

Coded By
Checked By
Entered By
Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 321
County COPIAH
Agency

Well No. D101

WELL RECORD

3000 Area
77 ft
50
87 ft
13'

Agency Code
U S G S

Site Id

1 3158190902207011

Project No.

5 | | | | | | | | | |

Station Name

12 D101 CRYSTAL SPRINGS

Latitude

9 315819

Longitude

10 0902207

Lat/Long Ac.

11 S F T M

Dist

6=28

State

7=28

County

8 029

Land and Net

13 SENE SISI T P 2 W R 10 2 W

Location Map

14 CRYSTAL SPRINGS

Altitude 470

16 460

Met/Meas

17 A L M

Accuracy

18 15

Hydrologic Unit

20 0131181010031

Agency Use

803 A I O

Date Inventoried

711 | | | | | | | | | |

Station Type

4 | | | | | Y

Data Type

804 | | | | | | | | | |

Instru.

805

Remarks

806 | | | | | | | | | |

Relia.

3 C L M U

2 W X

Date of Construction

21 03 / 11 / 1991

M U Well Use

23 W

Water Use

24 P

Primary Aquifer

714 121 CRWL

Hole Depth

27 1160

Well Depth

28 137

Water Level

30 178 15

Water Level Date

31 04 / 1201 / 1991

Method

34 |

Status

37 |

Source

33 D

CONSTRUCTION DATA

R=58

T=A

723#1

Construction Date

60 04 / 1201 / 1991

Contractor

63 184

Name GRINER

Method

65 R

Finish

66 6

CONSTRUCTION CASING DATA

R=76

T=A

725#1

59#1

Top/Casing

77 | | | | |

Bot/Casing

78 | | | | |

Diameter

79 | | | | |

R=76

T=A

725#2

59#1

Top/Casing

77 | | | | |

Bot/Casing

78 | | | | |

Diameter

79 | | | | |

CONSTRUCTION OPENINGS DATA

R=82

T=A

726#1

59#1

Top/Depth

83 | | | | |

Bot/Depth

84 | | | | |

Diameter

87 | | | | |

Type

85 9

Length

89 | | | | |

Width

88 | | | | |

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 04 / 1201 / 1991

Intake

44 1154

Power

H.P.

Serial No.

45 4

46 115

49 | | | | |

MISCELLANEOUS OWNER DATA

R=158

T=A

718#1

Date of Ownership

159 04 / 1201 / 1991

Owner Name

161 CRYSTAL SPRINGS

MISCELLANEOUS OTHER ID DATA

R=189

T=A

736#1

E-Log No.

190 3211

Assigner

191 M I S S I D I S I T

6/15/94 CAR/DRB

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#E *	Beg. Depth 2004 / / 154 *	End Depth 2014 / / 1504 *
R=198	T=A	739#1	Log Type 199#D *	Beg. Depth 2004 / / 194 *	End Depth 2014 / / 1604 *

MISCELLANEOUS NETWORK DATA $T_{106} = QW \quad WL \quad WD *$

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 1844 / / / / / / / / *	Remarks 1854 / / / / / / / / *
-------	-----	-------	---	-----------------------------------

DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 1484 / 04 / 20 / 1199 / 11 *	Type 703# P F	Discharge 1504 / 1377 / 1 *	Sp. Capacity 2724 / 117 / 17 *
-------	-----	--------------------	--------------------------------------	------------------	--------------------------------	-----------------------------------

