

Coded By D. L. 97
Checked By 7/27/98
Entered By 7/27/98
Date 7/27/98

U.S. GEOLOGICAL SURVEY
WATER RESOURCE DIVISION
MISSISSIPPI DISTRICT

E-Log No. 176
County LEE
Agency

Well No. 94D

WELL RECORD

Agency Code U151C1S Site Id 123140171091018184163181011 Project No. Troy SE Quad

Station Name 12=110914 OLD UNION W A Latitude 31.40171091 Longitude 101.018184163181

Lat/Long Ac. 11=5(F) Dist 6=23 State 7=29 County/NW 2=10811 NW Land Net 13=5W56S116T111S1R105E1

Location Map 14=FRONT ST Altitude 16=332 Meters/Feet 17=1.6 Accuracy 18=15 Hydrologic Unit 20=193116101121

Agency Use 303=AI Date Invented 711= Station Type 4 Data Type 804

Instru. 305 Remarks 306 Relia. 3=C L U 3=

Date of Construction 21=05/30/1997 Well Use 23=U Water Use 24=P Primary Aquifer 714=Z11(FUTW) Hole Depth 37=1639 WA

Well Depth 23=575 Water Level 30=179 Water Level Date 31=05/29/1998 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA
Construction Date 05/29/1998 Contractor 53=0211 Name Hamdon Method 55=H Finish 66=

CONSTRUCTION CASING DATA
Top/Casing 77=10 Bot/Casing 78=499 Diameter 79=12

Top/Casing 77=430 Bot/Casing 78=494 Diameter 79=12

CONSTRUCTION OPENINGS DATA
Top/Depth 53=494 Bot/Depth 54=575 Diameter 57=16 Type 55=S Length 59= Width 58=249

Top/Depth 53= Bot/Depth 54= Diameter 57= Type 55= Length 59= Width 58=

CONSTRUCTION LEFT DATA
R=2 T=A 254#1 Lift Type 434 Date 05/29/1998 Intake 34=3124

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

MISCELLANEOUS OWNER DATA
Date of Ownership 159=05/29/1998 Owner Name 161=OLD UNION W A

MISCELLANEOUS OTHER ID DATA
E-Log No. 190=1711 Assigner 191=M I S S I D I S I

Well # 3

MISCELLANEOUS DATA

R=192	T=A	73871	Date of Measurement	1934	1954	196700010	Value	1974
R=192	T=A	73872	Date of Measurement	1934	1954	196700095	Value	1974
R=192	T=A	73873	Date of Measurement	1934	1954	196700000	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	73941	Log Type	1994	Sec. Depth	200	End Depth	201	6310
R=198	T=A	73942	Log Type	1994	Sec. Depth	200	End Depth	201	6251

MISCELLANEOUS NETWORK DATA

106 = QW WL WD *

R=114	T=A	73041	Sec. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184
R=121	T=A	73042	Sec. Year	1154	End Year	1164	Agency Source	1174	Freq.	1184

MISCELLANEOUS REMARKS DATA

R=183	T=A	31141	Date of Remarks	184	Remarks	185
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DISCHARGE DATA

R=146	T=A	Pump/Flow	14741	Date	148	Type	Discharge	150	Sp. Capacity	152
				05/29/1998		703		348		111

GEHYDROLOGIC DATA

R=90	T=A	72141	Depth Top	91	Depth Bot.	92	Unit Id.	93	3111ENTW	304
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HYDRAULIC DATA

R=78	T=A	79041	Unit Test	100	103
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85.6 dd 348 gpm (4 hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red Sandy Clay	0	10
White Clay	10	15
Limerock	15	210
Blue Clay	210	320
Sandy Clay	320	390
Fine Sand	390	480
Clay	480	485
Sand	485	500
Clay	500	510
Sand	510	600
Choppy Sand	600	625
Rock @ 270'		
Rock @ 275'		

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 Lee	
WELL NUMBER 3	CODED <input checked="" type="checkbox"/>
N94	
DATE WELL COMPLETED 05/29/98	

PERMIT NUMBER 15173
NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
SHANNON, MS

NAME & MAILING ADDRESS OF LANDOWNER OLD UNION WATER ASSOCIATION			
831 CR 373			
Shannon, MS 38868			
WELL LOCATION:	SEC 16	TOWNSHIP 11	RANGE N 5 E S 5 W
DISTANCE 3 Miles	DIRECTION W	NEAREST TOWN Shannon	
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 40		
Pump Capacity (GPM) 348	No. of Stages 8	Setting Depth 312' FT.
PUMP TEST Well yielded 348 GPM with a drawdown of 85.55 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 575	Casing Diameter (In.) 12	Casing Length (Ft.) 490
Type of Casing Steel	Hole Depth 625'	Depth to Static Water Level 179.35
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 430.21 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , No Log Run, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log HERNDON WELL & SUPPLY, INC.	

