

Coded By 0 8/95
 Checked By 2/29/98
 Entered By 2/29/98
 Date 2/29/98

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 140
 County LEFLORE
 Agency LEFLORE

Well No. J120
128c

WELL RECORD

Agency Code U I S I G I S Site Id 113131312111709102131416011 Project No. 5

Station Name 12 J120 AMERICA'S RATION Latitude 9 3131312117 Longitude 10 40191012131416

Lat/Long Ac. 11 3 7 Dist 6-29 State 7-29 County 8-083 SWSW Land Net 13 NEWSW1S103T1191N1R1021W

Location Map 14 BEAIRI 16 WIT 18 YOMI Altitude 16 116 Mec/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 0181013102107

Agency Use 803 A 1 0 Date Inventoried 711 / / Station Type 4 Data Type 804

Instru. 305 Remarks 306 Relia. 3 C M U 3 H X

Date of Construction 21 06/10/11/1995 Well Use 23 A Water Use 24 P Primary Aquifer 714 2 H M U W X Hole Depth 27 1236

Well Depth 28 1200 Water Level 30 119 Water Level Date 31 06/22/1995 Method 34 Status 37 Source 35 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 06/22/1995 Contractor 63 06/14 Name Layne Method 65 H Finish 66 C

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1</u> <u>59#1</u>	<u>77 119</u>	<u>78 1136</u> <u>79 12</u>
<u>76</u>	<u>A</u>	<u>725#2</u> <u>59#1</u>	<u>77 1092</u>	<u>78 1140</u> <u>79 18</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>32</u>	<u>A</u>	<u>726#1</u> <u>59#1</u>	<u>83 1140</u>	<u>84 1200</u>	<u>87 18</u>	<u>85 8</u>	<u>89 111</u> <u>88 1915</u>
<u>32</u>	<u>A</u>	<u>726#2</u> <u>59#1</u>	<u>83</u>	<u>84</u>	<u>87</u>	<u>85</u>	<u>89</u> <u>88</u>

CONSTRUCTION LIFT DATA

R=32 T=A 254#1 Lift Type 43 T Date 38 06/22/1995 Intake 44

Power 45 F H.P. 46 130 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 719#1 Date of Ownership 159 04/22/1995 Owner Name 161 AMERICA'S RATION

MISCELLANEOUS OTHER ID DATA

R=199 T=A 736#1 E-Log No. 190 140 Assigner 191 M I S S I D I S T

MISCELLANEOUS QM 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#	So Cond 196#00095	Value 197#
R=192	T=A	738#3	Date of Measurement 1934 / /	Aquifer Sampled 195#	pH 196#00000	Value 197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E	Sec. Depth 200# 110	End Depth 201# 1213
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200# 101	End Depth 201# 236

MISCELLANEOUS NETWORK DATA *106 = QW WL WD **

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# / /	Remarks 185#
-------	-----	-------	-----------------------------	-----------------

DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 06 / 24 / 1995	Type 703# P	Discharge 150# 400	So. Capacity 272#
-------	-----	--------------------	-----------------------------	----------------	-----------------------	----------------------

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 11 29	Depth Bot. 92# 12 26	Unit Id 93# 124 MUMXI	304#
------	-----	-------	------------------------	-------------------------	--------------------------	------

HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#	103#
------	-----	-------	---------------------	------

15' dd @ 400 gpm

DRILLED FOR HOMERICKS CAVE
ADDRESS Itabena Ms.
OF SEC. _____ TS _____ F. _____

TOTAL DEPTH	EACH STRATUM	FORMATION
0-28	28'	CLAY
28-40	12'	SAND
40-88	48'	COURSE SAND +PG
88-145	57'	COURSE SAND +G
145-260	115'	SAND
260-366	106'	CLAY
366-509	163'	SAND
509-640	111'	SANDY SHALE
640-687	47'	SAND
687-746	59'	Green sandy shale and sand
746-807	61'	Green sandy shale and rock strata.
807-1037	230'	SHALE
1037-1095	58'	SAND AND SHALE STRATA.
1095-1105	10'	SHALE
1105-1116	11'	SAND
1116-1129	13'	SHALE
1129-1226	96'	SAND
1226-1236	10'	SANDY SHELL