

0410007-04 GW14317

Coded By 493
Checked By 12-9
Entered By LJT
Date 2/94

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 165
County LEE
Agency

Well No. M37

WELL RECORD

Evergreen Quad

Agency Code U S G I S Site Id 13414230883458011 Project No. 5

Station Name 12 MOOREVILLE LLE RICHMOND Latitude 9 34 14 23 Longitude 10 08 34 58

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=0811 Land Net 13 N W S E S I O S I T I I O S I R I O I E

Location Map 14 EVIERGRIEIN Altitude 16 448 Met/Meas 17 A L M Accuracy 18 1 51 Hydrologic Unit 20 03161011911

Agency Use 803 A 0 Date Inventoried 7 11 / / Station Type 4 Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M 2 W X WA

Date of Construction 21 04 / 10 91 / 19 93 Well Use 23 W Water Use 24 P Primary Aquifer 71 21 11 E U T W Hole Depth 27 14 9 10

Well Depth 28 14 0 0 Water Level 30 2 23 Water Level Date 31 1 10 / 2 1 1 / 19 93 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 1 10 / 2 1 1 / 19 93 Contractor 63 0 2 1 1 Name Herndon Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R=76 T=A 725#1 59#1 Top/Casing 77 1 1 0 1 Bot/Casing 78 3 4 0 Diameter 79 1 1 2

R=76 T=A 725#2 59#1 Top/Casing 77 2 7 8 Bot/Casing 78 3 3 8 Diameter 79 1 6

CONSTRUCTION OPENINGS DATA

R=82 T=A 726#1 59#1 Top/Depth 83 3 3 8 Bot/Depth 84 4 1 0 1 Diameter 87 1 6 Type 85 G Length 89 Width 88 1 0 2 1 0

R=82 T=A 726#2 59#1 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 1 10 / 2 1 1 / 19 93 Intake 44 3 2 1 1

Power 45 E H.P. 46 1 3 0 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 1 10 / 2 1 1 / 19 93 Owner Name 161 MOOREVILLE LLE RICHMOND W A

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 1 1 6 5 1 Assigner 191 M I S S I S I D I S I T

Well #7

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 .	Sp 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	1994E	Req. Depth	2004 2014 .	End Depth	2014 147.81 .
R=198	T=A	739#1	Log Type	1994D	Req. Depth	2004 101 .	End Depth	2014 149.0 .

MISCELLANEOUS NETWORK DATA *706 = Qw WL WD **

R=114	T=A	730#1	Req. Year	1154 9 .	End Year	1164 9 .	Agency Source	120=A	117# .	Freq.	118# .
R=121	T=A	730#2	Req. Year	1154 9 .	End Year	1164 9 .	Agency Source	117# .	Freq.	118# .	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	1844 10 21 11 1993 .	Remarks	185# MSGW 14317
-------	-----	-------	-----------------	------------------------------	---------	-----------------

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	1484 10 21 11 1993 .	Type	703# ②	Discharge	1504 2211 .	So. Capacity	2724 13 415 .
-------	-----	-----------	-------	------	------------------------------	------	--------	-----------	-------------------	--------------	-------------------

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	914 3112 .	Depth Bot.	924 41181 .	Unit Id	934 2111 EWTW .	304=P
------	-----	-------	-----------	--------------	------------	---------------	---------	---------------------	-------

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	1004 .	1034 .
------	-----	-------	-------------	------------------------	----------

Well # 7

64.00 c 24 hrs.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Red Sand	0	15
Blue Sandy Clay	15	90
Blue Clay	90	210
Fine Sand	-210	225
Clay	225	240
Sand	240	360
Clay	360	368
Sand	368	410
Sand & Clay Strks	410	455
Clay w/Sand Strks	455	490

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		PERMIT NUMBER 14317
WELL NUMBER 7	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
M 37		SHANNON, MS
DATE WELL COMPLETED 10/21/93		

NAME & MAILING ADDRESS OF LANDOWNER
MOOREVILLE-RICHMOND WATER ASSOC

P. O. BOX

MOOREVILLE, MS

WELL LOCATION: SEC 5 TOWNSHIP 10 RANGE 7 ^{XX} _S ^E _{XX}

DISTANCE 3 Miles DIRECTION south of NEAREST TOWN Mooreville

OTHER LANDMARK
State Park Rd

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 30

Pump Capacity (GPM)	No. of Stages	Setting Depth
221	17	327 FT.

PUMP TEST
Well yielded 221 GPM with
a drawdown of 64 ft.
after 24 hours of pumping

WELL DATA

Well Depth 400	Casing Diameter (In.) 12	Casing Length (Ft.) 340
Type of Casing steel	Hole Depth 490	Depth to Static Water Level 223

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

Top of Lap Pipe or Reduction in Casing
338.7 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
Herndon Well & Supply, Inc.

SCREEN DATA

Diameter - Inches 6	Length - Feet 61.5	Slot Size - Inches .020
Screen Type SS Ribbed	Depth to Bottom - Feet 400'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
Handwritten notes and signature

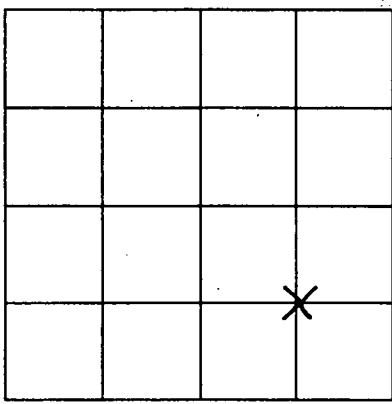
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand	0	15			
Blue Sandy Clay	15	90			
Blue Clay	90	210			
Fine Sand	210	225			
Clay	225	240			
Sand	240	360			
Clay	360	368			
Sand	368	410			
Sand & Clay Strks	410	455			
Clay w/Sand Strks	455	490			

RECEIVED
NOV 15 1993
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 5

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show location of each on sketch.

