

620006-03
 GW-14277 (WA)
 MWX

Coded By 492
 Checked By 9/25/97-93
 Entered By 20/1
 Date 9/7/93

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 169
 County SCOTT
 Agency

Well No. 018

WELL RECORD

well # 3

Agency Code: UISGIS Site Id: 13213510893148011 Project No.: 5

Station Name: 12 HOMEWOOD W IA Latitude: 932113511 Longitude: 100189311481

Lat/Long Ac.: 11 SPTM Disc: 6-28 State: 7-28 County: 8-123 SW SW Land Net: 13 STINESS BLDG TIONS W RD ONE

Location Map: 14 HOMEWOOD Altitude: 16529 Met/Meas: 17 A L M Accuracy: 18 1101 Hydrologic Unit: 20 1031800102

Agency Use: 803 A 10 Date Inventoried: 711 Station Type: 4 L L L Y Data Type: 804

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

Date of Construction: 21 04 / 09 / 11992 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 124 M U W X Hole Depth: 27 177101

Well Depth: 28 1656 Water Level: 30 275 Water Level Date: 31 04 / 27 / 11992 Method: 34 Status: 37 Source: 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60 04 / 27 / 11992 Contractor: 63 0164 Name: Layne Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1</u> <u>59#1</u>	<u>77</u> <u>1101</u>	<u>78</u> <u>16115</u> <u>79</u> <u>1101</u>
<u>76</u>	<u>A</u>	<u>725#2</u> <u>59#1</u>	<u>77</u> <u>1545</u>	<u>78</u> <u>1621</u> <u>79</u> <u>16</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>32</u>	<u>A</u>	<u>726#1</u> <u>59#1</u>	<u>83</u> <u>1621</u>	<u>84</u> <u>1656</u>	<u>85</u> <u>S</u>	<u>89</u> <u>111</u>	<u>88</u> <u>101161</u>
<u>32</u>	<u>A</u>	<u>726#2</u> <u>59#1</u>	<u>83</u>	<u>84</u>	<u>85</u>	<u>89</u>	<u>88</u>

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43 T Date: 38 04 / 27 / 11992 Intake: 44 151101

Power: 45 E H.P.: 46 715 Serial No.: 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159 04 / 27 / 11992 Owner Name: 161 HOMEWOOD W IA

MISCELLANEOUS OTHER ID DATA

R=195 T=A 736#1 E-Log No.: 190 169 Assigner: 191 M I S S 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 / / / / / / / / / /	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#E	Seq. Depth 200# / / / / / / / /	End Depth 201# / / / / / / / /
R=198	T=A	739#1	Log Type 199#D	Seq. Depth 200# / / / / / / / /	End Depth 201# / / / / / / / /

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 OH / 27 / 1199 12	Remarks 185 MSGW 1427
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 OH / 27 / 1199 12	Type 703 P	Discharge 150# / / / / / / / /	So. Capacity 272# / / / / / / / /
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GEOHYDROLOGIC DATA

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

R=98	T=A	790#1	Unit Tested 100# / / / / / / / /	103# / /
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Well #3

6x4"
testwell screened 1620-1640
WL=279' Color=70 units
76gpm
29' dd @ 351gpm (12hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red Clay	0'	20'
SAND	20'	90'
Clay	90'	435'
Clay sand stks.	435'	540'
Fine Sand & Clay	540'	620'
Sandy Clay	620'	700'
Clay	700'	774'
Rock	774'	800'
Shale & Rock stks.	800'	852'
Clay	852'	872'
Sandy Clay & Lignite	872'	965'
Shale	965'	1005'
Sand Lignite & Clay	1005'	1036'
Shale	1036'	1060'
Sand Lignite & Clay stks.	1060'	1150'
Sandy Silt	1150'	1270'
Shale	1270'	1532'
Shale & Rock stks.	1532'	1552'
Shale & Sand stks.	1552'	1680'
Hard Shale	1680'	1700'
SHALES NOT DEQ. USE BACK	1700'	1770'

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
Scott

WELL NUMBER **3** CODED

Ø 18

DATE WELL COMPLETED
04/27/92

PERMIT NUMBER **14277**

NAME OF DRILLING FIRM
Layne-Central Co. A Div. of
Layne-Western Co. Inc.

