

GW 14761

0510012-01

Coded By D 894  
Checked By 02-06-95  
Entered By 2/95  
Date 2/95

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 64  
County NEWTON  
Agency

Well No. F55  
233A

WELL RECORD

DECATUR NW QUAD

Agency Code U1S1G1S Site Id 13121212151018191110147P11 Project No. 5111111111

Station Name 12 FLORES IN DECATUR NW 1A Latitude 93121212151 Longitude 1040819111047

Lac/Long Ac. 11 S F T M Disc 6=29 State 7=28 County 8=11011 NE NW Land Net 13=NEWTON S1 T1017111R1111E1

Location Map 14=DECATUR NW Altitude 573 Merc/Meas 17 A L M Accuracy 18=15 Hydrologic Unit 20=103117010111

Agency Use 803 A I Date Inventoried 711 Station Type 4 Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M 2 X WA #1

Date of Construction 21=08/14/1994 Well Use 23=U Water Use 24=P Primary Aquifer 716=124 M U W X Hole Depth 27=110122

Well Depth 28=15201 Water Level 30=267 Water Level Date 31=01/13/1995 Method 34=T Status 37=T Source 33=D

CONSTRUCTION DATA  
Construction Date 60=01/13/1995 Contractor 63=1184 Name Griner Method 65=H Finish 66=9

CONSTRUCTION CASING DATA  
Top/Casing Bot/Casing Diameter  
R=76 T=A 725#1 59#1 77 1101 78 1485 79 112

Top/Casing Bot/Casing Diameter  
R=76 T=A 725#2 59#1 77 1435 78 1495 79 181

CONSTRUCTION OPENINGS DATA  
Top/Depth Bot/Depth Diameter Type Length Width  
R=82 T=A 726#1 59#1 83 1495 84 15201 87 181 85 S 89 88 10201

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

CONSTRUCTION LIFT DATA  
R=42 T=A 254#1 Lift Type 43 T Date 38=01/13/1995 Intake 44=11101

Power H.P. Serial No.  
45=ET 46=1501 49

MISCELLANEOUS OWNER DATA  
Date of Ownership 159=01/13/1995 Owner Name 161=IN DECATUR NW 1A

MISCELLANEOUS OTHER ID DATA  
E-Log No. 190=01614 Assigner 191=M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934	Aquifer Sampled 1954	Temo 196#00010	Value 1974
R=192	T=A	738#2	Date of Measurement 1934	Aquifer Sampled 1954	So Cond 196#00095	Value 1974
R=192	T=A	738#3	Date of Measurement 1934	Aquifer Sampled 1954	pH 196#00400	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#A	Sec. Depth 200#   150#	End Depth 201#   110   20#
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200#   10#	End Depth 201#   10   22#

MISCELLANEOUS NETWORK DATA *706 = QW WL WD \**

R=114	T=A	730#1	Sec. Year 115#   19#	End Year 116#   19#	Agency Source 120=A	Freq. 117#
R=121	T=A	730#2	Sec. Year 115#   19#	End Year 116#   19#	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 01   11   13   11995	Remarks 185# MSGW 14761
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 01   11   13   11995	Type 703# P	Discharge 150#   120   10#	So. Capacity 272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#   485#	Depth Bot. 92#   522#	Unit Id 93# 12441111111111111111	304# P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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PWS# 0510012

~~57' dd @ 260gpm Tested~~

114' dd @ 200gpm (8 hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Sand and Shale	0	21
Clay	21	126
Clay & Sand streaks	126	231
Sand	231	260
Clay & shale	260	438
Sand	438	459
Clay	459	485
Sand	485	522
Clay w/ sand streaks	522	1022

COUNTY WELL LOCATED <b>Newton</b>
WELL NO. <b>F 55</b> CODED
DATE WELL COMPLETED <b>01-13-95</b>

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Griner Drilling</b>
<b>Service, Inc.</b>

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER <b>North Decatur Water Association</b>		
<b>P.O. Box 427</b>		
<b>Decatur, MS 37327</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>16</b>	<b>7</b> [N] S	<b>11</b> [E] W
DISTANCE <b>4</b> Miles	DIRECTION <b>North</b> of	NEAREST TOWN <b>Decatur</b>
OTHER LANDMARK <b>Test Well (no well #)</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Rig supply</b>		

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, ] Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): [Electric, ] Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <b>30</b>		
Pump Capacity (GPM) <b>150</b>	No. of Stages <b>N/A</b>	Setting Depth <b>400</b> FT.
PUMP TEST Well yielded <b>100</b> GPM with a drawdown of <b>58.53</b> ft. after <b>480</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>520</b>	Casing Diameter (In.) <b>6 x 4</b>	Casing Length (FL.) <b>490</b>
Type of Casing <b>steel</b>	Hole Depth <b>520</b>	Depth to Static Water Level <b>266.79</b>
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 <b>420</b> FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): [Electric, Gamma Ray, ] Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>Griner Drilling Service, Inc.</b>	

<b>SCREEN DATA</b>		
Diameter - Inches <b>4</b>	Length - Feet <b>30</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>Pipe Base</b>		Depth to Bottom - Feet <b>520</b>

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>To be abandoned. Spotted</b>			
<b>100 sacks At 8% Gel at 1020 to</b>			
<b>530 feet</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Sand and Shale</b>	<b>0</b>	<b>21</b>			
<b>Clay</b>	<b>21</b>	<b>126</b>			
<b>Clay &amp; Sand streaks</b>	<b>126</b>	<b>231</b>			
<b>Sand</b>	<b>231</b>	<b>260</b>			
<b>Clay &amp; shale</b>	<b>260</b>	<b>438</b>			
<b>Sand</b>	<b>438</b>	<b>459</b>			
<b>Clay</b>	<b>459</b>	<b>485</b>			
<b>Sand</b>	<b>485</b>	<b>522</b>			
<b>Clay w/ sand streaks</b>	<b>522</b>	<b>1022</b>			

**RECEIVED**  
**JAN 16 1995**  
Dept. of Environmental Quality  
Office of Land & Water Resources  
IF MORE SPACES NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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

Paul - disregard 21C

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everett DATE: 4/22/98  
UNIT DEQ #: \_\_\_\_\_ FILE #: A042221D  
HEALTH DEPT. #: 510012-01 ELEV. 570  
USGS #: F-55 OLWR #: GW 14761

OWNER: N. Decatur Water Assn.

LOCATION: NE NW S 16 T 7N R 11E COUNTY: Newton

*West of Decatur Approx. 4 miles - take West Broad St - Decatur Conelaw Rd*  
LOCATION DESCRIPTION: TO Crossroads Road then North @ 1/4 mile  
across from Crossroads Bapt Ch.

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32° 27.422' LONG. 89° 10.819

GPS CORRECTED LOCATION: LAT. 32.457259 LONG. 89.180391W

REMARKS: Decatur NW Quad  
#1 is in NW corner of fenced area  
\_\_\_\_\_  
\_\_\_\_\_

32 27 26  
89 10 49

Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-14761

County: NEWTON

Owner: NORTH DECATUR WATER ASSOCIATION, INC.

Aquifer: MUWX

USGS No: F0055

BOH No: 0510012-01

Location: NE 1/4 of the NW 1/4 of SEC 16 TWN 07N RNG 11E Lat: 322726 Long: 891048<sup>9</sup>

Quad: DECATUR NW

District: N/A

Date Issued: 22-MAR-94

Date Renewed: 23-FEB-04

Date Expired: 23-FEB-14

Applicant: NORTH DECATUR WATER ASSOCIATION, INC.

Owner: NORTH DECATUR WATER ASSOCIATION, INC.

