

Coded By 7/93
 Checked By 12/13-94
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 Date 12/94

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 183
 County MONROE
 Agency

Well No. B72

WELL RECORD

Agency Code U|S|G|S Site Id 143359126018836031011 Project No. 54

Station Name 12=BO72 WREN WI A Latitude 9=33592161 Longitude 10=018836031

Lat/Long Ac. 11=SFTM Dist 6=28 State 7=28 County 8=995 SE Land Net 13=NWSE1S31T112SR017E

Location Map 14=WREN Altitude 16=3114 Met/Meas 17=ALM Accuracy 18=15 Hydrologic Unit 20=03116011021

Agency Use 803=AIO Date Inventoried 711 Station Type 4 Data Type 804

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

well #5

Date of Construction 21=07/27/1993 Well Use 23=W Water Use 24=P Primary Aquifer 714=41MOSN Hole Depth 27=384

Well Depth 28=241 Water Level 30=138 Water Level Date 31=04/28/1994 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

Construction Date 60=04/28/1994 Contractor 63=0211 Name Herndon Method 65=H Finish 66=S

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1	77# 119
76	A	725#2	59#1	77# 116

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83# 212	84# 241	87# 18	85# S
82	A	726#2	59#1	83#	84#	87#	85#

CONSTRUCTION LIFT DATA

Power 45=E H.P. 46=17.5 Serial No. 49

Lift Type 43=S Date 38=04/28/1994 Intake 44=2311

MISCELLANEOUS OWNER DATA

Date of Ownership 159=04/28/1994 Owner Name 161=WREN WI A

MISCELLANEOUS OTHER ID DATA

E-Log No. 190=183 Assigner 191=M|I|S|S|O|I|S|T

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement	1934 / / .	Aquifer Sampled	195#	Temp	196#00010	Value	197#
R=192	T=A	738#2	Date of Measurement	1934 / / .	Aquifer Sampled	195#	Sp Cond	196#00095	Value	197#
R=192	T=A	738#3	Date of Measurement	1934 / / .	Aquifer Sampled	195#	pH	196#00400	Value	197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Beg. Depth	200# 74 .	End Depth	201# 386 .
R=198	T=A	739#1	Log Type	199#D	Beg. Depth	200# 0 .	End Depth	201# 386 .

MISCELLANEOUS NETWORK DATA *706 = QW WL wD **

R=114	T=A	730#1	Beg. Year	115# 9 .	End Year	116# 9 .	Agency Source	120=A	117#	Freq.	118# .
R=121	T=A	730#2	Beg. Year	115# 9 .	End Year	116# 9 .	Agency Source	117#	Freq.	118# .	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184# / / .	Remarks	185# .
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 04 / 28 / 1994	Type	703#(P)	Discharge	150# 153 .	So. Capacity	272#
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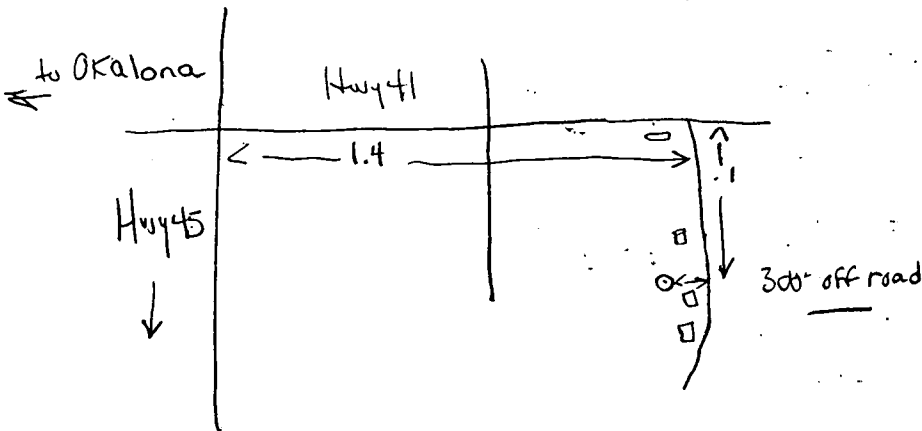
GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 85 .	Depth Bot.	92#	Unit Id	93# 211 MICISIN	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100# .	103# .
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Brown Clay	0	6
Gray Clay	6	15
Blue Clay	15	80
Sandy Clay	80	185
Sand	185	240
Clay, Sand, Lignite	240	325
Rock	325	327
Pea Gravel, Clay	327	350
Clay w/Gravel & Sand	350	386



to Aberdeen ↓

COUNTY ASSOCIATED
Monroe

WELL NUMBER
5

CODED

DATE WELL COMPLETED
04/28/94

B72

PERMIT NUMBER

NAME OF DRILLING FIRM
Herndon Well & Supply

Shannon, MS

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

B-72

NAME & MAILING ADDRESS OF LANDOWNER
Wren Water District

225515 Hwy 45 North

Aberdeen, MS 39730

WELL LOCATION: SEC TOWNSHIP RANGE
31 12 S 7 E W

DISTANCE DIRECTION NEAREST TOWN
5 1/2 Miles W of Amory

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 **7 1/2**

Pump Capacity (GPM) No. of Stages Setting Depth
52.5 6 231' FT.

PUMP TEST
 Well yielded **52.5** GPM with
 a drawdown of **55.29** ft.
 after **8** hours of pumping

WELL DATA

Well Depth 241'	Casing Diameter (In.) 12	Casing Length (Ft.) 200'
Type of Casing Steel	Hole Depth 386'	Depth to Static Water Level 137.5

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
161' 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 8"	Length - Feet 38.98	Slot Size - Inches .020
Screen Type SS Ribbed	Depth to Bottom - Feet 241'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	6			
Gray Clay	6	15			
Blue Clay	15	80			
Sandy Clay	80	185			
Sand	185	240			
Clay, Sand, Lignite	240	325			
Rock	325	327			
Pea Gravel, Clay	327	350			
Clay w/Gravel & Sand	350	386			

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED

MAY 02 1994

Dept. of Environmental Quality
 Office of Land & Water Resources