NAME & MAILING ADDRESS OF LANDOWNER
HomeWood Water Assoc.
Rt. 2, Box 36-A
Lake, MS.

WELL LOCATION: SEC **36** TOWNSHIP **5 N** RANGE **7 E**
SW ¼ 4th NE ¼ 4th

DISTANCE _____ Miles _____ of _____

DIRECTION _____ NEAREST TOWN _____

OTHER LANDMARK _____

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.
Municipal

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Turbine, Jet, Flowing Well,
Other (Describe) _____

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P **75**

Pump Capacity (GPM) **300** No. of Stages **21** Setting Depth **510** FT.

PUMP TEST
Well yielded **351** GPM with
a drawdown of **29** ft.
after **12** hours of pumping

WELL DATA

Well Depth 1660'	Casing Diameter (In.) 10"	Casing Length (Ft.) 1615
Type of Casing steel	Hole Depth 1770'	Depth to Static Water Level 275'

TYPE OF COMPLETION: (Circle One or More):
Gravel Packed, Underreamed, Telescoped,
Natural Development, Open Hole, Other _____

Top of Lap Pipe or Reduction in Casing
1615 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) _____

Name of Organization Running Log
Layne-Central Co.

SCREEN DATA

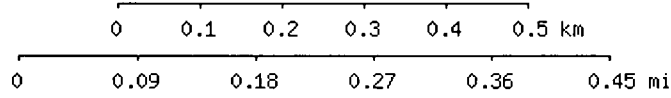
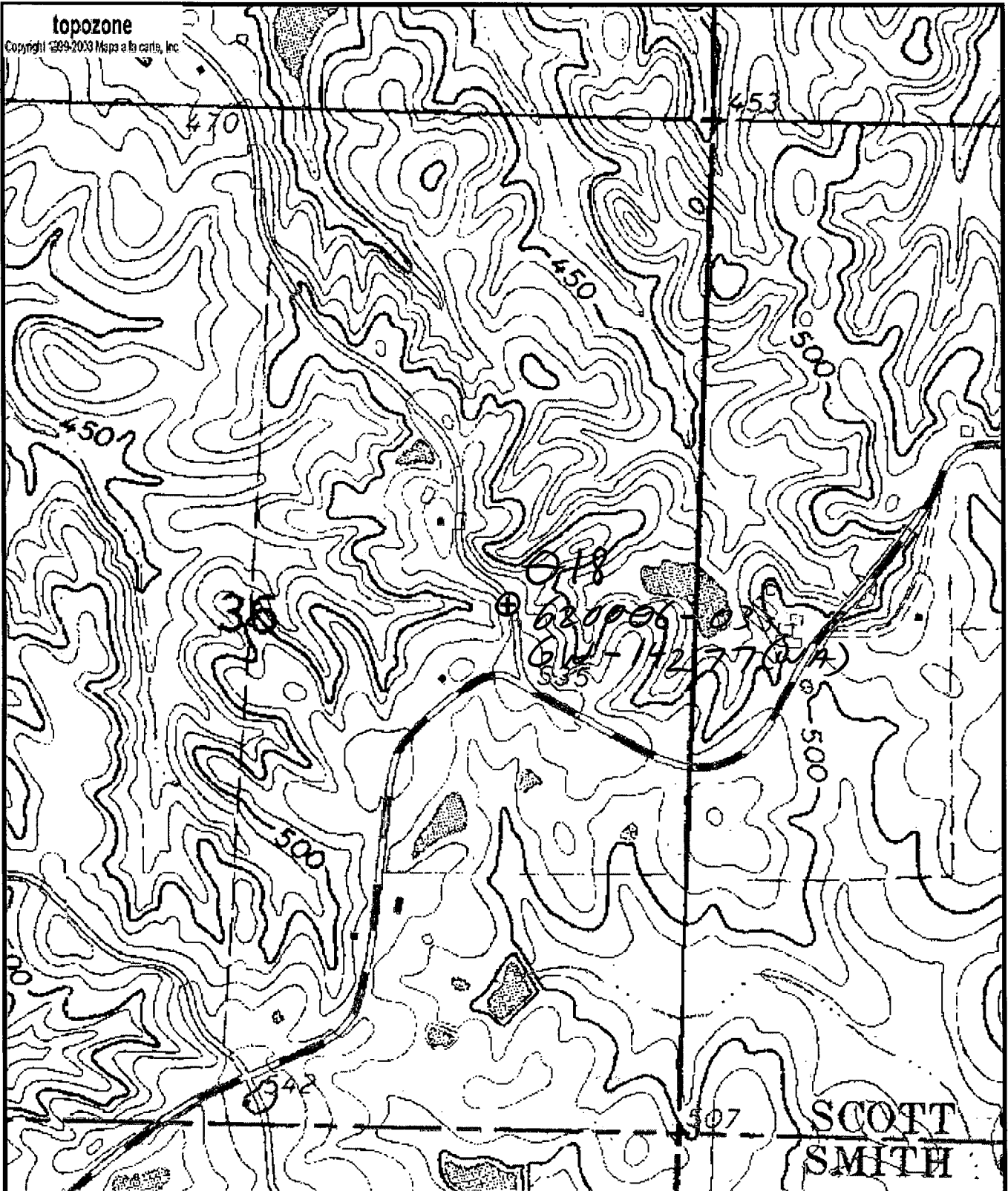
Diameter - Inches 6"	Length - Feet 35	Slot Size - Inches 16
Screen Type 3/8	Depth to Bottom - Feet 4	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
1650' / 1150' FEB 00 1993

