

Coded By Q 1193
 Checked By JR 12-12-94
 Entered By ESJ
 Date 10/94

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 49
 County LEAKE
 Agency LEAKE

Well No. F57
191P

WELL RECORD

Agency Ccode: U S G S Site Id: 132460810893527011 Project No.: 5

Station Name: 12 F057 NEW PROVIDENCE WIA Latitude: 9324608 Longitude: 1040893527

Lat/Long Ac.: 11 S F M Dist: 5=28 State: 7=28 County: 8=079 Land Net: 13 SWSW S1281 T111 N R101 E 2

Location Map: 14= NONWAY Altitude: 16=4100 Met/Meas: 17= A L N Accuracy: 18= 15 Hydrologic Unit: 20= 0318001011

Agency Use: 803= A I O Date Inventoried: 711= / / Station Type: Y Data Type: 804=

Instru.: 805= Remarks: 806= Relia.: 3= C L M U 2= W X

Date of Construction: 21= 11/01/13/1993 Well Use: 23= W Water Use: 24= P Primary Aquifer: 714= 24 WLCXIM Hole Depth: 27= 110217

Well Depth: 28= 980 Water Level: 30= 115 Water Level Date: 31= 02/11/1994 Method: 34= Status: 37= Source: 33= D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60= 02/11/1994 Contractor: 63= 06/4 Name: Layne Method: 65= H Finish: 66= S

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1 59#1	77# 11 P	78# 940 79# 112
76	A	725#2 59#1	77# 186 K	78# 940 79# 16

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1 59#1	83# 940	84# 980	87# 16	85# S	89# 112 88# 10215
82	A	726#2 59#1	83#	84#	87#	85#	89# 112 88#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43= T Date: 38= 02/11/1994 Intake: 44= 2110

Power H.P. Serial No.
45= 4 46= 25 49=

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159= 02/11/1994 Owner Name: 161= NEW PROVIDENCE WIA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No.: 190= 049 Assigner: 191= M I S S I 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 1994 <u>EL</u> *	Req. Depth 2004 110 *	End Depth 2014 1018 *
R=198	T=A	739#1	Log Type 1994 <u>D</u> *	Req. Depth 2004 101 *	End Depth 2014 10217 *

MISCELLANEOUS NETWORK DATA ^{106 = Qw WL WD *}

R=114	T=A	730#1	Req. Year 1154 9 *	End Year 1164 9 *	Agency Source 120=A 117#	Freq. 1184 *
R=121	T=A	730#2	Req. Year 1154 9 *	End Year 1164 9 *	Agency Source 117#	Freq. 1184 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 1844 <u>OK 11/19/11 99/4</u> *	Remarks 1854 <u>MSGW 14791</u> *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 1484 <u>02/11/01/11 99/4</u> *	Type 703 <u>P</u> F	Discharge 1504 13112 *	Sp. Capacity 2724 1818 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 914 944 *	Depth Bot. 924 985 *	Unit Id 934 124WLCX ^M	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 1004 *	1034 *
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T.W. #2
Well #3

~~6x4" test well~~

35.6' dd @ 312 gpm @ 24 hr.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0'	10'	Sand	625'	740'
Sand & Clay Streaks	10'	45'	Sand, Shale & Lignite	750'	810'
Blue clay	45'	95'	Sandy Shale & Lignite	810'	914'
Sand & Clay Streaks	95'	220'	Sand & clay streaks	914'	934'
Clay & Shale	220'	341'	Sand	934'	944'
Sandy Clay & Lime	341'	389'	Clay	944'	954'
Hard shale	389'	420'	Sand	954'	990'
Sandy clay & shale streaks	420'	514'	Clay & Lignite	990'	1027'
Clay & Shale	514'	554'			
Hard Shale	554'	600'			
Sandy Shale	600'	625'			

IF MORE SPACE IS NEEDED, USE BACK