

GW13637

Ebenezer

Coded By 0 1190
Checked By 7-31-91
Entered By
Date 7-11-91

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 120
County HOLMES
Agency

Weil No. V19

WELL RECORD

Agency Code: U | S | G | S Site Id: 1 3 2 5 8 2 1 0 9 1 0 0 5 1 5 0 1 1 Project No.: 5 | | | | | | | | | |

Station Name: 12 10 11 9 1 EBENEZER W IA Latitude: 9 3 2 5 8 2 1 1 Longitude: 10 0 9 1 0 1 0 5 1 5

Lat/Long Ac.: 11 S F T M Dist: 6-28 State: 7-28 County: 8 0 5 1 Land Net: SW 13 N W S W S 1 5 T 1 3 N R 1 0 2 E

Location Map: 14 EBENEZER Altitude: 345 Met/Meas Accuracy: 18 1 5 Hydrologic Unit: 20 0 8 1 0 1 6 1 0 1 2 1 0 2 1

Agency Use: 803 A I 0 Date Inventoried: 7 1 1 / / Station Type: J | | | | Y Data Type: 804 | | | | | | | | | |

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

Date of Construction: 21 1 0 / 1 1 2 / 1 1 9 9 0 1 Well Use: 23 W Water Use: 24 P Primary Aquifer: 7 2 4 1 2 4 M U W X Hole Depth: 27 1 5 1 1 4

Well Depth: 29 1 4 6 0 1 Water Level: 30 1 3 7 Water Level Date: 3 1 1 1 / 0 7 / 1 1 9 9 0 1 Method: 34 | Status: 37 | Source: 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 6 0 4 1 1 / 1 0 7 / 1 1 9 9 0 1 Contractor: 63 0 6 4 Name: Layne Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

R	T	#	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59# 77# 1 0 1	78# 1 4 1 0 1	79# 1 2 1
76	A	725#2	59# 77# 1 3 4 7	78# 1 4 1 0 1	79# 1 8 1

CONSTRUCTION OPENINGS DATA

R	T	#	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59# 83# 1 4 1 0	84# 1 4 6 0 1	87# 1 8	85 S	89#	88#
82	A	726#2	59# 83#	84#	87#	85	89#	88#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43 T Date: 3 8 1 1 / 1 0 7 / 1 1 9 9 0 1 Intake: 44 | | | |

Power: 45 E H.P.: 46 1 4 0 Serial No.: 49 | | | | | | | | | |

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 1 5 9 1 1 / 1 0 7 / 1 1 9 9 0 1 Owner Name: 1 6 1 EBENEZER W IA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No.: 190 1 2 1 0 Assigner: 191 M I S S I D I S T

MISCELLANEOUS QW 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 .	Sp Cond 196#00095	Value 197 .
R=192	T=A	738#3	Date of Measurement 1934 11 / 07 / 1990 .	Aquifer Sampled 195 124M U W X .	pH 196#00400	Value 197 8 4 .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E .	Seq. Depth 200 15 .	End Depth 201 1480 .
R=198	T=A	739#1	Log Type 199#D .	Seq. Depth 200 01 .	End Depth 201 1514 .

MISCELLANEOUS NETWORK DATA

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 11 / 07 / 1990 .	Remarks 185# MS GW 13637
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 11 / 07 / 1990 .	Type 703# P	Discharge 150 1331 .	So. Capacity 272 .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 1395 .	Depth Bot. 92 1472 .	Unit Id 93 124M U W X .	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 .	103 .
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Well #2
(420' NE of Well #1)

rpt 5.2 gpm/ft (9 hrs)
pH = 8.4
Fe = .2

Description of formation encountered	ft	ft
Top Soil	0	14
Red Clay	14	14
White Clay	14	14
Sand	14	18
Blue Clay	18	24
Sandy Clay	24	31
Shale	31	31
Hard Shale	31	34
Fine Sand	34	35
Shale	35	38
Medium Sand	38	39
Sandy Shale	39	41
Fine to Medium Sand	41	43
Sandy Shale	43	44
Fine Sand	44	46
Sandy Shale	46	47
Hard Shale	47	48
Shale	48	50
Rock	50	51
Shale	51	52
Rock	52	53
Shale	53	54
Rock	54	55
Shale	55	56
Rock	56	57
Shale	57	58
Rock	58	59
Shale	59	60
Rock	60	61
Shale	61	62
Rock	62	63
Shale	63	64
Rock	64	65
Shale	65	66
Rock	66	67
Shale	67	68
Rock	68	69
Shale	69	70
Rock	70	71
Shale	71	72
Rock	72	73
Shale	73	74
Rock	74	75
Shale	75	76
Rock	76	77
Shale	77	78
Rock	78	79
Shale	79	80
Rock	80	81
Shale	81	82
Rock	82	83
Shale	83	84
Rock	84	85
Shale	85	86
Rock	86	87
Shale	87	88
Rock	88	89
Shale	89	90
Rock	90	91
Shale	91	92
Rock	92	93
Shale	93	94
Rock	94	95
Shale	95	96
Rock	96	97
Shale	97	98
Rock	98	99
Shale	99	100

Holmes
V 19

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
 Bureau of Land and Water Resources
 Southport Mall
 P.O. Box 10631
 Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

