



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	Sec. Depth	200# 1804	End Depth	201# 1339
R=198	T=A	739#1	Log Type	199#D	Sec. Depth	200# 101	End Depth	201# 1326

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	117#	Freq.	118#
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# 09/1231/1992	Remarks	185# MSGW 1420
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 09/1231/1992	Type	703# P	Discharge	150# 1165	So. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 123101	Depth Bot.	92# 1216101	Unit Id	93# 1124WLCXU	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#	103#
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Fauke Eng.  
 Test well 1295'  
 6x4 105gpm  
 Color 55 units

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Yellow Clay	0'	30'
Blue Clay	30'	343'
Sandy Clay	343'	370'
SAND	370'	430'
Shale	430'	498'
Rock	498'	500'
Hard Clay	500'	510'
Rock	510'	512'
Hard Clay	512'	525'
Sandy Clay/Lignite	525'	741'
SAND	741'	771'
Shale + sand shale	771'	823'
Rock	823'	824'
Hard Clay	824'	963'
Rock - Clay	963'	977'
Clay	977'	986'
Sandy Shale	986'	1046'
Hard Shale	1046'	1172'
Sand Shale	1172'	1232'
SAND	1232'	1242'
Sandy Clay/Lignite	1242'	1301'

IF MORE SPACE IS NEEDED, USE BACK

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 <b>Scott</b>		PERMIT NUMBER <b>14420</b>
WELL NUMBER <b>2</b>	CODED <input checked="" type="checkbox"/>	
NAME OF DRILLING FIRM <b>Layne-Central Co., A Div. of</b>		DATE WELL COMPLETED <b>09/23/93</b>
<b>Layne, Inc.</b>		

NAME & MAILING ADDRESS OF LANDOWNER  
**High Hill Water Association**  
**Rt. 2, Box 64**  
**Lake, Ms. 39042**

WELL LOCATION: SEC **12** TOWNSHIP **5 N** RANGE **8 E**  
**NE 1/4 SW 1/4**

DISTANCE **5** Miles **South** of **Highway 501**

OTHER LANDMARK **NORRIS Community**  
**Highway 501**

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 **40**

Pump Capacity (GPM) **150** No. of Stages **12** Setting Depth **445** FT.

PUMP TEST  
Well yielded **165** GPM with  
a drawdown of **120** ft.  
after **12** hours of pumping

WELL DATA

Well Depth **1260'** Casing Diameter (In.) **8"** Casing Length (Ft.) \_\_\_\_\_

Type of Casing **STEEL** Hole Depth **1326'** Depth to Static Water Level **226**

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

Top of Lap Pipe or Reduction in Casing \_\_\_\_\_

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 **4"** Length - Feet **30'** Slot Size - Inches **18**

