

GW19448
0820033-01

Coded By 0 8/94
Checked By 7/22 02-16-95 U.S. GEOLOGICAL SURVEY
Entered By LST WATER RESOURCES DIVISION
Date 02/95 MISSISSIPPI DISTRICT

E-Log No. 432
County YAZOO
Agency

Well No. L 30

WELL RECORD

Yazoo City Quad

Agency Code U1S1G1S Site Id 13245410902711011 Project No. 5

Station Name CENTRAL NAZOO WA Latitude 9324547 Longitude 1010217111

Loc/Long Ac. 11 S(F) M Dist 6=28 State 7=28 County 3=1631 Land Use 13=NONRESIDENTIAL

Location Map 14= YAZOO CITY Altitude 16= 340 Met/Meas 17= A L Accuracy 18= 15 Hydrologic Unit 20= 081030121014

Agency Use 803= A I Date Inventoried 711/ / / Station Type 4 Data Type 804=

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

Date of Construction 07/19/1994 Well Use 23= W Water Use 24= P Primary Aquifer 714= 1245 PRTI Hole Depth 27= 1287

Well Depth 29= 1249 Water Level 30= 284 Water Level Date 31= 01/25/1995 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

Construction Date 60= 01/25/1995 Contractor 63= 455 Name Hemdon Method 65= H Finish 66= S

CONSTRUCTION CASING DATA

Top/Casing 77= 101 Bot/Casing 78= 1160 Diameter 79= 121

Top/Casing 77= 1075 Bot/Casing 78= 1159 Diameter 79= 181

CONSTRUCTION OPENINGS DATA

Top/Depth 83= 1159 Bot/Depth 84= 1240 Diameter 87= 181 Type 85= S Length 89= Width 88= 1020

Top/Depth 83= Bot/Depth 84= Diameter 87= Type 85= Length 89= Width 88=

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43= T Date 38= 01/25/1995 Intake 44= 412

Owner H.P. 46= 1601 Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 01/25/1995 Owner Name 161= CENTRAL NAZOO WA

MISCELLANEOUS OTHER ID DATA

E-Log No. 427 Assigner

Well # 5

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#00400	Value 1974 / / / /

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200# 1115'	End Depth 201# 1207'
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200# 1101'	End Depth 201# 1252'

MISCELLANEOUS NETWORK DATA

706 = Qw WL WD *

R=114	T=A	730#1	Sec. Year 1154 / / / /	End Year 1164 / / / /	Agency Source 120=A	Freq. 117# / / / /	118# / /
R=121	T=A	730#2	Sec. Year 1154 / / / /	End Year 1164 / / / /	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# 01/25/1995	Type 703# P	Discharge 150# 346	So. Capacity 272# / / / / /
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 10165'	Depth Bot. 92# 11114'	Unit Id 93# 124SPIRTI	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# / / / / / / / /	103# / /
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55' dd @ 346gpm

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Brown Clay	0	53	Clay w/ Sandy Streaks	1030 1064
Sandy Clay	53	85	Sand	1064 1244
Gravel & Sand	85	115	Clay	1244 1252
Gray Clay w/ Sand			Sand	
Streaks	115	805		
Hard Shale w/ Sand				
Streaks	805	835		
Rock	835	837		
Shale & Sand Streaks	837	970		
Sand w/ Streaks of				
Shale	970	1030	IF MORE SPACE IS NEEDED, USE BACK	

L-30

L30

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

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

COUNTY WELL LOCATED
YAZOO

WELL NUMBER # **5**

DATE WELL COMPLETED
1-25-95

PERMIT NUMBER
MSGW-15448

NAME OF DRILLING FIRM
HERNDON WELL & SUPPLY

NAME & MAILING ADDRESS OF LANDOWNER
CENTRAL YAZOO WA

P.O. BOX 916 YAZOO MS. 39194

Latitude:
Longitude:

WELL LOCATION: SEC **31** TOWNSHIP **11 (N)** RANGE **02 (E)**
S (W)

DISTANCE _____ MILES DIRECTION _____ NEAREST TOWN _____

OTHER LANDMARK _____

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

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 **60**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
BROWN CLAY	0	53
SANDY CLAY	53	85
GRAVEL & SAND	85	115
GRAY CLAY W/SAND STRKS	115	805
HARD SHELL W/SAND STRKS	805	835
ROCK	835	837
SHALE & SAND STREAKS	837	970
SAND W/STRKS OF SHALE	970	1030
CLAY W/SANDY STRKS	1030	1064
SAND	1064	1244
CLAY	1244	1252
SAND	1252	---

WELL DATA

Well Depth 1240	Casing Diameter (In.) 12 3/4	Casing Length (Ft.) 1160
Type of Casing STEEL	Hole Depth 1160	Depth to Static Water Level 282

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

WELL GROUTED TO A DEPTH OF **1160** FEET
Type Grout (circle one) (Cement, Bentonite, or Mix)

SCREEN DATA

Diameter - Inches 8"	Length - Feet 81.10	Slot Size - Inches .020
Screen Type JOHNSON	Depth to Bottom - Feet 1240	

RECEIVED

SEP 02 2003

BY: OLWR

Top of Lap Pipe or Reduction in Casing
1074.74 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Matthew E Herndon 021
Signature of Licensed Driller and License No.

AUGUST 29, 2003
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
346	10	412 FT.

PUMP TEST

Well yielded 346 GPM with
a drawdown of 55 ft.
after 24 hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run,
(Electric,) (Gamma Ray,) Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log

MS DEQ

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

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): Phillips/Jennings DATE: 4/23/98

UNIT DEQ #: _____ FILE #: B042317A

HEALTH DEPT. #: 820033-01 ELEV. 340

USGS #: L30 OLWR #: 6W15448

OWNER: Central Yazoo W.A. #5 QUAD: Yazoo City

LOCATION: SW/NE/NE S 31 T 11N R 2W COUNTY: Yazoo

LOCATION DESCRIPTION: At water tower at intersection
of Old Hwy 49 + Ridge Rd

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32° 45' 41.1" LONG. 90° 26' 09.3"

GPS CORRECTED LOCATION: LAT. 32.761680 LONG. 90.436539

REMARKS: Measured @ 30' from well

TopoZone.com

Target is 32° 45' 42"N, 90° 26' 11"W - YAZOO CITY quad [Quad.Info]