Top of 6" LAP
338'7

Top of 6" Screen
278'6"

DEPARTMENT OF ENVIRONMENTAL QUALITY ~~OLWR~~

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jennings/Phillips DATE: 10/28/98

UNIT DEQ #: _____ FILE #: B1028203

HEALTH DEPT. #: 410007-04 ELEV. 445'

USGS #: m37 OLWR #: GW14317

OWNER: Mooreville-Richmond W.A QUAD: Evergreen

LOCATION: NW/SE S 5 T 10S R 7E COUNTY: Lee

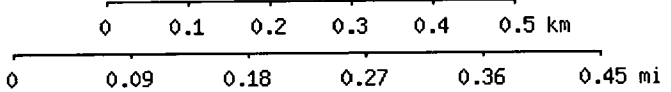
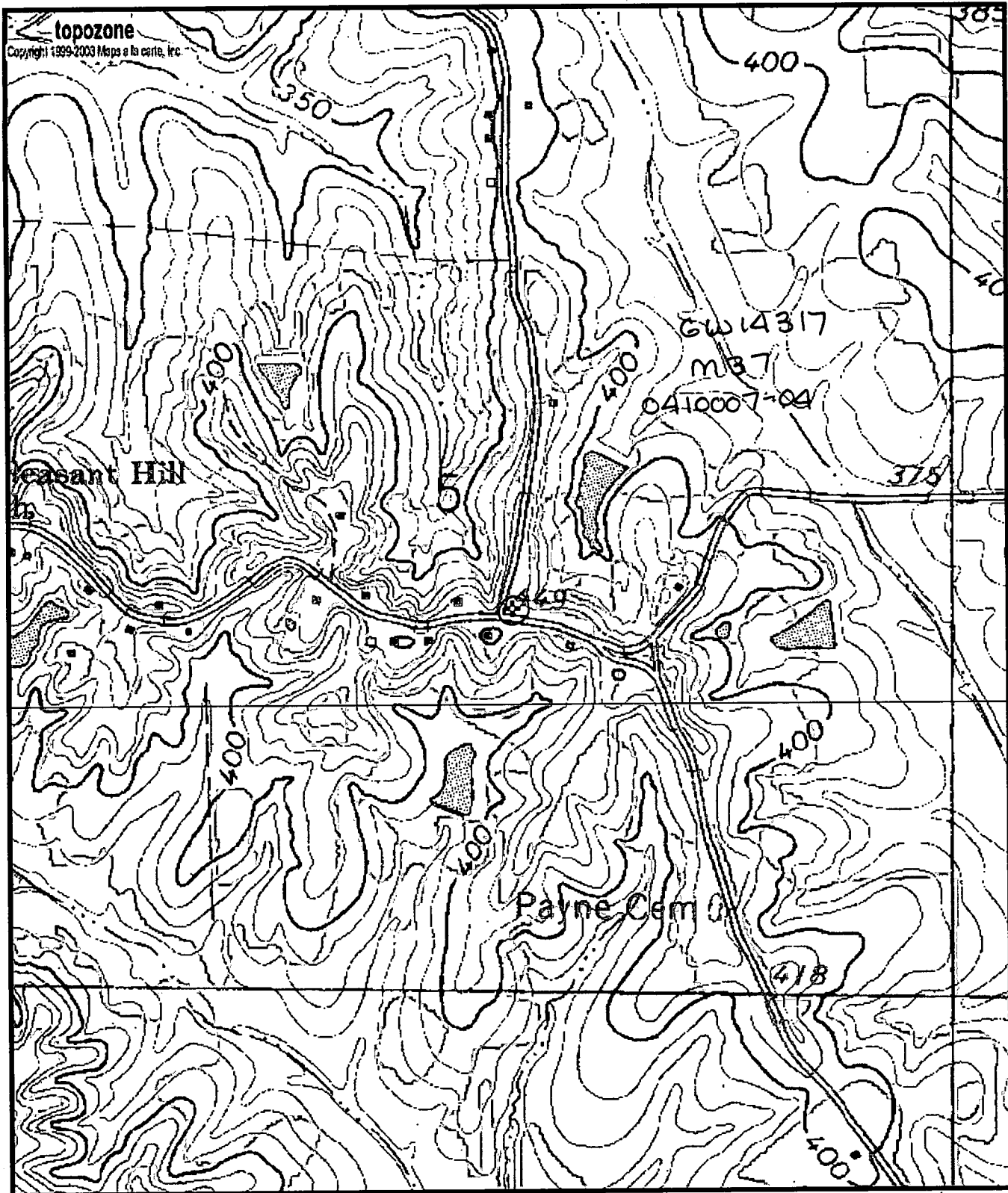
LOCATION DESCRIPTION: At elevated tank at intersection of
State Park Rd & CR 1124

CASING DIA: _____ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 34° 14' 29.1" LONG. 88° 35' 12.7"

GPS CORRECTED LOCATION: LAT. 34.241124 LONG. 88.587631

REMARKS: _____



Map center is 34° 14' 28"N, 88° 35' 15"W (WGS84/NAD83)
Evergreen quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M^k
 G
 M=-0.969
 G=-0.894