

Coded by: BRP 7104
Checked by: 090304
Entered by: 2/28/04
Date: 8/04

U. S. Geological Survey
Water Resources Division
Mississippi District
Well Record

NEL
Well No. 234
E-Log No. 1121
County SMITH 272A
Agency SMITH

Agency Code 5700 2010 112 Site ID 1=315908089245001 Project No. (12 chara.) 5=

Station Name 12=L0034XSMITH Station Type 802= Y

Dist. Code 28 State Code 28 County Code 129 Latitude 9=315908 Longitude 10=0892450 Lat/Long Acc. 11=S Lat/Long Meth. 35=M

11- L/L Acc-1=+/- .1 sec, 5=+/- .5 sec, S=+/- 1sec (GPS), F=+/- 5sec, T=+/- 10 sec, M=+/- 1 min
35- L/L Meth-D=DGPS, G=GPS, L=Loran, M=MAP, S=Survey, U=Unknown
if determined from topo
1/2 contour interval

Lat/Long Datum (NAD27 or NAD83) 36=NAD27 Altitude 16=420* Accuracy 18=5 Method Meas. 17=M Altitude Datum (NGVD29 or NAVD88) 22=NGVD29

Land Net Loc. Meridians-I=Chickasaw, O=Choctaw, H=Huntsville, S=St. Stephens, W=Washington
13=NE5WNE5X30T02NXXR09EXX0 Hydrologic Unit 20=03170004

Gr. Time Loc. Time Location-Map Agency Use Date-Inventoryed
813=CST 814=Y 14= 803=0 711=

Station Remarks Field (50 chara.)---33 spaces shown ON RIGHT FACING MICROWAVE TOWER
806=4MI SW OF SYLVARENA

Web-R Reliability Date of Construction Well Use Water Use
2=W 32= 3=CLM 21=11012001 23=W 24=N

Primary Aquifer Hole Depth Well Depth
714=124SPRT 27=1208* 28=1095*

Construction Data Construction Date Contractor Method Finish
R=58 T=A 723 #1 60=11012001 63=0064 Name LAYNE 65=H 66=G

Construction Casing Data Top of Casing Bottom of Casing Diameter Material
R=76 T=A 725 #1 59 #1 77= 0.* 78=950.* 79=12.* 80=S*

Top of Casing Bottom of Casing Diameter Material
R=76 T=A 725 #1 59 #1 77= 880.* 78=965.* 79=8.* 80=S*

Construct. Openings Data Top / Depth Bottom / Depth Diameter Material Type Width
R=82 T=A 726 #1 59 #1 83= 965.* 84=1095.* 87=8.* 86=S* 85=R* 88=.016*

Top / Depth Bottom / Depth Diameter Material Type Width
R=82 T=A 726 #2 59 #1 83= * 84= * 87= * 86= * 85= * 88= *

F-fractured rock, M-mesh screen, P-perforated, R-Wire-wound, S-screen, T-sand point, X-open hole (For other types see manual)
G-galv. iron, P-pvc/plastic, R-stainless steel, S-steel

Construction Lift Data Lift Type A=air lift, B-bucket, C=centrifugal, J=jet, DATE Intake
R=42 T=A 254 #1 43=S 38=11012001 44=315

Power/Type Horse Power Serial No.
15=L D=diesel, E=elect., G=gasoline, L=LP gas, N=nat. gas, W=windmill 46= 75.* 49=

Misc Owner Data Date of Ownership
R=158 T=A 718 #1 159=11012001

Owner Name--(Max of 64 characters----34 shown)
161=SMS ELECTRIC POWER

Phone Number Street Address (max. of 64 characters)
351= 353=PO Box 15849

State City
356=MS 355=HATTIESBURG

Zip Code
357=39402 358=USA

Misc Other ID Data

189 T=A 736 #1

E-Log No.

190= [] [] [] [] *

Assigner

191= M I S S D I S T

Misc Logs Data

198 T=A 739 #1

Log Type

199= DR

Beg. Depth

200= [] [] [] [] 0.

End Depth

201= [] [] [] [] 1 2 0 8.

Format

225= F 226= USGS Files

Log Type

199= [] []

Beg. Depth

200= [] [] [] []

End Depth

201= [] [] [] []

Source

225= F 226= USGS files

Misc. Network Data

706= QW, WL, WD *

Beg. of Year

End of Year

114 T=A 730 #1 115= [] [] [] [] 116= [] [] [] [] 120=A

Agency Source

Freq.

117= [] [] [] [] 118= [] [] [] []

Beg. of Year

End of Year

121 T=A 730 #2 115= [] [] [] [] 116= [] [] [] [] 120=A

Agency Source

Freq.

117= [] [] [] [] 118= [] [] [] []

Misc Remarks Data

183 T=A 311 #1

Date of Remarks

184= 1 1 0 1 2 0 0 1

MS Remarks--(Max. of 44 characters) 16 SHOWN

185= 6 w - 1 5 7 7 5

Discharge Data

146 T=A

Pump/Flow 147 #1

Date

148= 1 1 0 1 2 0 0 1

Type

703= (P) F *

Discharge

150= [] [] 5 5 0 . *

leth. Disc.

152= R

Duration

157= [] [] [] 8 *

Specific Capacity

272= [] [] [] [] *

Drawdown

309= [] [] 2 4 *

Hydrologic Data

90 T=A 721 #1

Depth-Top of Interval

91= [] [] 9 0 5 *

Depth-Bottom of interval

92= [] [] 1 1 0 2 . *

Aquifer Code

93= [] [] 1 2 4 5 P R T *

Hydraulic Data

98 T=A 790 #1

Unit Tested 100= [] [] [] [] [] [] [] [] [] []

Hydraulic Unit ID

Unit Type

103= [] [] [] [] [] [] [] [] [] []

304= P

Historical Water Level Data

234 T=A 235#

1 1 0 1 2 0 0 1

Date

243= L 237= [] [] [] [] 1 9 7 .

Water Level

Method of Meas.

239= R

Source

244= D

Source Agency

247= MS008

A-gov., D-driller, G-geologist, L-logs, M-memory, O-owner, R-other reported, S-reporting agency, Z-other

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
CLAY	0	45
SAND	45	70
SAND W/CLAY STREAKS	70	118
CLAY	118	172
SAND	172	198
SANDY CLAY	198	215
CLAY	215	636
CLAY W/SAND STREAKS	636	622
SAND	622	726
HARD CLAY	726	812
CLAY W/SAND STREAKS	812	905
SAND	905	1102
CLAY	1102	1115
SAND W/CLAY STREAKS	1115	1188
CLAY	1188	1208