

Coded By Q 189
 Checked By 7-15-91
 Entered By 7-15-91
 Date 06-23-91

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

E-Log No. 288
 County JASPER
 Agency MSDOH

Well No. B17
MSDOH
~~31000~~
310016-02
GW-14458

Agency Code U S G S Site Id 13211139089110201011 Project No. 5

Station Name 123101171 TALLAHALAI WIAI Latitude 32111391 Longitude 104089110219

Lat/Long Ac. 11 S T M Dist 6-28 State 7-28 County 8-01611 NAD Land Net 13 N E N E S 116 TD 4 W R 111 W 1

Location Map 14 MONTROSE IN NORTH 1 Altitude 675 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20-0311100021

Agency Use 803 A I O Date Inventoried 711011/1271/1191891 Station Type Y Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M U 2 W X

Date of Construction 21011/271/1191891 Well Use 23 W Water Use 24 P Primary Aquifer 714 12 H M W X 1 Hole Depth 27115051

Well Depth 284 47101 Water Level 30387151 Water Level Date 31071/1151/1191901 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60911/271/1191891 Contractor 6341551 Name Herndon Method 65 H Finish 66 S

CONSTRUCTION CASING DATA

R=76 T=A 725#1 59#1 Top/Casing 77 1101 Bot/Casing 78 1393 Diameter 79 12

R=76 T=A 725#2 59#1 Top/Casing 77 1246 Bot/Casing 78 1409 Diameter 79 181

CONSTRUCTION OPENINGS DATA

R=82 T=A 726#1 59#1 Top/Depth 83 1409 Bot/Depth 84 1470 Diameter 87 181 Type 85 S Length 89 Width 88 1015

R=82 T=A 726#2 59#1 Top/Depth 83 Bot/Depth 84 Diameter 87 Type 85 Length 89 Width 88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38071/1151/1191901 Intake 44 1525

Power 45 F H.P. 46 30 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159071/1151/1191901 Owner Name 161 TALLAHALAI WIAI

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 288 Assigner 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	193# / / *	Aquifer Sampled	195# *	Temp	196#00010	Value	197# *
R=192	T=A	738#2	Date of Measurement	193# / / *	Aquifer Sampled	195# *	Sp Cond	196#00095	Value	197# *
R=192	T=A	738#3	Date of Measurement	193# / / *	Aquifer Sampled	195# *	pH	196#00400	Value	197# *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Req. Depth	200# 201 *	End Depth	201# 505 *
R=198	T=A	739#2	Log Type	199#L	Req. Depth	200# 19 *	End Depth	201# 505 *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Req. Year	115# 9 *	End Year	116# 9 *	Agency Source	120=A	117# *	Freq.	118# *
121	T=A	730#2	Req. Year	115# 9 *	End Year	116# 9 *	Agency Source	117# *	Freq.	118# *	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184# / / *	Remarks	185# *
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DISCHARGE DATA

R=46	T=A	Pump/Flow	147#1	Date	148# 07 / 15 / 1990	Type	703# P	Discharge	150# 285 *	Sp. Capacity	272# 31 181 *
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HYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 40 01 *	Depth Bot.	92# 50 01 *	Unit Id	93# 2HMMWX *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100# *	103# *	T.H. #1 for Well #8
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Test well 1415-1475

63' dd @ 285 gpm

78 gpm

wc = 380'

Color 70

Fe = .2

.34 (Lab)

pH = 8.2

8.7 (Lab)

DESCRIPTION OF FORM FORMS ENCOUNTERED	FROM	TO	FORM FORMS COMMENTS	FROM	TO
Clay	110	265	Sand	815	840
Sand	265	320	Rock	840	848
Sandy Clay	320	415	Clay	848	934
Sand	415	535	Rock	934	930
Sand & Gravel	535	575	Clay	930	1113
Rock	575	590	Rock	1113	1117
Clay & Shell	590	650	Clay	1117	1261
Sand	650	675	Sandy Clay	1261	1271
Clay	675	715	Clay	1271	1354
Sand	715	730	Wash Sand	1354	1433
Clay & Shell	730	815			