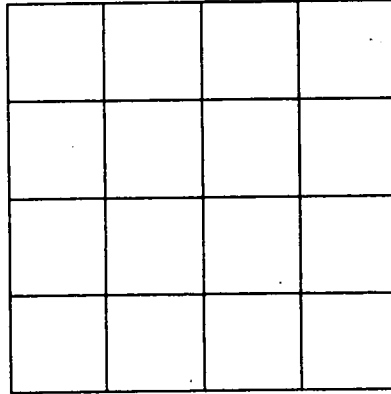
SCREEN DATA		
Diameter - Inches 6"	Length - Feet 81.42	Slot Size - Inches .020
Screen Type SS Ribbed	Depth to Bottom - Feet 575'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 06-17-98A09:33 RCVD			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sandy Clay	0	10	Choppy Sand	600	625
White Clay	10	15			
Limerock	15	210	Rock @ 270'		
Blue Clay	210	320	Rock @ 275'		
Sandy Clay	320	390			
Fine Sand	390	480			
Clay	480	485			
Sand	485	500			
Clay	500	510			
Sand	510	600			
			IF MORE SPACE IS NEEDED, USE BACK		

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

A series of horizontal lines providing space for 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): AH / Mo DATE: 6-8-99

UNIT DEQ #: 84760 FILE #: A060815A
410033-03

HEALTH DEPT. #: NO TAG ELEV.: 330

USGS #: N94 OLWR #: GW15173

OWNER: Old Union w. A. QUAD: TROY SE

LOCATION: S 16 T 115 R 5E COUNTY: LEE

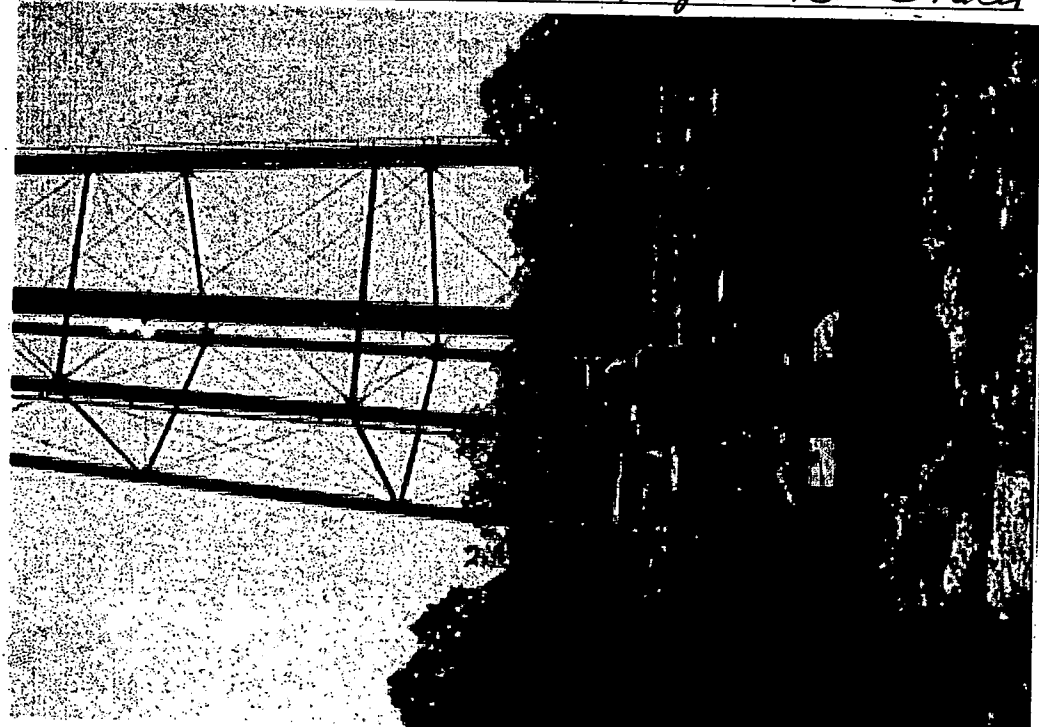
LOCATION DESCRIPTION: Well located between New Hope m.B. Church
Gravel drive approx .25 to elevated tank.

