

Coded by 6 1199
 Checked by JPK 12-14-99
 Entered by JPK
 Date 12/99

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 65 Well No. J101
 County Desoto
 Agency _____

WELL RECORD

Agency Code U S G S Site ID 1= 344948090091001 Project No. _____
 Station Name J101 NORTH MS UTIL Latitude _____
 Longitude 0900910 Lat/Long AC. Lat/Long Met. Lat/Long Datum Dist Code State Code County Code
11= 3 35= G 36= NAD27 6= 28 7= 28 8= 033
 S=GPS, F=+5 sec, T=+10 sec, M=+1 min, b=+1 min

Land Net Location 13= N E N E S 1 6 T O 3 S R 0 9 W Meridian W
 I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
 Location Map 14= BANKS Altitude 16= 310. Accuracy 18= 5 Method Meas. 17= M
 A=Altimeter, L=Surveying, H=TopoMap, b=Unknown
 Altitude Datum 22= NGVD29 Hydrologic Unit 20= 08030204 Topo Set. 19= Agency Use 803= A I Date Invented 711=
 Station Type 802= Data Type 804= A I Gr. Time 813= -06 Loc. Time 814= Y Web-R 32= Reliability 3= C H U Date of Construction 21= 06-04-1998
 Well Use 23= W Water Use 24= P Primary Aquifer 714= 124 WLCXL Hole Depth 27= 1630. Well Depth 28= 1491.

CONSTRUCTION DATA Construction Date 60= 07-18-1998 Contractor 63= 064 Name Layne Method 65= H Finish 66= G
 R=58 T=A 723#1

CONSTRUCTION CASING DATA
 Top/Casing Bottom/Casing Diameter
R=76 T=A 725#1 59#1 77= 0. 78= 1405. 79= 12.
R=76 T=A 725#2 59#1 77= 1334. 78= 1410. 79= 8.

CONSTRUCTION OPENINGS DATA
 Top/Depth Bottom/Depth Diameter Type Length Width
R=82 T=A 726#1 59#1 83= 1410. 84= 1491. 87= 8. 85= S 89= 88= 030.
R=82 T=A 726#2 59#1 83= 84= 67= 85= 89= 88=

CONSTRUCTION LIFT DATA
 R=42 T=A 254#1 Lift Type 43= T Date 38= 07-18-1998 Intake 44= 260
 Power 45= E H.P. 46= 75. Serial No. 49=

MISCELLANEOUS OWNERSHIP DATA Date of Ownership 159= 07-18-1998
 R=158 T=A 718#1
 Owner Name 161= NORTH MS UTIL Eudora Well

MISCELLANEOUS OTHER ID DATA E-Log No. 190= 065 Assigner 191= M I S S D I S T
 R=189 T=A 736#1

MISCELLANEOUS LOGS DATA
 Log Type Beg. Depth End Depth
R=198 T=A 739#1 199= D 200= 0. 201= 1622.
R=198 T=A 739#2 199= E 200= 118. 201= 1630.

MISCELLANEOUS NETWORK DATA 706=QW,WL,WD*

Beg. Year End Year Agency Source Freq.

R=114 T=A 73041 115= 116= 120=A 117= 118=

Beg. Year End Year Agency Source Freq.

R=121 T=A 73042 115= 116= 117= 118=

MISCELLANEOUS REMARKS DATA

Date of Remarks Remarks

R=183 T=A 31141 184= 07-18-1998 185= MSGW 15148

DISCHARGE DATA

Pump/Flow Date Type Discharge

R=146 T=A 14741 148= 07-18-1998 703= P F 150= 557.

Meth. Dis. Static Water Level Source WL Sp. Capacity

152= 154= 155= 272=

GEOHYDROLOGIC DATA

Depth Top Depth Bottom Unit ID

R=90 T=A 72141 91= 404. 92= 93= 124WLCXL 304=P

HYDRAULIC DATA

Unit Tested

R=98 T=A 79041 100= 103=

HISTORICAL WATER LEVEL DATA

Date Water Level Source

R=234 T=A 235= 07-18-1998 237= 159. 243=L 239= D

Well # 3

July 304

DEPTH	SAND STRATUM	FORMATION	DEPTH	SAND STRATUM	FORMATION
49	49	Brown Clay			
65	16	Sand & Clay Streak			SAMPLES (CONT.)
99	34	Sand & Gravel	15.	835-865	23. 1457 - 1483
101	2	Sand & Rock	16.	865-894	24. 1483 - 1509
118	17	Sand, Gravel, & Clay Streak	17.	894-916	25. 1509 - 1540
131	13	Sand, Lignite, & Clay Streak	18.	985-1015	26. 1540 - 1569
160	29	Hard Gray Clay	19.	1015-1045	27. 1569 - 1595
177	17	Sandy Clay	20.	1045-1072	28. 1595 - 1622
213	36	Hard Clay	21.	1404-1430	
215	2	Rock	22.	1430-1457	
237	22	Hard Clay			
268	31	Sandy Clay			
374	106	Sand, Clay, & Lignite			
511	137	Fine Sand, Shale, & Lignite			
720	209	Fine Sand, Clay, & Lignite			
916	196	Fine Sand, Lignite, & Shale Streak			
985	69	Shale, Lignite, & Sandy Streak			
1072	87	Fine Sand, Shale, & Lignite Streak			
1133	61	Shale, Lignite, & Sandy Streak			
1357	224	Hard Shale & Lignite			
1404	47	Sand, Shale, & Lignite Streak			
1551	147	Fine Sand, Lignite, & Shale Streak			