Rock
Sand

453 1436
1436 1500

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Jasper		PERMIT NUMBER
WELL NUMBER # 8	CODED <input checked="" type="checkbox"/>	
B 17		NAME OF DRILLING FIRM Herndon Well & Supply, Inc.
DATE WELL COMPLETED 8-21-90		
PEARL, MS		

NAME & MAILING ADDRESS OF LANDOWNER Tallahala Water Association			
P. O. Box 354			
Bay Springs, MS 39422			
WELL LOCATION:	SEC 16	TOWNSHIP 4N S	RANGE 11W E
DISTANCE 12 Miles	DIRECTION S	NEAREST TOWN Newton	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) 3 PH H/P 50 HP		
Pump Capacity (GPM) 285	No. of Stages 5	Setting Depth ±470' FT.
PUMP TEST		
Well yielded 285 GPM with a drawdown of 63 ft. after 4 hours of pumping		

WELL DATA		
Well Depth 1470	Casing Diameter (In.) 12"	Casing Length (Ft.) 1393
Type of Casing S.S.	Hole Depth 1470'	Depth to Static Water Level 387.5
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing 1242' FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric, <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 60.99	Slot Size - Inches .015
Screen Type Cook S.S.	Depth to Bottom - Feet 1470'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Base	Thickness	Depth to Bottom
Driller's Remarks			
RECEIVED			
SEP 18 1992			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	110	265	Sand	815	840
Sand	265	320	Rock	840	848
Sandy Clay	320	415	Clay	848	924
Sand	415	535	Rock	924	930
Sand & Gravel	535	575	Clay	390	1115
Rock	575	590	Rock	1115	1117
Clay & Shell	590	650	Clay	1117	1261
Sand	650	695	Sandy Clay	1261	1271
Clay	695	715	Clay	1271	1354
Sand	715	730	Light Sand	1354	1433
Clay & Shell	730	815	IF MORE SPACE IS NEEDED, USE BACK		(over)

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): - Hornbeak DATE: 8/8/96
UNIT DEQ #: 82859 FILE #: B080823B
HEALTH DEPT. #: 310016-02 ELEV. _____
USGS #: B17 OLWR #: GW-14458
OWNER: Tallahala W/A - Garlandville QUAD: Montrose North
LOCATION: SE-SE S (16) T-4 N R-11 E COUNTY: Jasper
LOCATION DESCRIPTION: AT Ground Tank on NE side of Baxter-Lookout -
Tower Rd. .30 mi. NW of Hwy 15 (Baxter)
CASING DIA: 10" PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 32° 11' 39.8" LONG. 89° 10' 19.7"
GPS CORRECTED LOCATION: LAT. 32.19445618 LONG. 89.17247218
REMARKS: GPS at well

