

Coded By Q 3/96  
 Checked By JPL 09/25/96  
 Entered By 29/23  
 Date 9/96

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT

E-Log No. 53  
 County LEAKE  
 Agency \_\_\_\_\_

Well No. Φ 38

WELL RECORD

Agency Code U1S1C1S1 Site Id 132373108937742011 Project No. 54

Station Name 12400381 SI W LEAKE W IA Latitude 9323734 Longitude 10408937742

Lat/Long Ac. 112 3 F Dist 6=28 State 7=29 County 2=0119 Land Net 13=5 W W E S I 18=1019 N R 1017 E L

Location Map 14= O F A H O M A Altitude 16=3710 Met/Meas 17= A L Accuracy 18= 15 Hydrologic Unit 20= 10311810101011

Agency Use 803= 2 9 Date Invented 711= Station Type 4 Data Type 804=

Instru. 305= 306= Remarks \_\_\_\_\_ Relia. 3= C L M U 2= X

Date of Construction 21= 03 / 04 / 1996 Well Use 23= W Water Use 24= P Primary Aquifer 714= 124 W L C X L 4 Hole Depth 27= 11306

Well Depth 28= 1294 Water Level 30= 1116 Water Level Date 31= 07 / 22 / 1996 Method 34= Status 37= Source 33= D

CONSTRUCTION DATA

R=58 T=A 723#1 60= 07 / 22 / 1996 Contractor 63= H S S Name Herndon Method 65= H Finish 66= 0

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
R=76	T=A	725#1	59#1	77# 10
R=76	T=A	725#2	59#1	77# 148
R=76	T=A	725#1	59#1	78# 1230
R=76	T=A	725#2	59#1	79# 12
R=76	T=A	725#2	59#1	78# 1234
R=76	T=A	725#2	59#1	79# 18

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=82	T=A	726#1	59#1	83# 1234	85# S	89#	88# 0201
R=82	T=A	726#2	59#1	83#	85#	89#	88#

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43= S Date 38= 07 / 22 / 1996 Intake 44= 1212

Power 45= F H.P. 46= 160 Serial No. 49=

MISCELLANEOUS OWNER DATA

R=158 T=A 719#1 Date of Ownership 159= 07 / 22 / 1996 Owner Name 161= SI W LEAKE W IA

MISCELLANEOUS OTHER ID DATA

R=199 T=A 736#1 E-Log No. 190= 053 Assigner 191= M I S S I S S I D I S I

#4

MISCELLANEOUS DM DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196J00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	So Cond	196J00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196J00000	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Sec. Depth	200# 140	End Depth	201# 13010
R=198	T=A	739#2	Log Type	199#D	Sec. Depth	200# 101	End Depth	201# 13016

MISCELLANEOUS NETWORK DATA <sup>106 = GW WL WD \*</sup>

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

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184#	Remarks	185#
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 07/22/1994	Type	703# 9 H	Discharge	150# 1412	So. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	81#	Depth Bot.	92#	Unit Id	93# 124WILCIX4	304#
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HYDRAULIC DATA

R=90	T=A	740#1	Unit Tested	100#	103#
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TH # 2 for well #4  
MSB H 400008-00

46' dd @ 400gpm

Color = 35 units

DESCRIPTION OF FORAT ON ENJOINED	FROM	TO	DESCRIPTIONS (Continued)	FROM	TO
Brown Sandy	0	20	Blue Clay	657	692
Sand & Gravel	20	45	Rock	692	693
Blue Sandy Clay	45	144	Blue Clay & Shale Rock	693	850
Rock	144	145	Sandy Clay w/ Streaks of Sand	850	1306
Blue Sand & Clay	145	173			
Brown Sand w/ Streaks of Clay	173	215	Drilled to	1306	
Gray Clay w/ Streaks of Sand	215	540			
Shale Rock w/ Streaks of Sand	540	657			