Coded

Nov. 7 1990 Layne-Central Co. Holmes
 date well completed firm name county well located

LANDOWNER: <u>Ebenezer W.A.</u>	description of formations encountered	from	to
<u>Rt 2 Box 249</u>	<u>Top Soil</u>	<u>0</u>	<u>1</u>
<u>Ebenezer, MS 39064</u> (mailing address)	<u>Red Clay</u>	<u>1</u>	<u>14</u>
WELL LOCATION:	<u>White Clay</u>	<u>14</u>	<u>64</u>
sec. <u>15</u> T. <u>13</u> N R. <u>2</u> E	<u>Sand</u>	<u>64</u>	<u>187</u>
<u>SW 1/4 of NW 1/4 of SW 1/4</u>	<u>Blue Clay</u>	<u>187</u>	<u>242</u>
(distance) miles (direction) of (nearest town)	<u>Sandy Clay</u>	<u>242</u>	<u>415</u>
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Shale</u>	<u>415</u>	<u>531</u>
WELL COMPLETION DATA:	<u>Hard Shale</u>	<u>531</u>	<u>540</u>
(1) diameter (inches) <u>12"</u>	<u>Fine Sand</u>	<u>540</u>	<u>613</u>
(2) total depth (feet) <u>1471</u>	<u>Shale</u>	<u>613</u>	<u>628</u>
(3) static water level (feet) <u>139</u> below above top of ground.	<u>Medium Sand</u>	<u>628</u>	<u>759</u>
(4) casing <u>Steel</u> <u>1410'</u> (material) (depth)	<u>Sandy Shale</u>	<u>759</u>	<u>788</u>
<u>12"</u> If telescope see back. <u>1410</u> (size) <u>63'</u> of <u>8"</u>	<u>Fine to Medium Sand</u>	<u>788</u>	<u>848</u>
(5) screen <u>50</u> <u>1410'</u> (length) (depth to top)	<u>Sandy Shale</u>	<u>848</u>	<u>884</u>
<u>8"</u> <u>Stainless Steel</u> (size) (material)	<u>Fine Sand</u>	<u>884</u>	<u>910</u>
(6) pump <u>140</u> <u>300</u> (HP) (yield gpm)	<u>Sandy Shale</u>	<u>910</u>	<u>1009</u>
<u>240 volts</u> (type power)	<u>Hard Shale</u>	<u>1009</u>	<u>1058</u>
(7) electric log <u>Yes</u> (yes or no)	<u>Hard Rock</u>	<u>1058</u>	<u>1060</u>
<u>Layne-Central Co.</u> (organization running log)	<u>Shale</u>	<u>1060</u>	<u>1061</u>
(8) how well bottom plugged <u>Back</u>	<u>Rock</u>	<u>1061</u>	<u>1063</u>
<u>PRESSURE VALVE</u>	<u>Shale</u>	<u>1063</u>	<u>1064</u>
DRILLERS REMARKS: <u>Permit #</u>	<u>Rock</u>	<u>1064</u>	<u>1066</u>
<u>MS GW 13637</u>	<u>Shale</u>	<u>1066</u>	<u>1068</u>
	<u>Hard Rock</u>	<u>1068</u>	<u>1069</u>
	<u>Shale</u>	<u>1069</u>	<u>1074</u>
	<u>Rock</u>	<u>1074</u>	<u>1077</u>
	<u>Hard Shale</u>	<u>1077</u>	<u>1097</u>
	<u>Rock</u>	<u>1097</u>	<u>1098</u>
	<u>Limestone & Stk. Shale</u>	<u>1098</u>	<u>1236</u>
	<u>Hard Shale</u>	<u>1236</u>	<u>1302</u>
	<u>Sandy Shale</u>	<u>1302</u>	<u>1316</u>
	<u>Shale</u>	<u>1316</u>	<u>1373</u>
	<u>Fine Sand & Stk. of shale</u>	<u>1373</u>	<u>1387</u>
	<u>Shale</u>	<u>1387</u>	<u>1390</u>
	<u>Fine Sand & Stk. of Shale</u>	<u>1390</u>	<u>1424</u>
	<u>Fine Sand</u>	<u>1424</u>	<u>1478</u>
	<u>Shale</u>	<u>1478</u>	<u>1514</u>

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Ebenezer Quod
U.S.G.S. E-log # 120

WELL OWNER Ebenezer W.A (#2) CHECKED
U.S.G.S. NO. V-10 7/19/94
B.O.H. NO 260007-02 7/19/94
OLWR NO. 13637 7/19/94

LOCATION:

MAP SW, NW, SW S 15, T 13 N, R 2 E 7/19/94
GPS _____

ELEV. (MSL) 345' 7/19/94
W.L. (L.S.) (1) -132.49' 7/19/94
(2) -132.39' 7/19/94
HEAD (MSL) +212.61' 7/19/94

SCREENED INTERVAL 1,410' - 1,460' (L.S.) / -1,065' - -1,115' (MSL) 7/19/94

AQUIFER VERIFIED Meridian - upper wilcox 7/19/94

PREVIOUS W.L. -137' (1990) 7/19/94

DATA ENTERED _____

170

171

172

5'

LEXINGTON 8 MI.

174

2950 II
(LEXINGTON 1:62500)



Ebenezer Quad

St. Peter's Church

Ebenezer

D.R.

28

26