

Coded By Q 10/93
 Checked By JKS 12-19-94
 Entered By JKS
 Date 12/19/94

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. WF 175
 County Tishomingo
 Agency _____

Well No. E 53

WELL RECORD

Agency Code U S G S Site Id 134490710881157011 Project No. 5

Station Name 12 E053 JUKA Latitude 93449071 Longitude 10408811571

Lat/Long Ac. 11 S F T M Dist 6=28 State 7=28 County 8=1411 Land Net 13 N E S W S 13 T 03 S R 11 01 E x

Location Map 14 JUKA Altitude 16615 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 0160301015

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

Instru. 905 Remarks 806 Relia. 3 C L M U 2 W X

Date of Construction 21 07 / 118 / 11994 Well Use 23 W Water Use 24 P Primary Aquifer 714 300 P L Z 9 Hole Depth 27 394

Well Depth 29 385 Water Level 30 126 Water Level Date 31 07 / 118 / 11994 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 07 / 118 / 11994 Contractor 63 027 Name Webb Method 65 H Finish 66 B

CONSTRUCTION CASING DATA

R= <u>76</u>	T= <u>A</u>	<u>725#1</u>	<u>59#1</u>	Top/Casing <u>77 110</u>	Bot/Casing <u>78 12810</u>	Diameter <u>79 116</u>
R= <u>76</u>	T= <u>A</u>	<u>725#2</u>	<u>59#1</u>	Top/Casing <u>77 12410</u>	Bot/Casing <u>78 13014</u>	Diameter <u>79 110</u>

CONSTRUCTION OPENINGS DATA

R= <u>82</u>	T= <u>A</u>	<u>726#1</u>	<u>59#1</u>	Top/Depth <u>83 13014</u>	Bot/Depth <u>84 13815</u>	Diameter <u>87 110</u>	Type <u>85 S</u>	Length <u>89</u>	Width <u>88 1030</u>
R= <u>82</u>	T= <u>A</u>	<u>726#2</u>	<u>59#1</u>	Top/Depth <u>83</u>	Bot/Depth <u>84</u>	Diameter <u>87</u>	Type <u>85</u>	Length <u>89</u>	Width <u>88</u>

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 07 / 118 / 11994 Intake 44

Power 45 E H.P. 46 175 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 07 / 118 / 11994 Owner Name 161 JUKA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 175 Assigner 191 M I S S I S S I D I S T

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 199#D	Beg. Depth 2004 10 .	End Depth 2014 3914 .
R=198	T=A	739#1	Log Type 199#E	Beg. Depth 2004 40 .	End Depth 2014 3910 .

MISCELLANEOUS NETWORK DATA *706 = QW WL WD **

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184-07/11/81/119914	Remarks 185-MSGW 14073
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148-07/11/81/119914	Type 703- <u>AF</u>	Discharge 1504 1150 .	So. Capacity 2724 .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 914 .	Depth Bot. 924 .	Unit Id 93-30101PILZIC	e 29# 304=2
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004 .	1034 .
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See location on sched. E (Test hole)

70'dd @ 500gpm
96'dd @ 150gpm (24ms)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red clay	0	29	Hard Rock - Pleistoc	210	225
Red sand	29	56	Rock - shales & silt	195	210
Blue clay	56	82	Hard Rock	210	225
Red sand	82	105	Rock - shales & silt	225	240
Gravel - Hard Rock	105	106	Paleozoic Rock	240	304
Gravel - Hard Rock	105	106			
Gravel	106	106			
Hard Rock	106	106			
Gravel	106	106			
Clay - mixed rock	106	106			
Gravel	106	106			