

GW 15507

05100 12-02

Coded By Q 894
Checked By 023 02-06-95
Entered By 023 2/95
Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 65
County NEWTON
Agency

Well No. FSL6
233A

WELL RECORD

DECATUR NW QUAD

Agency Code U S G S Site Id 13121271810891104171011 Project No. 54

Station Name 12 FOSLE IN DECATUR NW 1A Latitude 9 32127181 Longitude 10 4891104171

Lat/Long Ac. 11 S F T M Dist 6-28 State 7-29 County NE NW Land Net 13 MENA S I 16 T I 17 N R I 11 E x

Location Map 14 DECATUR NW Altitude 573 Met/Meas 17 A L M Accuracy 18 1 1 5 T Hydrologic Unit 20 103111710101011

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

Instr. 905 Remarks 806 Relia. 3 C L M U 2 W x WA #2

Date of Construction 21 08 / 24 / 1994 Well Use 23 N Water Use 24 P Primary Aquifer 714 124 M U W X Hole Depth 27 5511

Well Depth 28 524 Water Level 30 21101 Water Level Date 31 01 / 13 / 1995 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA Construction Date 60 01 / 13 / 1995 Contractor 63 184 Name Griner Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 110	78 14814	79 112
R=76	T=A	725#2	59#1	77 1434	78 14974	79 181

CONSTRUCTION OPENINGS DATA

R=32	T=A	726#1	59#1	83 4914	84 524	87 181	85 9	89 111	88 10219
R=32	T=A	726#2	59#1	83 111	84 111	87 111	85 111	89 111	88 111

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 Date 38 01 / 13 / 1995 Intake 44 14101

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

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

MISCELLANEOUS OTHER ID DATA E-Log No. 190 065 Assioner 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 .	Temp 196#00010	Value 1974 .
R=192	T=A	738#2	Date of Measurement 1934 / / .	Aquifer Sampled 1954 .	Sp 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#E	Bea. Depth 200# .	End Depth 201# 54 .
R=198	T=A	739#1	Log Type 199#D	Bea. Depth 200# .	End Depth 201# 55 .

MISCELLANEOUS NETWORK DATA *106 = QW WL WD **

R=114	T=A	730#1	Bea. Year 1154 9 .	End Year 1164 9 .	Agency Source 120=A 117# .	Freq. 118# .
R=121	T=A	730#2	Bea. Year 1154 9 .	End Year 1164 9 .	Agency Source 117# .	Freq. 118# .

MISCELLANEOUS REMARKS DATA

R=183	T=A	711#1	Date of Remarks 184# / / .	Remarks 185# .
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 01 11 31 11 9 15 .	Type 703# B F	Discharge 150# 25 0 .	Sp. Capacity 272# .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 49 0 .	Depth Bot. 92# 52 .	Unit Id 93# 12 H M W X	304#
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HYDRAULIC DATA

R=96	T=A	790#1	Unit Tested 100# .	103# .
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Test hole #2 200' ± from T.H. #1

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Sand with clay streaks	0	60
Clay with sand streaks	60	204
Sand	204	261
Clay with sand streaks	261	412
Clay	412	490
Sand	490	521
Clay	521	551

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED Newton		PERMIT NUMBER
WELL NUMBER F 56	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Griner Drilling
DATE WELL COMPLETED 01-13-95		Service, Inc.

NAME & MAILING ADDRESS OF LANDOWNER North Decatur Water Association		
P.O. Box 427		
Decatur, MS 37327		
WELL LOCATION: SEC	TOWNSHIP	RANGE
16	7 [N] S	11 [E] W
DISTANCE 4 Miles	DIRECTION North	NEAREST TOWN Decatur
OTHER LANDMARK Well No. 2		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Rural Supply		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, [Turbine,] Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): [Electric,] Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P 50		
Pump Capacity (GPM) 250	No. of Stages 18	Setting Depth 470 FT.
PUMP TEST Well yielded 207 GPM with a drawdown of 107.97 ft. after 8 hours of pumping		

WELL DATA		
Well Depth 524	Casing Diameter (In.) 12	Casing Length (Ft.) 484
Type of Casing steel	Hole Depth 551 485	Depth to Static Water Level 270.05
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 434 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): [Electric, Gamma Ray,] Density, Sonic, Neutron, Other (Describe) _____ No Log Run.	
Name of Organization Running Log Griner Drilling Service, Inc.	

SCREEN DATA		
Diameter - Inches 8	Length - Feet 30	Slot Size - Inches .020
Screen Type Rod Base		Depth to Bottom - Feet 524

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 524 532 9			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sand with clay streaks	0	60			
Clay with sand streaks	60	204			
Sand	204	261			
Clay with sand streaks	261	412			
Clay	412	490			
Sand	490	521			
Clay	521	551			

RECEIVED
JAN 16 1995

Dept. of Environmental Quality
Office of Land & Water Resources
IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

1222

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everitt DATE: 4/22/98

UNIT DEQ #: _____ FILE #: A042221B

HEALTH DEPT. #: 510012-02 ELEV. 570'

USGS #: F56 OLWR #: GW15507

OWNER: N. Decatur W/A

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

LOCATION DESCRIPTION: West of Decatur approx 4 mi -
Take West Broad St which turns in to Decatur Conelaw
TO Crossroads Rd then North approx. 1/4 mile to
Crossroads Bapt. Ch. - Wells are across from ch.

CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 32° 27.394 LONG. 89° 10.796

GPS CORRECTED LOCATION: LAT. 32.456997 LONG. 89.179726

REMARKS: #2 is in SW corner of yard
Decatur NW quad

32 27 25

89 10 47

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-15507

County: NEWTON

Owner: NORTH DECATUR WATER ASSOCIATION, INC.

Aquifer: MUWX

USGS No: F0056

BOH No: 0510012-02

Location: NE 1/4 of the NW 1/4 of SEC 16 TWN 07N RNG 11E Lat: 32272⁵ Long: 891047

Quad: DECATUR NW

District: N/A

Date Issued: 11-APR-00

Date Renewed:

Date Expired: 11-APR-10

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 SERVICE, INC.

Maximum Rate: 200

Amount Withdrawn Acre feet: 190.4543

Amount Withdrawn Mgd: .17

Use

RURAL WATER ASSOCIATION

Casing

Type: STEEL

Diameter: 12

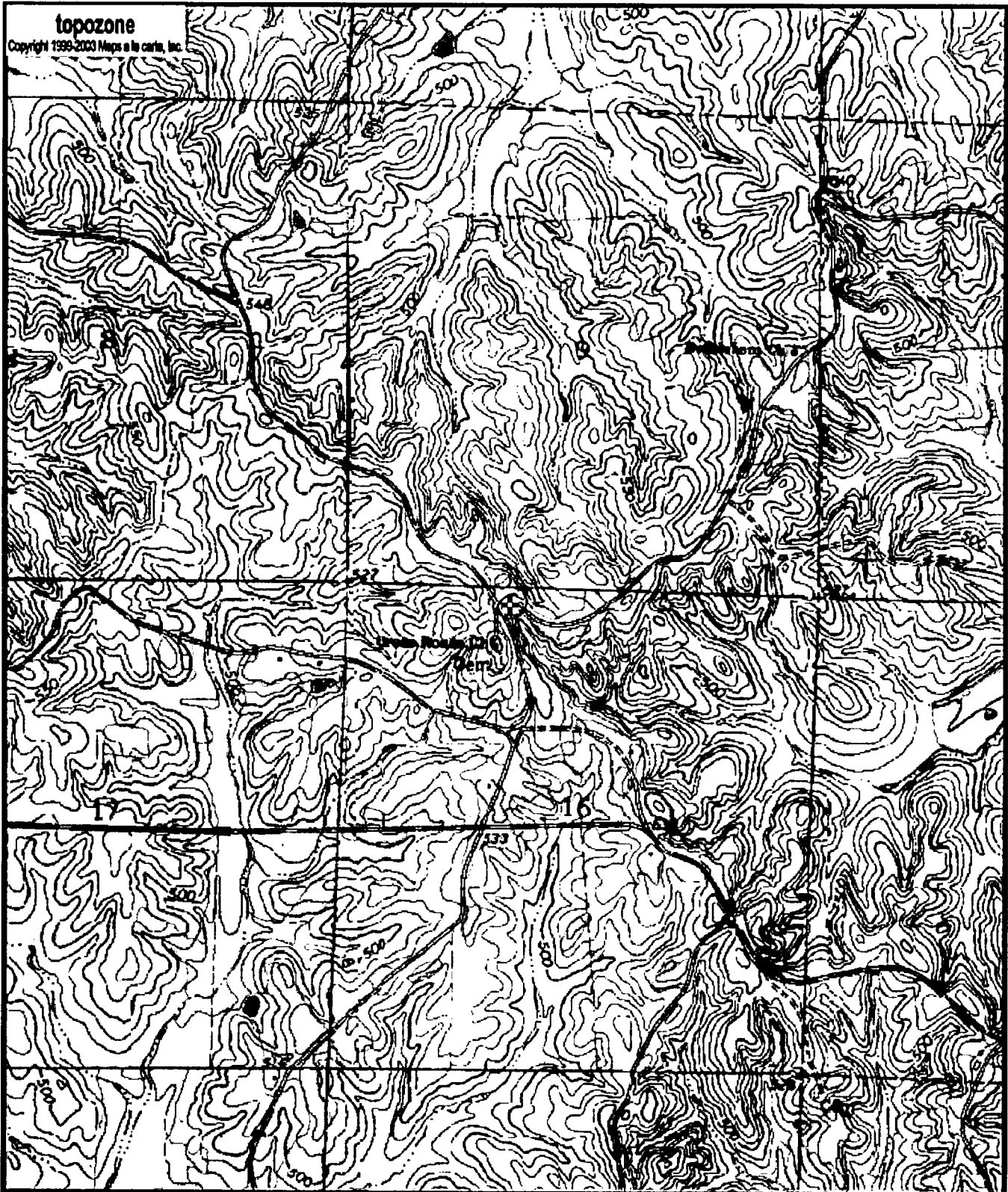
Length: 484

Screen

Type: STEEL

Diameter: 8

Length: 30



topozone
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F56
GW15307
0510012-02

