

1/81 WTO

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Recorded by WTO

U.S. GEOLOGICAL SURVEY

4/84

Well No. 545

Date 12/13/83

WATER RESOURCES DIVISION

E-Log No. 551

MISSISSIPPI DISTRICT

County Rankin

WELL RECORD

Site ID 322425090005401 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=121*

Lat. 32.2425 Long. 9=32.2425 10=0900054 Well No. 12=5045

Location 13=SE NW S 20 T 06 N R 03 E* Alt. 16=395

Hyd. Unit (OWDC) 20= Date 21=12/13/1983

Well use 23=W* Water Use 24=T* Hole depth 27= Well depth 28=740

WL 30=2.00 Date 31=12/13/1983 Source 33=S*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#12/13/1983 Owner No.

Owner 161#CASTLEWOOD SUB

FIELD OW

R=192* T=A* Date 193#12/13/1983 Temp. 196#00010* 197=26.0

R=192* T=A* Date 193#12/13/1983 Cond. 196#00095* 197=400

R=192* T=A* Date 193#12/13/1983 pH 196#00400* 197=7.3

CONSTR.

R=58* T=A* 59#1* Date 60=12/13/1983 Remarks

Drlg. 63=330 Name Method 65=H* Finish 66=5*

CASING

R=76* T=A* 59#1* Top csgn. 77#0 Bot. csgn. 78=540 Diam. 79#6

R=76* T=A* 59#1* Top csgn. 77#540 Bot. csgn. 78=680 Diam. 79#2.5

OPENINGS

R=82* T=A* 59#1* Top 83#680 Bottom 84=690

Type 85=S* Diam. 87=2.5 Size 88=

R=82* T=A* 59#1* Top 83#730 Bottom 84=740

Type 85=S* Diam. 87=2.5 Size 88=

YIELD

R=146 T=A* 147#1* Q 150=80 Q/S 272=

134 flows 146 pumped

LIFT
R=42* T= A * Lift type 43# 5* Intake 44= * Power type 45= E*
Date 38= 12/13/1983* H.P. 46= 5*

LOGS
R=198* T= A * Log 199# E* Top 200= 421.* Bot 201= 822.*
R=198* T= A * Log 199# * Top 200= * Bot 201= *
R=189* T= A * E Log No. 190# 551* 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= * Bot 92= *
Unit ID 93= 124 CCKF * 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)

Test well split screen
6x2 1/2

Lab.
Fe - 12.52
Mn - 2.02