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0'	20'	Shale	872'	965'
SAND	20'	90'	Shale & Sand stks.	965'	1005'
Clay	90'	435'	Sand Lignite & Clay	1005'	1036'
Clay & Sand stks.	435'	540'	Shale	1036'	1060'
FINE SAND & Clay	540'	620'	Sand (Lignite) Clay stks.	1066'	1150'
SANDY Clay	620'	700'	Sandy Shale	1150'	1270'
Clay	700'	773'	Shale	1270'	1532'
ROCK	773'	774'	Shale & Rock stks.	1532'	1552'
Shale & Rock stks.	774'	800'	Shale & Sand stks.	1552'	1685'
Clay	800'	852'	Hard shale	1685'	1700'
SANDY Clay & Lignite	852'	872'	Shale	1700'	1770'



Map center is 32° 13' 52"N, 89° 31' 46"W (WGS84/NAD83)
Homewood quadrangle
 Projection is UTM Zone 16 NAD83 Datum

PAP/DLH
 4/24/97
 M=-0.009
 G=-1.35

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 4/24/97

UNIT DEQ #: _____ FILE #: A042419E

HEALTH DEPT. #: 620006-03 ^{no tag} _{at present} ELEV. 520'

USGS #: 018 ^{LWW} 9/2/04 OLWR #: GW14277 ^{LWW} 9/2/04

OWNER: Homewood W.A. QUAD: Homewood

LOCATION: SE/NE ~~NE/SE~~ S 36 T 5N R 7E COUNTY: Scott

LOCATION DESCRIPTION: On old Forest Rd just north of intersection with Wicker Mill Rd

CASING DIA: 10" PUMP TYPE & SIZE: Turbine 75 HP

GPS FIELD LOCATION: LAT. 32° 13.872' N LONG. 89° 31.765' W

GPS CORRECTED LOCATION: LAT. 32.23119836 LONG. 89.52940377

REMARKS: Measured 25' south of well

LWW
tagged
10/20/04
32.23123
89.52947
P144

Pump changed to
submersible

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-14277

County: SCOTT

Owner: HOMEWOOD WATER ASSOCIATION, INC.