Water Well Field Data Form

Well No. B-17 County Joseph

Date 2/28 1994 Party JG

Elevation _____ GPS File No. 022820A

Health Department Tag No. 310016-02

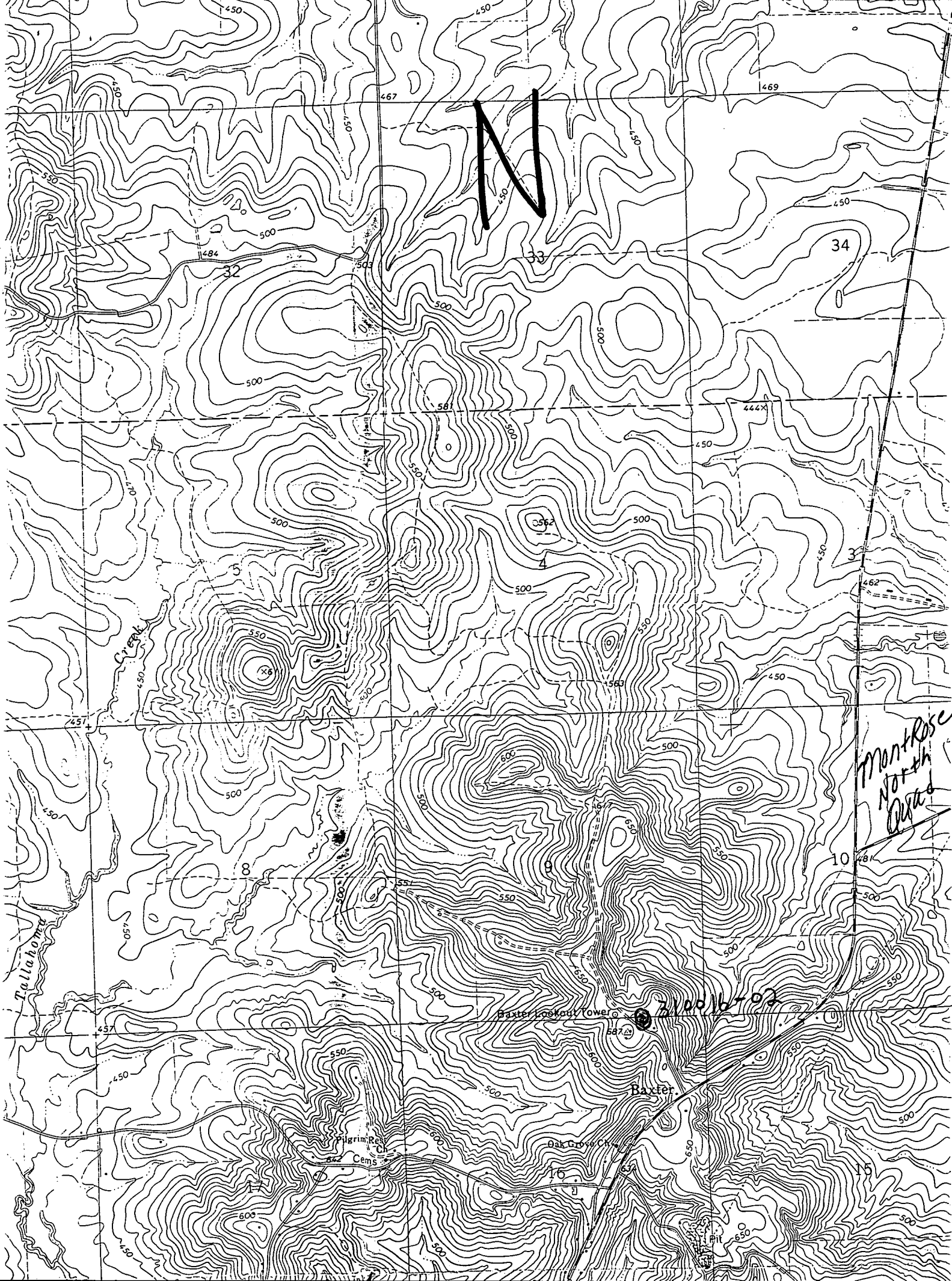
Previous Water Level _____ Date _____
North Montrose Road

tape down no.	1	2	3	4
time				
held	410.00	400.00		
wet	21.34	11.41		
difference		388.59		
MP correction		1.5		
water level		387.07		
WL corr. to MSL				

Note: Provide sketch of location and/or
 Measuring Point on back if necessary.

Measured thru vent on side of pump base

<i>Lat. 32</i>	<i>11</i>	<i>.631</i>	<i>32.19445618</i>
<i>Long. 89</i>	<i>10</i>	<i>.348</i>	<i>89.17247218</i>



N

Montrose
North
Area

Tallahassee

Baxter Lookout Tower

Baxter

Pilgrim Rest Ch.

Cems.

Oak Grove Ch.

16

10

48

500

550

600

650

700

750

800

850

900

950

467

469

484

33

34

32

581

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500

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