Screen Type **S/S Wire Wrapped** Depth to Bottom - Feet **5**

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

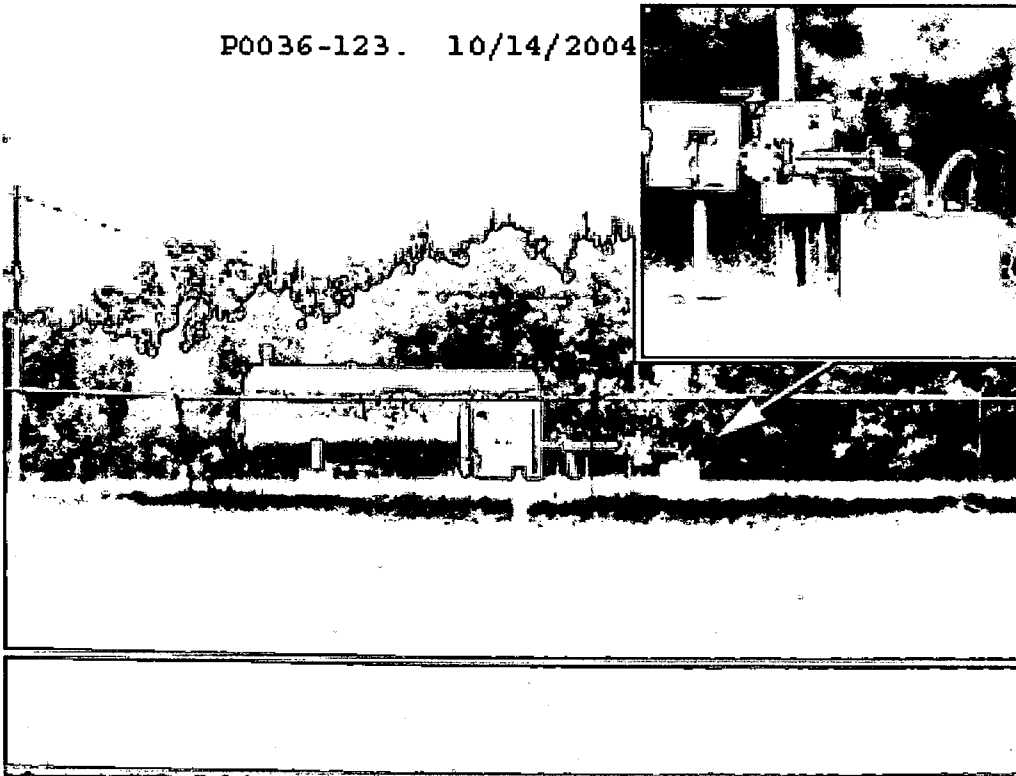
**FEB 03 1993**

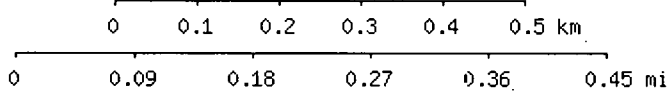
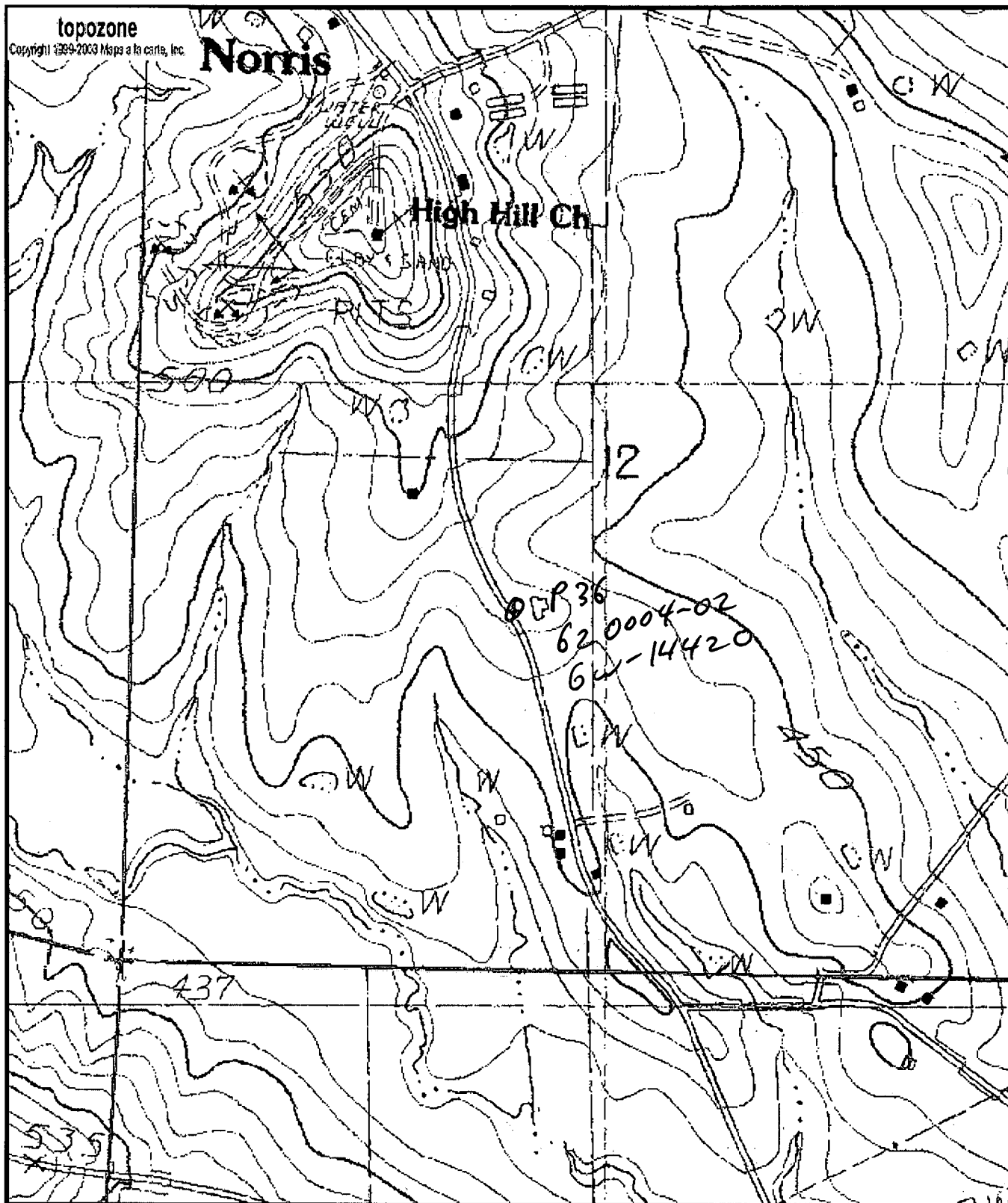
Dept. of Environmental Quality  
Office of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0'	30'	Shale + sand streaks.	771'	823'
Blue Clay	30'	343'	Rock	823'	824'
Sandy Clay	343'	370'	Hard Clay	824'	963'
SAND	370'	430'	Rock + Clay	963'	977'
SHALE	430'	498'	Clay	977'	986'
ROCK	498'	500'	Sandy Shale	986'	1046'
Hard Clay	500'	510'	Hard Shale	1046'	1172'
Rock	510'	512'	Sand shale	1172'	1232'
Hard Clay	512'	535'	SAND	1232'	1292'
Sandy Clay, Lignite	535'	741'	Sandy Clay, Lignite	1292'	1321'
SAND	741'	771'			