GEOHYDROLOGIC DATA

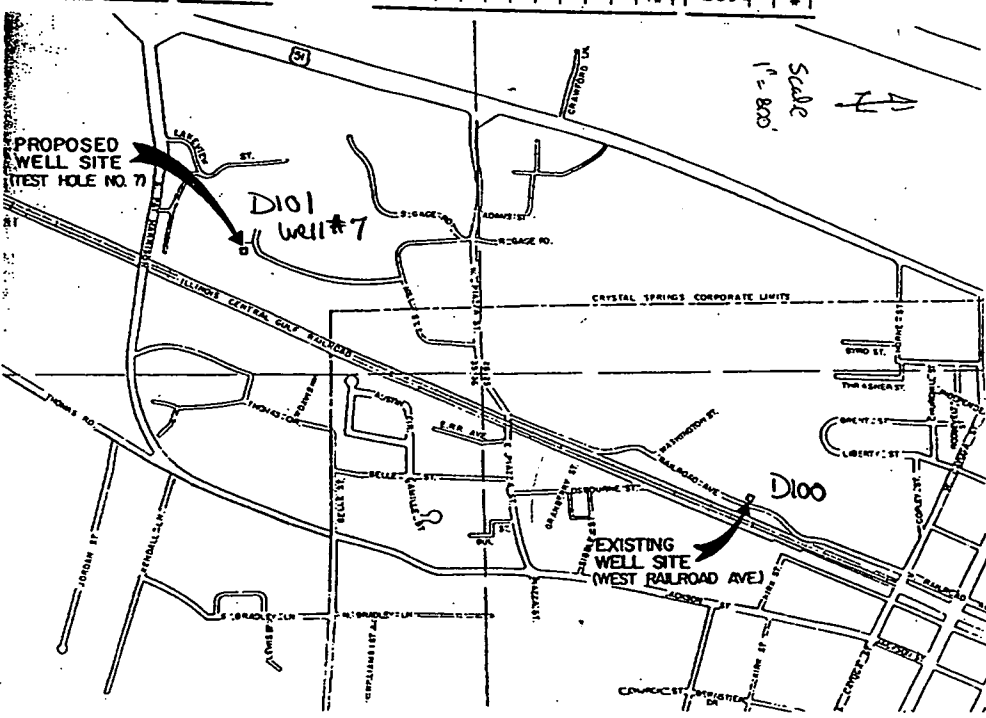
R=90	T=A	721#1	Depth Top 914 / / 179 / 1 *	Depth Bot. 924 / / 1317 / 1 *	Unit Id 934 / 121 / 1 / R / N / L	304=P
------	-----	-------	--------------------------------	----------------------------------	--------------------------------------	-------

HYDRAULIC DATA

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

Well #7

GW 13120 15003-08



MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED COPIAH		PERMIT NUMBER GW-13120
WELL NUMBER No. 7	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM GRINER
101		
DATE WELL COMPLETED April 91		

NAME & MAILING ADDRESS OF LANDOWNER
CITY OF CRYSTAL SPRINGS
CRYSTAL SPRINGS, MS.
Test Hole No. 7

WELL LOCATION: SEC **35** TOWNSHIP **2 N 2 E** RANGE **2 W**

DISTANCE _____ MILES _____ OF _____ 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 _____

Pump Capacity (GPM) **377** No. of Stages **6** Setting Depth **154 1/2** FT.

PUMP TEST
Well yielded **377** GPM with
a drawdown of **7.91** ft.
after **24** hours of pumping

WELL DATA

Well Depth 137 ft.	Casing Diameter (In.) 16"	Casing Length (Ft.) 75
Type of Casing STEEL	Hole Depth 78.49 ft.	Depth to Static Water Level 78.49 ft.

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

Top of Lap Pipe or Reduction in Casing **+2' Above G.L.**

+2' Above G.L. EET 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
GRINER DRILLING SERVICE

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - Inches 10"	Length - Feet 50	Slot Size - Inches .020
Screen Type WIRE WOUND	Depth to Bottom - Feet 137'	

Driller's Remarks
10" SUMP - 19.89 ft. below SCREEN + WHITE
10" LAP PIPE TO 10' BELOW G.L.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
TOP SOIL	0	2		
RED CLAY & SAND	2	5		
GRAVEL (FEA)	5	50		
SAND & GRAVEL	50	135		
CLAY, GRAY HARD	135	160		

RECEIVED

MAY 21 1991

Dept. of Environmental Quality
Bureau of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK