

Coded By Q 2193  
 Checked By JAN 12-19-94  
 Entered By 151  
 Date 12/4

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 671  
 County RANKIN  
 Agency

Well No. A 26  
 Goshen Springs  
 Quad

WELL RECORD

Project No. GW1444  
0610019-03

Agency Code U S I C I S Site Id 132129540895435011 Project No. 54

Station Name 12= AP 26 1915 GAHI MI IA Latitude 9-3212954 Longitude 10-01995435

Lat./Long Ac. 11= 9 F Disc. 6= 29 State 7= 28 County NE NE Land Net 32

13= N W N E S E C T I O N 10 R 10 N 10 1 E 2

Location Map 14= GOSHEN SPRINGS Altitude 318 Met/Meas 17= A L M Accuracy 18= 151 Hydrologic Unit 20= 031181010121

Agency Use 303= A I Q Date Inventoried 711= Station Type 4= L I Y Data Type 804=

Instru. 905= Remarks 806= Relia. 3= C L M U 2= X

Date of Construction 21= 02 / 10 31 / 11 9 93 Well Use 23= W Water Use 24= P Primary Aquifer 714= 1243 PART 1 Hole Depth 27= 1055

Well Depth 29= 1028 Water Level 30= 175 Water Level Date 31= 02 / 10 31 / 11 9 93 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

Construction Date 60= 02 / 10 31 / 11 9 93 Contractor 63= 0614 Name Lynn Method 65= H Finish 66= 6

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1 59#1	77# 101	78# 983
76	A	725#2 59#1	77# 932	78# 988

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1 59#1	83# 989	84# 1028	85# 9	89#	88# 102101
82	A	726#2 59#1	83#	84#	85# 1	89#	88#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43= T Date 38= 02 / 10 31 / 11 9 93 Intake 44= 13201

Power 45= E H.P. 46= 40 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 02 / 10 31 / 11 9 93 Owner Name 161= P I S G A H I M I A

MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 671 Assigner 191= M I S S I S S I P P I

MISCELLANEOUS GW 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#00000	Value 1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200#   301#	End Depth 201#   1053#
R=198	T=A	739#1	Log Type 199#N	Sec. Depth 200#     101#	End Depth 201#   1055#

MISCELLANEOUS NETWORK DATA 706 = QW WL WD \*

R=114	T=A	730#1	Sec. Year 1154   4	End Year 1164   4	Agency Source 120=A*   117#	Freq. 118#
R=121	T=A	730#2	Sec. Year 1154   4	End Year 1164   4	Agency Source 117#	Freq. 118#

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 074 / 193 / 119931	Remarks 185# MSGW 14444
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 074 / 103 / 119931	Type 703#(P)R	Discharge 150#   4215#	So. Capacity 272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Death Top 91#   070#	Death Bot. 92#   985#	Unit Id 93#   12499A7	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
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22' dd @ 425 gpm  
50' dd @ 400 gpm  
@ 24 hrs

Aug 43  
1.3 →  
to Aug 25

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Yellow Clay	0'	30'
Blue Clay	30'	138'
Sandy Clay with sh.	138'	190'
Soft brown clay	190'	374'
Sand & Clay sh.	374'	473'
Clay sand sh.	473'	659'
Shale & Clay sh.	659'	737'
Shale & sand sh.	737'	865'
Sand & shale	865'	980'
Sand	980'	1030'
Hard Clay	1030'	1055'

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  
**RANKIN**

WELL NUMBER  
**3**

CODED

PERMIT NUMBER  
**MS-GW-14444**

NAME OF DRILLING FIRM  
**Layne-Central Co., A. Div. of**

DATE WELL COMPLETED  
**2/13/93**

**LAYNE, INC.**

NAME & MAILING ADDRESS OF LANDOWNER  
**Pisgah Water Association, Inc**  
**P.O. Box 144**  
**Sandhill, MS 39141**

WELL LOCATION: SEC **29** TOWNSHIP **8 N** RANGE **4 E**

DISTANCE **1 3/10** Miles From Highway **25**  
DIRECTION **off Highway 85** 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)

Pump Capacity (GPM) **320** No. of Stages **17** Setting Depth **320** FT.

PUMP TEST  
Well yielded **400** GPM with  
a drawdown of **50** ft.  
after **24** hours of pumping

WELL DATA

Well Depth **983'** Casing Diameter (In.) **12"** Casing Length (Ft.) **932'**

Type of Casing **STEEL** Hole Depth **1055'** Depth to Static Water Level **175'**

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

Top of Lap Pipe or Reduction in Casing  
**932** 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 **8"** Length - Feet **40'** Slot Size - Inches **.020**

Screen Type **5/5** Depth to Bottom - Feet **3'**

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks  
**983' 4 3/4"**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>Yellow Clay</b>	<b>0'</b>	<b>30'</b>
<b>Blue Clay</b>	<b>30'</b>	<b>138'</b>
<b>Sandy Clay &amp; sh. Lestak</b>	<b>138'</b>	<b>190'</b>
<b>SOFT BROWN Clay</b>	<b>190'</b>	<b>374'</b>
<b>Sand &amp; Clay streaks</b>	<b>374'</b>	<b>473'</b>
<b>Clay &amp; sand streaks</b>	<b>473'</b>	<b>659'</b>
<b>Shale &amp; Clay streaks</b>	<b>659'</b>	<b>737'</b>
<b>Shale &amp; sand streaks</b>	<b>737'</b>	<b>865'</b>
<b>Sand &amp; shale</b>	<b>865'</b>	<b>980'</b>
<b>SAND</b>	<b>980'</b>	<b>1030'</b>
<b>Hard Clay</b>	<b>1030'</b>	<b>1055'</b>

FORMATIONS (Continued)

FROM	TO

**RECEIVED**

**SEP 24 1993**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): PAP/OLW DATE: 7-1-96

UNIT DEQ #: \_\_\_\_\_ FILE #: B070119B

HEALTH DEPT. #: 610019-03 ELEV. @ 318'

USGS #: A26 OLWR #: GW14444

OWNER: PISGAH W.A QUAD: Goshen Springs

LOCATION: \_\_\_\_\_ S 32 T 8N R 43 COUNTY: Randolph

LOCATION DESCRIPTION: 1.5 mi W of Hwy 25 on Hwy 43

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: 60 HP

GPS FIELD LOCATION: LAT. 32° 29' 52.6" LONG. 89° 54' 18.4"

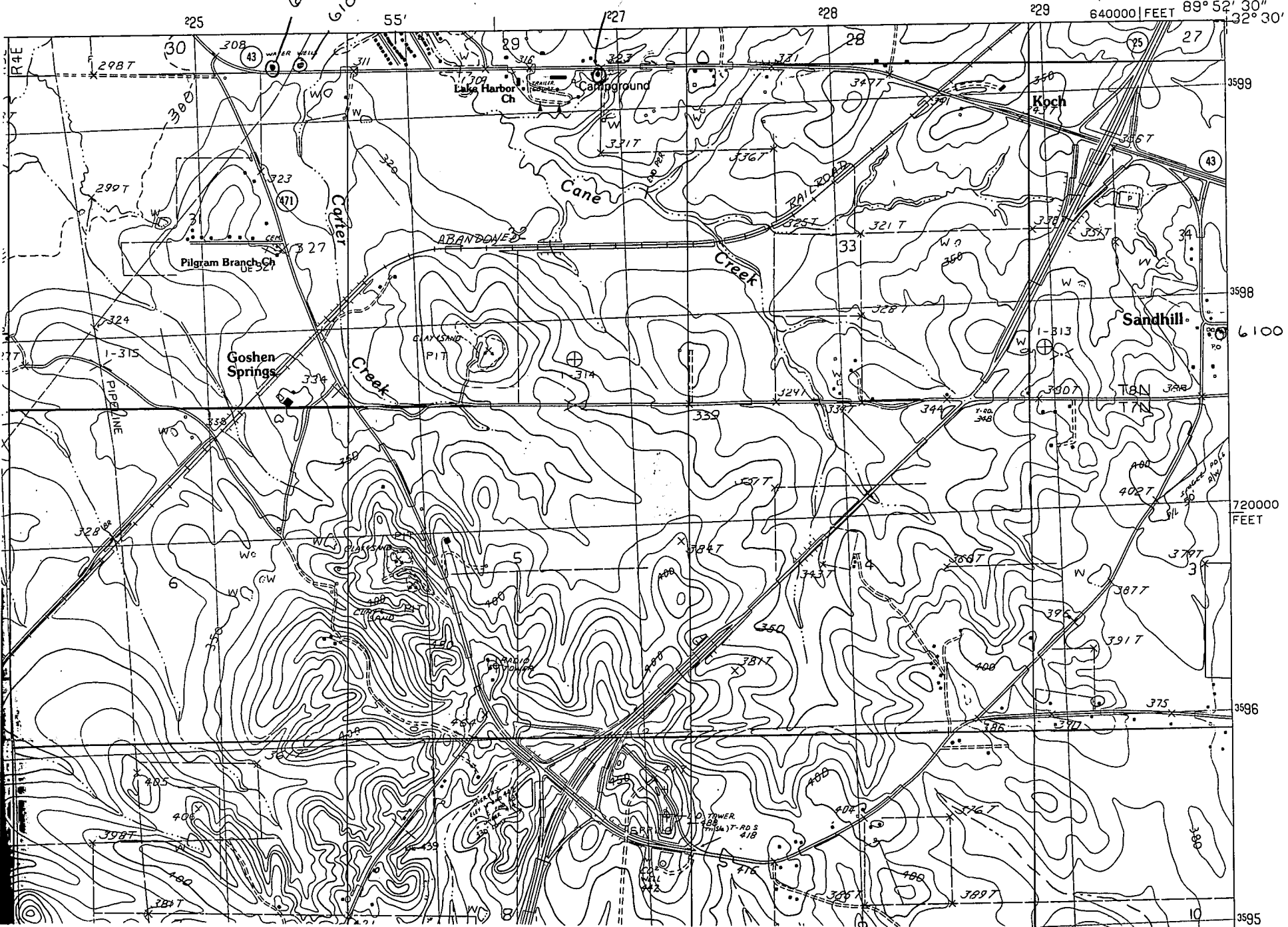
GPS CORRECTED LOCATION: LAT. 32.49826018 LONG. 89.90618797

REMARKS: 1.5 mi west of Hwy 25 on Hwy 43

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\_\_\_\_\_

GPS

GOSHEN SPRINGS QUADRANGLE  
MISSISSIPPI-RANKIN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



610035-02  
610035-01

610019-03  
A26

610019-01

720000  
FEET

3595