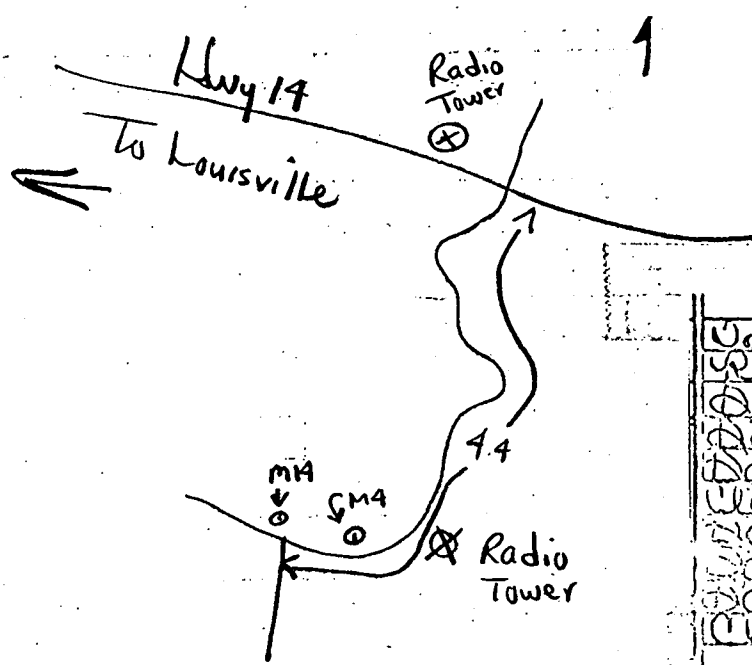
107= \* Transmissivity (gal/d)/ft

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

110= \* Storage coeff. Boundaries

R=121\* T= \* Yr Begin 122# \*

Water Level Data Collection (1)



Top Soil - Clay	0	21
Red Clay	21	42
Sand	42	63
Sand	63	84
Sandy Clay	84	105
Clay + Sand	105	126
Sand	126	147
Sand	147	168
Sandy Clay	168	189
Clay	189	197

WINSTON

M14

9-30-77

E leg # 34

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

520' MSL  
CODED

WATER WELL DRILLERS LOG

Sept. 30 1977 Robert E. Bath Co. Inc. Winston  
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from to	
Elkison Ridge W. A. Louisville, Ms. (mailing address)	Top Soil - Clay	0	21
	Red Clay	21	42
	Sand	42	63
	Sand	63	84
	Dandy Clay	84	105
	Clay + Sand	105	126
	Sand	126	147
	Sand	147	168
	Dandy Clay	168	189
	Clay	189	197
CODED			
<p>WELL LOCATION: sec 20 T. 14 N. R. 14 E. 14 miles EAST of Louisville (distance) (direction) (nearest town)</p>			
<p>WELL PURPOSE: Community Well (home, irrigation, municipal, industrial)</p>			
<p>WELL COMPLETION DATA:</p>			
(1) diameter (inches) 10" x 6"			
(2) total depth (feet) 188'			
(3) static water level (feet) 98' below top of ground.			
(4) casing black steel 168' (material) (depth)			
10" If telescope see back. (size)			
(5) screen 20' 168' (length) (depth to top)			
6" S.S.S. (size) (material)			
(6) pump 15 200 (HP) (yield gpm)			
electric (type power)			
(7) electric log No Yes (yes or no)			
U.S.H.S. (organization running log)			
(8) how well bottom plugged B.P.V.			
DRILLERS REMARKS:			

RECEIVED

OCT 19 1978

MISS. BD. OF WATER COMM.

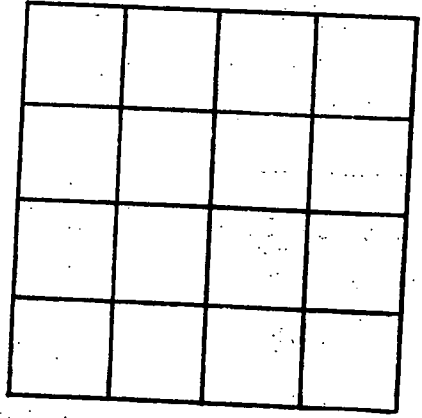
X

If well telescopes please sketch and show depths.

\_\_\_\_\_

GROUND LEVEL

Large vertical rectangular sketch area for well telescopes.



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Series of horizontal lines for recording additional information.

