

Coded By 0691
 Checked By 0288-7191
 Entered By 156
 Date 07-08-91

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

E-Log No. 93
 County LAUDERSALE
 Agency LAUDERSALE

Well No. 88
~~108~~

WELL RECORD

Agency Code U S G S Site Id 13216580893050911 Project No. 54

Station Name 12 T0821 LIONS CREEK W A Latitude 9 321658 Longitude 10 0883050

Lat/Long Ac. 11 S F T M Disc 6-29 State 7-29 County 8-0751 Land/Net 13 NEW SW

Location Map 14 M V I L L E Altitude 16 536 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 103117101012

Agency Use 303 A 1 0 Date Invented 711 Station Type 4 Data Type 804

Instru. 305 Remarks 806 Relia. 3 C L M U 2 H X

Date of Construction 21 02/08/1991 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 W L R X L Hole Depth 27 10101

Well Depth 28 876 Water Level 30 292 Water Level Date 31 02/08/1991 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 02/08/1991 Contractor 53 0164 Name Layne Method 65 A Finish 66 5

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
R=76	T=A	725#1	59#1	77 1/4
R=76	T=A	725#2	59#1	77 1/4

R=76* T=A* 725# 3* 59# 1
 77# 45
 78=876
 79=6

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=32	T=A	726#1	59#1	83 1/2	S	89	88
R=32	T=A	726#2	59#1	83 1/2	S	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 02/08/1991 Intake 44

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

MISCELLANEOUS OWNER DATA

Date of Ownership 159 02/08/1991 Owner Name 161 LONG CREEK W A

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 1193 Assigner 191 M T S I S I O I I S I I

MISCELLANEOUS QW DATA

R	T	W	Date of Measurement	Aquifer Sampled	Temp	Value
R=192	T=A	738#1	1934 / / / / / / / /	195# / / / / / / / /	196#00010	197# / / / /
R=192	T=A	738#2	1934 / / / / / / / /	195# / / / / / / / /	196#00095	197# / / / /
R=192	T=A	738#3	1934 / / / / / / / /	195# / / / / / / / /	196#00400	197# / / / /

MISCELLANEOUS LOGS DATA

R	T	W	Log Type	Beg. Depth	End Depth
R=198	T=A	739#1	199#E	200# 1410'	201# 11010'
R=198	T=A	739#1	199#D	200# 1101'	201# 11010'

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

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

MISCELLANEOUS REMARKS DATA

R	T	W	Date of Remarks	Remarks
R=183	T=A	311#1	184# 02 / 10 / 1199	185# MS-GW-13470

DISCHARGE DATA

R	T	W	Date	Type	Discharge	So. Capacity
R=146	T=A	147#1	148# 02 / 10 / 1199	703# P	150# 11010'	272# / / / /

GEOHYDROLOGIC DATA

R	T	W	Depth Top	Depth Bot.	Unit Id
R=90	T=A	721#1	91# 11010'	92# 11101'	93# 24WLRXL

HYDRAULIC DATA

R	T	W	Unit Tested
R=98	T=A	790#1	100# / / / / / / / / 103# / *

broken cards

Description of formations encountered	From	To
Red Sand	0	15
Yellow Clay	15	35
Sand w/ Clay S&S	35	120
Clay	120	150
Sandy Clay + Lignite	150	250
Rock	250	255
Clay	255	281
Rock	281	285
Clay	285	310
Sandy Shale	310	358
Rock	358	330
Shale	330	425
Fine Sand & Shale	425	490
Rock	490	498
Fine Sand & Shale	498	511
Rock	511	512
Fine Sand & Shale	512	541
Rock	541	545
Sandy Shale	545	645
Sand & Shale S&S	645	694
Sandy Clay	694	722
Shale	722	790
Sand w/ Shale S&S	790	859
Clay / Sandy & Lignite	859	874
Sand	874	910
Sandy Shale & Lignite	910	990
Hard Shale	990	1000