IF MORE SPACE IS NEEDED, USE BACK

P0036-123. 10/14/2004





Map center is 32° 17' 13"N, 89° 26' 00"W (WGS84/NAD83)

**Forest** quadrangle

Projection is UTM Zone 16 NAD83 Datum

PAP/DLH  
4/30/97

M=-0.081  
G=-1.301

Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 4/30/97

UNIT DEQ #: \_\_\_\_\_ FILE #: A043018B

HEALTH DEPT. #: 620004-02 ELEV. 472

USGS #: P36 <sup>✓</sup> 8/19/04 OLWR #: 6W-14420 <sup>✓</sup> 8/19/04

OWNER: High Hill W.A. QUAD: Forest

LOCATION: NE/SW S 12 T 5N R 8E COUNTY: Scott

LOCATION DESCRIPTION: On Hwy 501 0.5 mi south of  
entrance to High Hill Church

CASING DIA: 8" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 17.221' N LONG. 89° 26.004' W

GPS CORRECTED LOCATION: LAT. 32.287014 LONG. 89.43340915

REMARKS: Measured 115' NW of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Tagged  
LWW  
10/14/04*

	<i>32.28672</i>
<i>P113</i>	<i>89.43300</i>
<i>P115</i>	

**Department of Environmental Quality**  
**Office of Land and Water Resources**

**Ground Water Permit**  
**General Report**

**Permit Number:** MS-GW-14420

**County:** SCOTT

**Owner:** HIGH HILL WATER ASSOCIATION

**Aquifer:** MUWX

**USGS No:** P0036

**BOH No:** 0620004-02

**Location:** NE 1/4 of the SW 1/4 of SEC 12 TWN 05N RNG 08E **Lat:** 321713 **Long:** 892600

**Quad:** FOREST

**District:** N/A

**Date Issued:** 27-OCT-92

**Date Renewed:** 24-JUN-02

**Date Expired:** 24-JUN-12

**Applicant:** HIGH HILL WATER ASSOCIATION

**Owner:** HIGH HILL WATER ASSOCIATION

**Address 1:** P. O. BOX 37

**Address 1:** P. O. BOX 37

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** LAKE

**City:** LAKE

**State:** MS **Zip:** 39092

**State:** MS **Zip:** 39092

**Driller:** LAYNE-CENTRAL CO.

**Maximum Rate:** 150

**Amount Withdrawn Acre feet:** 44.8128

**Amount Withdrawn Mgd:** .04

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 1230

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 4

**Length:** 30