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

Bottom-most sketch area for multiple screens.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 11/13/96

UNIT LEQ #: 82859 FILE #: B111322A

HEALTH DEPT. #: 800013-02 ELEV. \_\_\_\_\_

USGS #: M14 OLWR #: GW 12575

OWNER: Ellison Ridge w/A QUAD: Boon

LOCATION: SE-NW S 20 T 14 N R 14 E COUNTY: WINSTON

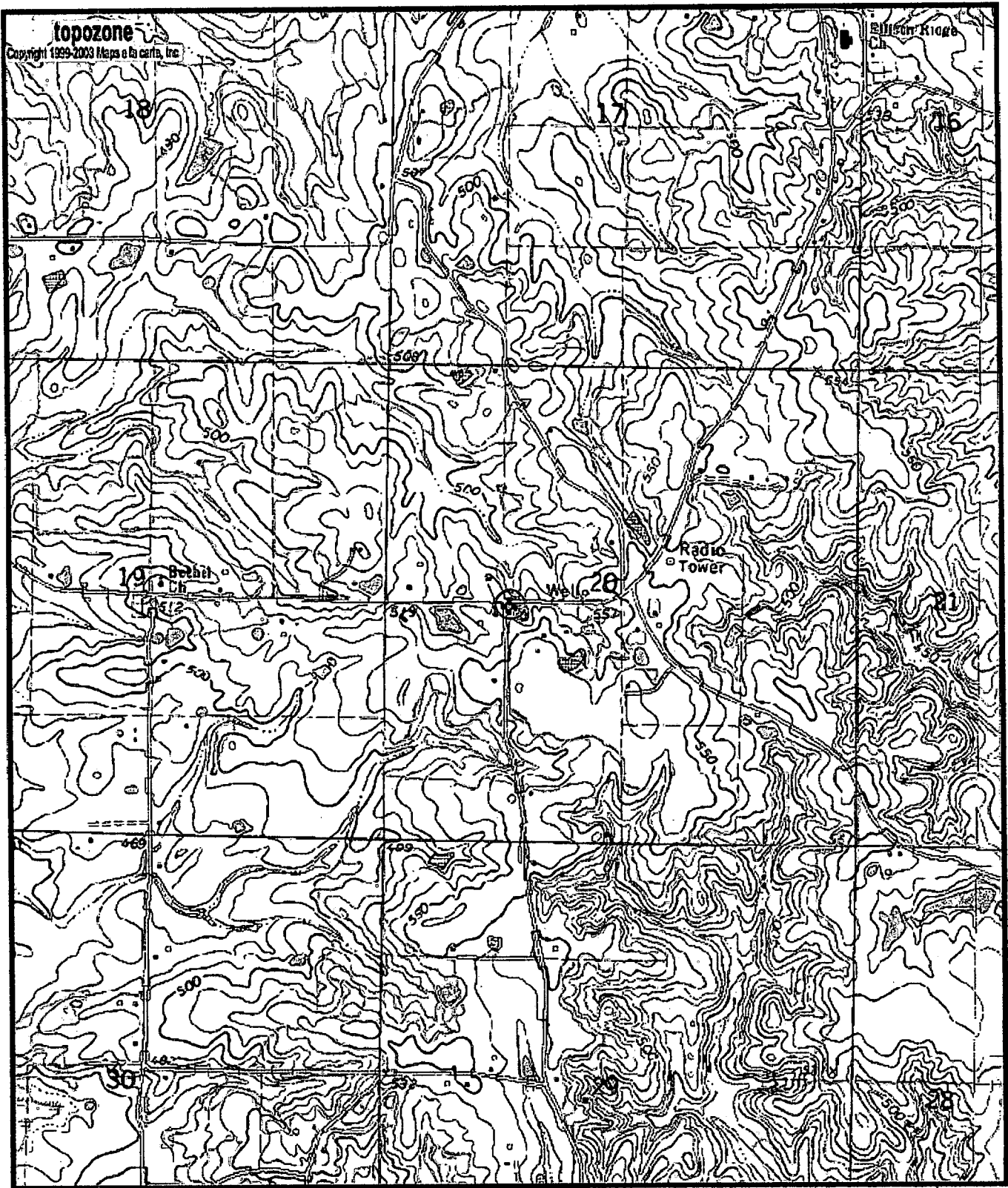
LOCATION DESCRIPTION: In Fence at NE Corner of Intersection  
of Crystal Ridge Rd. & Ellison Ridge Rd. (SE of Boon)

CASING DIA: 10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 33° 03' 01.2" LONG. 88° 53' 32.0"

GPS CORRECTED LOCATION: LAT. 33.04981318 LONG. 88.89243874

REMARKS: GPS at well.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



0 0.3 0.6 0.9 1.2 1.5 km  
 0 0.2 0.4 0.6 0.8 1 mi

Map center is 33.0498°N, 88.8924°W (WGS84/NAD83)

**Boon** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum

*GW-12575*  
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↑  
 M=-0.555  
 G=-1.032