

Recorded by BRR
Date 1/21/86
Agency USGS

TRANSMITTED FOR ADP
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. Q34 211
E-Log No. 43
County LEAKE
S W LEAKE WA

Site Id 323752089373501 .R=0* T=A* 2=W* Data reliab. 3=C* C U
Dist. 6=28* State 7=28* Co. 8=079* Lat. Long. 9=1323752* 10=0893735*
Well NO. 12=010341* Location 13=SMMS118109WR07E* Alt. 16=379.1* 17=M*
Hyd. Unit (OWDC) 20=0311890011* Date 21=11986191116* (YYYYMMDD)
Agency Use 803=0* Well Use 23=W* Water Use 24=P* Hole depth 27=11012.1* Well depth 28=1256.1*
WL 30=177.1* Date 31=119861041011* Source 33=D*
Project No. 5=

LIFT

R=42* T=A* 254#1* Date 38=119861041011* Lift Type 43= Intake 44=
Power Type 45=E1* H.P. 46=40.11*

CONSTR

R=58* T=A* 723#1* Date 60=119861041011* Drlg 63=01211* Name HERNDON
Method 65=H1* Finish 66=S* Remarks

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# Bot. csng 78=1196.1* Diam. 79#
R=76* T=A* 725#2* 59#1* Top csng 77# Bot. csng 78= Diam. 79#

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# Bottom 84=1256.1* Type 85=S1*
Diam. 87=6.1* Size 88=
R=82* T=A* 726#2* 59#1* Top 83# Bottom 84= Type 85=
87= 88=

AQUIFERS

R=90* T=A* 721#1* Top 91= Bot 92= Unit Id 93=124WLCX.M*
R=90* T=A* 721#2* Top 91= Bot 92= Unit Id 93=

HYDRAULICS

R=98* T=A* 99#1* Unit tested 100= 103=
R=105* T=A* 99#1* Test No. 106# 107= Transmissivity (gal/d)/ft
108= Hydraul. cond. (gal/d)/ft² 110= Storage coeff. Boundaries

ANAL. R=114* T=A* 706= | | | | * Year 115# | | | | | | * 117= | | | | | * 120= | | | | *

R=121* T=A* Yr Begin 122# | | | | | * Network 258# | | | | *

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= 1986104101* 150= | | 335. | | *
Q/S 272= | | 7.96 | | *

OWNER R=158* T=A* 718#1* Date 159# 1985104101* Owner No. _____
Owner 161# S I M L E A K E I M A I | | | | | | | | | | *

OTHER ID: R=189* T=A* 736#1* E-Log No. 190# 0413* 191= M I S S I L I S T I *

FIELD OW R=192* T=A* 738#1* Date 193# 1986101121* Temp 196#00010* 197= 26.10*

R=192* T=A* 738#2* Date 193# | | | | | ' | | | | | * Cond 196#00095* 197= | | | | | | | | *

R=192* T=A* 738#3* Date 193# 1986101121* pH 196#00400* 197= 8.18*

LOGS R=198* T=A* 739#1* Log 199# E* Top 200= | | 65. | | * Bot 201= 1612. | | *

R=198* T=A* 739#2* 199# D* 200= | | | | 0. | | * 201= 1610.0 | | *

Remarks: R=183# 311= | | | | | | | | | | *

184:

clay + sand streaks	0	55.93
clay	55.93	83.60
sandy shale	83.60	115.58
shale	115.58	177.81
sandy shale	177.81	208.32
shale + sand streaks	208.32	239.62
sand	239.62	270.89
sand + shale	270.89	301.50
sand	301.50	332.73
sandy shale	332.73	364.05
sand	364.05	426.56
sand + shale	426.56	488.35
shale	488.35	580.89
sand + shale	580.89	672.01
small rock		642
shale	672.01	703.48

small rock		688
clay + sandy shale	703.48	765.34
big rock		725
small rock		742
sandy shale	765.34	827.84
clay + sandy shale	827.84	869.33
sandy clay	869.33	920.41
clay with sand streaks	920.41	951.82
sand - clay	951.82	1138.47
clay	1138.47	1169.91
sandy shale	1169.91	1201.10
sand	1201.10	1263.37
sandy clay	1263.37	1388.06
sandy clay with sand streaks	1388.06	1419.29
shale with sand streaks	1419.29	1481.02
shale with sand streaks	1481.02	1600