Aquifer: MUWX

USGS No: 00018

BOH No: 0620006-03

Location: SE 1/4 of the NE 1/4 of SEC 36 TWN 05N RNG 07E Lat: 321352 Long: 893146

Quac: HOMEWOOD

District: N/A

Date Issued: 14-JUL-92

Date Renewed: 24-JUN-02

Date Expired: 24-JUN-12

Applicant: HOMEWOOD WATER ASSOCIATION,
INC.

Owner: HOMEWOOD WATER ASSOCIATION, INC.

Address 1: P. O. BOX 105E

Address 1: P. O. BOX 1058

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: FOREST

City: FOREST

State: MS Zip: 39074

State: MS Zip: 39074

Driller: LAYNE CENTRAL COMPANY

Maximum Rate: 300

Amount Withdrawn Acre feet: 134.4383

Amount Withdrawn Mgd: .12

Use

RURAL WATER
ASSOCIATION

Casing

Type: STEEL

Diameter: 10

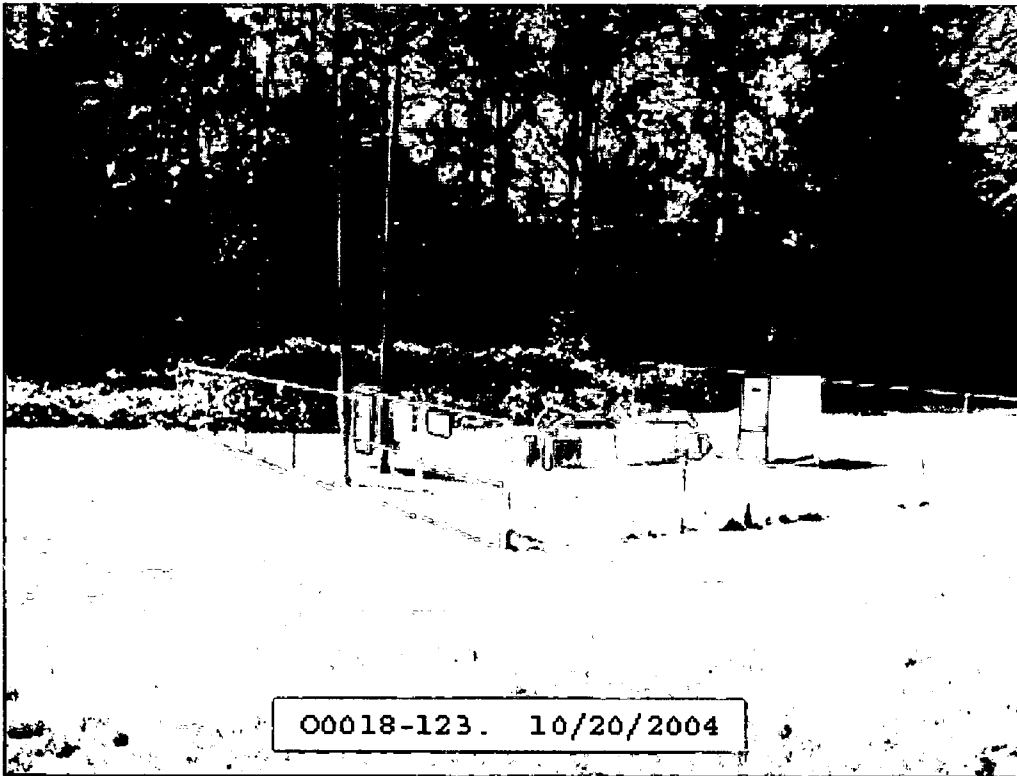
Length: 1615

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 35



00018-123. 10/20/2004