

1/81 WTO

Recorded by WTO

Date 1/8/82

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

Well No. 542

E-Log No. 123

County Pearl River

552 ~~CATMA~~
POPLARVILLE

TRANSMITTED FOR ADP. 1/83

Site ID 305311089320504 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=109*

Lat. Long. 9=305311* 10=0893205* Well No. 12=5042*

Location 13=SW SE S 07 T 02 S R 15 W* Alt. 16=305.*

Hyd. Unit (OWDC) 20= Date 21=10/29/1982*

Well use 23=W* Water use 24=H* Hole depth 27=1558.* Well depth 28=1524.*

WL 30=195.* Date 31=11/04/1982* Source 33=D*

Status 273= Project No. 5=

R=158* T=A* Date 159# 11/04/1982* Owner No. _____

Owner 161# T.O.M. WATSON*

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# 11/22/1982* pH 196#00400* 197=6.6*

R=58* T=A* 59# 1* Date 60=11/04/1982* Remarks _____

Drlg. 63=072* Name Braden Method 65=H* Finish 66=S*

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

Top csgn. 77# 0.* Bot. csgn. 78=390.* Diam. 79# 6.*

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

Top csgn. 77# 380.* Bot. csgn. 78=1494.* Diam. 79# 4.*

R=82* T=A* 59# 1* Top 83# 1494.* Bottom 84=1524.*

Type 85=S* Diam. 87=4.* Size 88=.008*

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

Type 85= Diam. 87= Size 88=

R= 146* T=A* 147# 1* Q 150=100.* Q/S 272=

134 flows 146 pumped

GEN. SITE DATA

OWNER

FIELD QW

CONSTR.

CASING

OPENINGS

YIELD

LIFT: R=42* T= A * Lift type 43# S* Intake 44= * Power type 45= E*
 Date 38= 11/04/1982* H.P. 46= 10.*

LOGS: R=198* T= A * Log 199# E* Top 200= 50.* Bot 201= 1558.*
 R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1540.*
 R=189* T= A * E Log No. 190# 123* 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= 1410.* Bot 92= *
 Unit ID 93= 122MOCN * Name of Unit _____
 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= * 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 _____

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

Water - Level Data Collection (1)

MSBOK
 ALK 28 pH=6.3
 CL 5 CO₂ = 31
 F < .1
 Na 10
 K
 hard 20

0-200 Clay
 200-260 sd Brown
 260-440 clay like
 440-540 brown sd
 540-560 Clay
 560-615 brown sd
 615-780 blue clay
 780-800 Sand breaks
 800-1050 blue + brown clay
 1050-1115 sand
 1115-1400 blue clay
 1400-1540 gray sand
 1540 - Clay