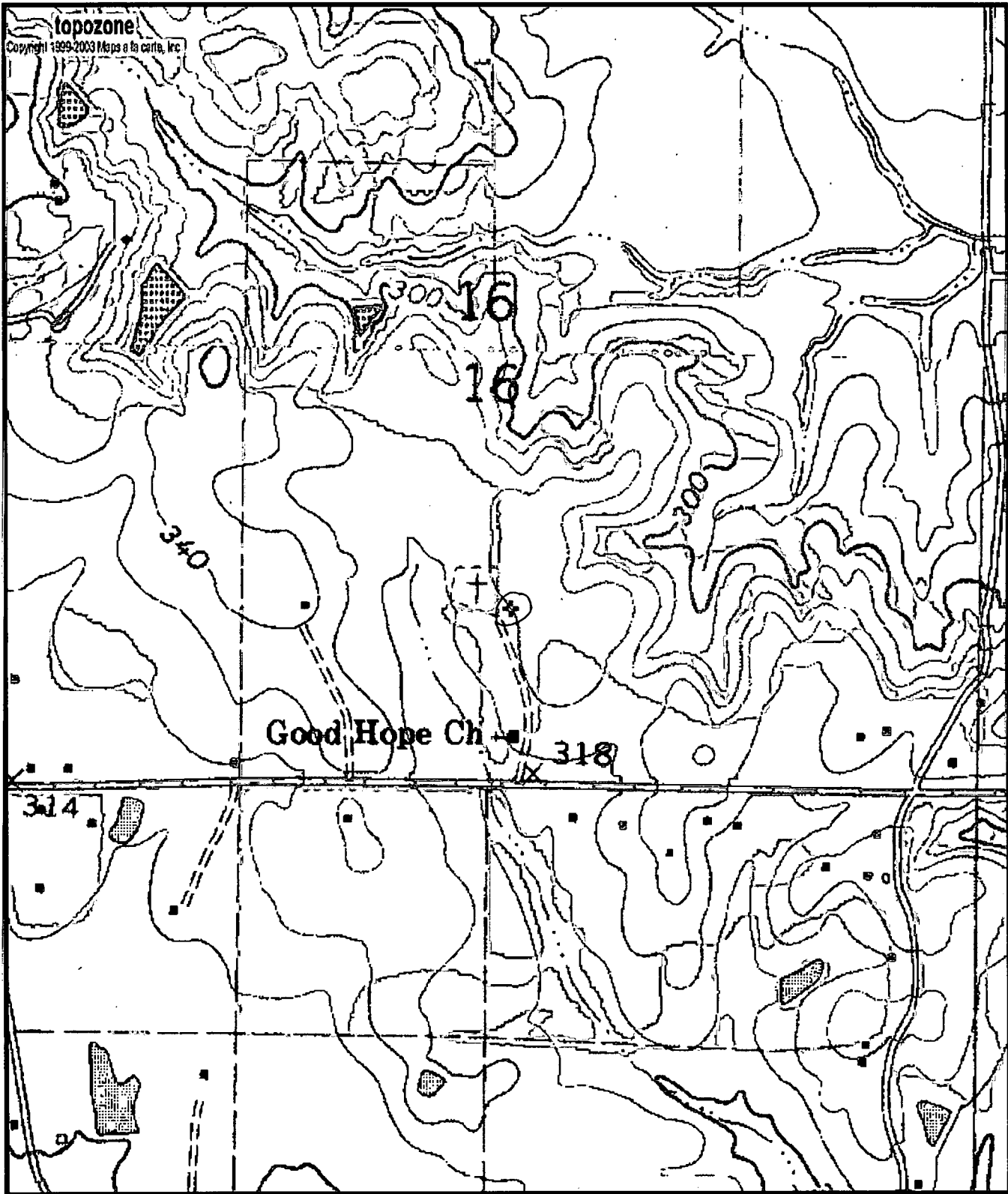
CASING DIAM: _____ PUMP TYPE AND SIZE: 40 HP / Turbine

GPS FIELD LOCATION: LAT: 34 07.356 N LONG: 88 46.845 W

GPS CORRECTED: LAT: 34.121473 LONG: 88.780331

REMARKS: Go into Shannon from Hwy 45. Go to
where you get 245 turn left onto that Hwy.
Go approx 1-1/2 miles to DASH BEE GROCERY. Take
(p.266) right. Go 3/4 to New Hope m.B. Church.





N94
 6W15173
 0410033-03

0 0.1 0.2 0.3 0.4 0.5 km
 0 0.09 0.18 0.27 0.36 0.45 mi
 Map center is 34° 07' 17"N, 88° 46' 49"W (WGS84/NAD83)
Troy SE quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.809
 G=-0.999