

Recorded by WTO
Date 2/18/97
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. J68
E-Log No. 302
County COPIAH

WELL RECORD

New Zion W.A.

GEN SITE DATA

Site Id 315708090250201 R=0* T=A* 2=W* Data reliab. 3=C* C U

Dist. 6=28* State 7=28* Co. 8=029* Lat. Long. 9=315708* 10=0902502*

Well NO. 12=J068* Location SE 13=NESE S 05 T 01 N R 02 W* Alt. 16=423*
Hyd. Unit (OWDC) 20=09060203* Date 21=1996106119* (YYYYMMDD) 17=M*

Agency Use 803=0* Well Use 23=W* Water Use 24=P* Hole depth 27=1365* Well depth 28=356*

WL 30=1160* Date 31=1986109111* Source 33=D* Flow 37=1*

Project No. 5= Copiah - New Zion W.A.

LIFT

R=42* T=A* 254#1* Date 38=1986109111* Lift Type 43#T* Intake 44= *

Power Type 45=E* H.P. 46=150*

CONSTR.

R=58* T=A* 723#1* Date 60=1986109111* Drlg 63=064* Name LAYNE

Method 65= * Finish 66=S* Remarks

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# Bot. csng 78=301* Diam. 79# 16*

R=76* T=A* 725#2* 59#1* Top csng 77# Bot. csng 78=1306* Diam. 79# 10*

~~R=76* T=A* 725#3 59#1 77# 331* 78=346* 79# 10*~~

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 1306* Bottom 84=1321* Type 85=2*

Diam. 87=10* Size 88= *

R=82* T=A* 726#2* 59#1* Top 83# 1346* Bottom 84=1356* Type 85= *

87=10* 88= *

AQUIFERS

R=90* T=A* 721#1* Top 91=300* Bot 92=350* Unit Id 93=22MPCN*

R=90* T=A* 721#2* Top 91= * Bot 92= * Unit Id 93= *

HYDRAULICS

R=98* T=A* 99#1* Unit tested 100= * 103= * 7/24/96 CH

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 115# | | | | * Network 257# | | | | *

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= | 1 | 1 | 9 | 8 | 6 | 1 | 0 | 9 | 1 | 1 | 1 | 1 | * .Q 150= | | | | | 250 | | | | | *
Q/S 272= | | | | | *

OWNER R=158* T=A* 718#1* Date 159# | 1 | 1 | 9 | 8 | 6 | 1 | 0 | 9 | 1 | 1 | 1 | 1 | * Owner No. Wesley Pine Property
Owner 161# | C | O | P | I | A | H | I | N | E | M | Z | I | O | N | W | A | I | *

ID R=189* T=A* 736#1* E-Log No. 190# 302.* 191= M | I | S | S | D | I | S | T | *

FIELD QW R=192* T=A* 738#1* Date 193# | | | | / | | | / | | | * Temp 196#00010* 197= | | | | | *
R=192* T=A* 738#2* Date 193# | | | | / | | | / | | | * Cond 196#00095* 197= | | | | | *
R=192* T=A* 738#3* Date 193# | | | | / | | | / | | | * pH 196#00400* 197= | | | | | *

LOGS R=198* T=A* 739#1* Log 199# 101* Top 200= | | | | 10 | . | * Bot 201= | 3 | 6 | 5 | . | *
R=198* T=A* 739#2* 199# | | | | * 200= | | | | | * 201= | | | | | *

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

184:

Top Soil	0'	2'
Red Clay	2'	5'
Red Sand Clay & Hard	5'	68'
Sand & Pea Gravel	68'	87'
Pea gravelly sand		
w/ Fine Clay Strips	87'	110'
Fine Sand & Gravel		
Clay Strips	110'	130'
Hard Blue Clay		
Sand Strips	130'	167'
Rock	167'	175'
Hard Blue Clay		
w/ Fine Sand Strips	175'	235'
Blue Clay	235'	265'
Sand w/ Fine Clay Strips	265'	302'
Fine Sand	302'	355'
Blue Clay	355'	365'