1/81 WTO

Recorded by WTO

Date 12/7/82

T/ADP

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

131 Ducknile

Well No. E5

E-Log No. 43

County MONTGOMERY

Site ID 333309089311001 (5–19) | R=0* | T=A* | 2=W*

Data reliab. 3=C* (C U) | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8=097*

GEN. SITE DATA

Lat. Long./SW | 9=333309* | 10=0893110* | Well No. 12=E005*

Location 13=NE SW S36 T20N R07E* | Alt. 16=440.*

Hyd. Unit(OWDC) 20=* | Date 21=11/04/1982*

Well use 23=W* | Water Use 24=P* | Hole depth 27=1000.* | Well depth 28=446.*

WL 30=109.* | Date 31=02/01/1983* | Source 33=D*

Status 273=* | Project No. 5=*

OWNER

R=158* | T=A* | Date 159#11/04/1982* | Owner No. #3 @ Lodi

Owner 161#HAYS CK WA*

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#02/25/1983* | pH 196#00400* | 197=7.4*

CONSTR.

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

Drlg. 63=002* | Name Ratliff | Method 65=H* | Finish 66=G*

CASING

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

Top csgn. 77#0.* | Bot. csgn. 78=406.* | Diam. 79#12.*

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

Top csng 77#*. | Bot. csgn. 78=*. | Diam. 79#*.

OPENINGS

R=82* | T=A* | 59#1* | Top 83#406.* | Bottom 84=446.*

Type 85=S* | Diam. 87=6.* | 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=210.* | Q/S 272=*.

134 flows 146 pumped

@ 70*

LIFT

R=42* | T= A * | Lift type 43# T * | Intake 44= * | Power type 45= E *

Date 38= 02/01/1983 * | H.P. 46= 40. *

LOGS

R=198* | T= A * | Log 199# E * | Top 200= 50. * | Bot 201= 1000. *

R=198* | T= A * | Log 199# D * | Top 200= 0. * | Bot 201= 849. *

R=189* | T= A * | E Log No. 190# 043 * | 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= 400. * | Bot 92= 460. *

Unit ID 93= 124WLCXM * | 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)/ft$^2$

110= . * | Storage coeff. | Boundaries

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

Water Level Data Collection (1)

260'dd @ 210 gpm

| description of formation encountered | from | to |
|---|---|---|
| Top soil | 0 | 27 |
| Clay | 27 | 55 |
| Sand | 55 | 116 |
| Sand & Clay | 116 | 207 |
| Sand | 207 | 299 |
| Sand & clay | 299 | 330 |
| Clay | 330 | 360 |
| Sand | 360 | 452 |
| Clay | 452 | 635 |
| Sand | 635 | 696 |
| Clay | 696 | 727 |
| Sand | 727 | 757 |
| Clay | 757 | 849 |
| | | |
| | | |