Address 1: P. O. BOX 36

Address 1: P. O. BOX 36

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: DECATUR

City: DECATUR

State: MS Zip: 39327

State: MS Zip: 39327

Driller: GRINER DRILLING

Maximum Rate: 200

Amount Withdrawn Acre feet: 190.4543

Amount Withdrawn Mgd: .17

Use

RURAL WATER ASSOCIATION

Casing

Type: STEEL

Diameter: 12

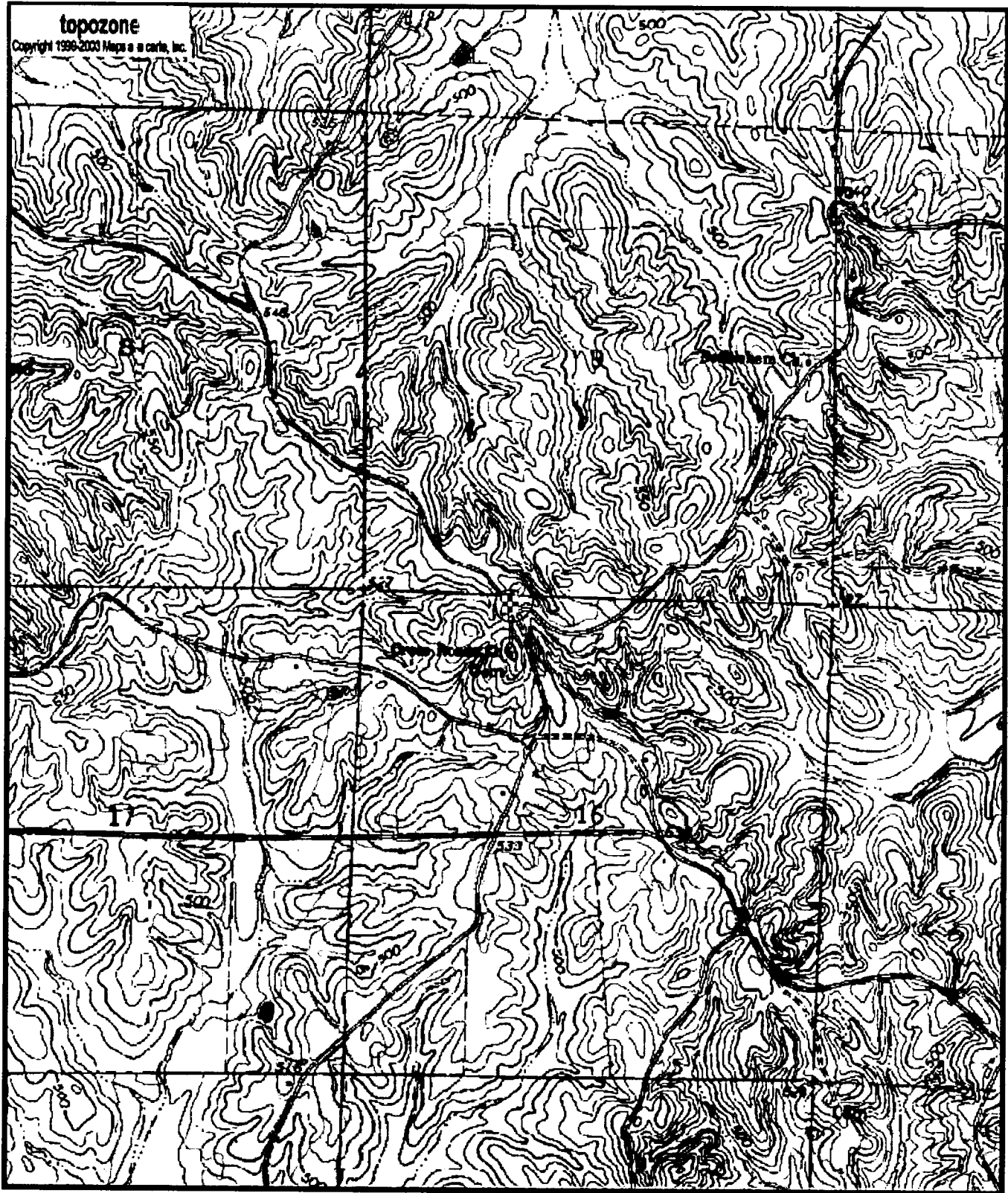
Length: 485

Screen

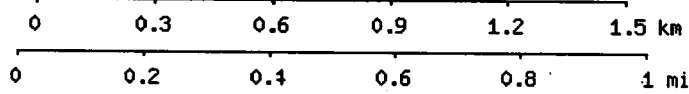
Type: OTHER

Diameter: 8

Length: 25



F55  
Gw14761  
0510012-01



Map center is 32° 27' 26"N, 89° 10' 49"W (WGS84/NAD83)  
**Decatur NW** quadrangle  
Projection is UTM Zone 16 NAD83 Datum

M=-0.272  
G=-1.171

Send To Printer    Back To TerraServer    Change to 11x17 Print Size    Show Grid Lines    Change to Landscape

**USGS 7 km W of Decatur, Mississippi, United States 02 Mar 1936**



0 1Km 0 0.5M

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