

1/91 WTO

Recorded by J. Crout
Date 9/22/81

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD Carroll Hill
TRANSMISSION UNIT

Well No. A102
E-Log No. _____
County Lauderdale

Site ID 3.2.3.3.1.5.0.8.8.5.1.4.5.0.1 R=0* T=A* 2=W*

Data reliab. 3=U*^C Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0.7.5.*

GEN. SITE DATA

Lat. _____ Long. 9=3.2.3.3.1.5* 10=0.8.8.5.1.4.5* Well No. 12=A1.0.2*

Location 13=S 1.0 T 0.8 N R 1.4 E* Alt. 16=45.2*

Hyd. Unit (OWDC) 20= _____* Date 21=0.6.1.26.1*

Well use 23=W* Water use 24=H* Hole depth 27=230.* Well depth 28=230.*

WL 30=7.5* Date 31=0.6.1.26.1.19.8.1* Source 33=D*

Status 273= _____* Project No. 5= _____*

OWNER

R=158* T=A* Date 159#0.6.1.26.1.19.8.1* Owner No. _____

Owner 161#J. O. H. N. L. P. F. T. O. N.*

FIELD QW

R=192* T=A* Date 193# _____* Temp. 196#00010* 197= _____*

R=192* T=A* Date 193# _____* Cond. 196#00095* 197= _____*

R=192* T=A* Date 193# _____* pH 196#00400* 197= _____*

CONSTR.

R=58* T=A* 59#1* Date 60=0.6.1.26.1.19.8.1* Remarks _____

Drlg. 63=0.0R* Name McDonald Hill Method 65=H* Finish 66=P*

CASTING

R=76* T=A* 59#1* HVC

Top csng. 77#0.* Bot. csng. 78=2.25.* Diam. 79#4.*

R=76* T=A* 59#1*

OPENINGS

R=82* T=A* 59#1* Top 83#2.25.* Bottom 84=230.*

Type 85=P* Diam. 87=4.* Size 88= _____*

R=82* T=A* 59#1* Top 83# _____* Bottom 84= _____*

Type 85= _____* Diam. 87= _____* Size 88= _____*

YIELD

R=146* T=A* 147#1* Q 150=8.* Q/S 272= _____*

134 flows 146 pumped

LIFT

R=42* T= A * Lift type 43# S* Intake 44= * Power type 45= E*
 Date 38= 0.6/26/1981* H.P. 46= 1.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 230.*
 R=198* T= A * Log 199# * Top 200= * Bot 201= *
 R=189* T= A * E Log No. 190# * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117# * 120# *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 160.* Bot 92= 230.*
 Unit ID 93= 124612 C.K.M. * Name of Unit middle well
 R=90* T= A * 256# 1 * Top 91= * Bot 92= *
 Unit ID 93= * Name of Unit

HYDRAULICS

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

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

Water Level Data Collection (1)

2 miles W. of Martin

description of formations encountered	from	to
shale & granite	14	40
shale & granite	45	125
fine sand & sandy shale	135	160
concrete & steel	160	230