0 0.3 0.6 0.9 1.2 1.5 km



Map center is 32° 27' 25"N, 89° 10' 47"W (WGS84/NAD83)
Decatur NW quadrangle
Projection is UTM Zone 16 NAD83 Datum



M=-0.273
G=-1.17

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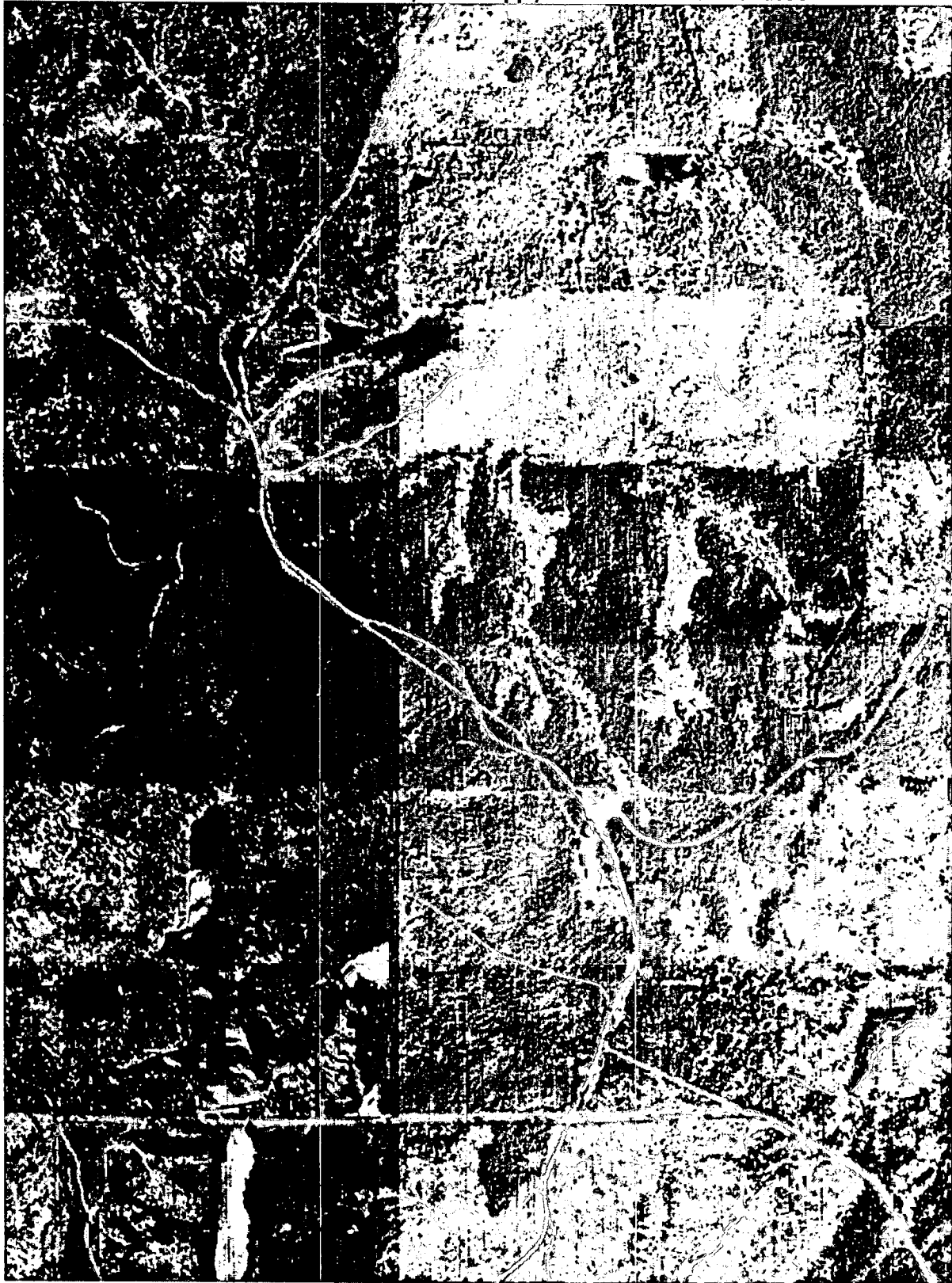
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USGS 96 km E of Jackson, Mississippi, United States 02 Mar 1996



0 ————— .5Km

0 ————— .25MI

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