

6/78 WTO

Recorded by WTO

Date 7/5/78

OK

TRANSMITTED FOR ADP

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

Well No. Q18

E-Log No. _____

County Newton
254A

Site ID 321331088592201 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=101*

Lat. _____ Long. 9=321331* 10=0885922* Well No. 12=0018*

Location 13=SWSE S 32 T 0.5 N R 13 E* Alt. 16=365.*

Hyd. Unit (OWDC) 20= Date 21=04/20/1978*

Well use 23=W* Water Use 24=S* Hole depth 27=432.* Well depth 28=432.*

WL 30=70.* Date 31=04/20/1978* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#04/20/1978* Owner No. _____
Owner 161=MS SWINE PROD, INC*

FIELD OW

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=04/20/1978* Remarks _____
Drig. 63=160* Name Williamson Method 65=H* Finish 66=S*

CASING

R=76* T=A* 59#1*
Top csgn. 77# 0.* Bot. csgn. 78=402.* Diam. 79# 4.*
R=76* T=A* 59#1*
Top csgn. 77# Bot. csgn. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83# 402.* Bottom 84=432.*
Type 85=S* 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=75.* Q/S 272=
134 flows 146 pumped.

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

LIFT

Date 38= 04/20/1978* H.P. 46= 5.*

LOGS

R=198* T= A * Log 199# D* Top 200= 9.* Bot 201= 432.*

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# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 365.* Bot 92= 432.*

Unit ID 93= 124muwx * 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)

7 miles S of Hickory

description of formations encountered	from	to
top soil	0	1
Red Clay	1	6
Blue Clay	6	70
sand	70	140
Blue Clay	140	225
rock & clay	225	365
sand	365	432