

6/78 WTO

Recorded by

WTO

Date

2/17/79

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

TRANSMITTED FOR ADP

Well No. N127
E-Log No. 69
County Lauderdale

Site ID 3 2 2 0 2 2 0 8 8 3 6 3 2 0 1 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C*U Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0.75*
Lat. Long. 9=3.220.22* 10=0.883632* Well No. 12=N127*
Location 13=NE NE S 25 T 0 6 N R 1 6 E* Alt. 16=480.*
Hyd. Unit (OWDC) 20= Date 21=01/15/1979*
Well use 23=U* Water use 24=T* Hole depth 27=860.* Well depth 28=755.*
WL 30=190.* Date 31=12/06/1979* Source 33=S*
Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159#01/15/1979* Owner No. TH #1 For Well #3
Owner 161=L O N G C K W A

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=01/15/1979* Remarks
Drig. 63=0.08* Name Mc Donald-Hill Method 65=H* Finish 66=S*

CASING

R=76* T=A* 59#1*
Top csgn 77# 0.* Bot. csgn. 78= * 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# 7.35.* Bottom 84= 7.55.*
Type 85=S* Diam. 87= 2.5* 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= 3.0.* Q/S 272= *
134 flows 146 pumped

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

LIFT

Date 38= 01/15/1979* H.P. 46= 5.*

LOGS

R=198* T= A * Log 199# E* Top 200= 10.* Bot 201= 8.59.*

R=198* T= A * Log 199# * Top 200= * Bot 201= *

R=189* T= A * E Log No. 190# 0.6.9* 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= 730.* Bot 92= 810.*

Unit ID 93= 124WLCXL* 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 Coarse sd 720'-810'
 4x2 1/2 L.Wilcox
 Screened 735'-755'
 Water level 202'
 30qpm
 Shp sub

Description of formations encountered	from	to
Clay	0	12
p. shale	12	38
fine sand	38	60
shale	60	70
coarse sandy shale	70	160
fine sand	160	195
fine sand	195	205
shale 7' lignite	205	255
fine sandy shale	255	320
lignite		
soft to sandy shale	320	340
shale 7' lignite	340	430
fine sand	430	445
fine sand shale	445	540
shale	540	560
fine sand	560	580
shale	580	592
Rock	592	594
sandy shale	594	685
shale	685	720
coarse sand	720	810
shale 7' lignite	810	860
fine sand		