

6/78 WTO

Recorded by WTO

Date 3/7/79

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

Well No. L46
 E-Log No. 51
 County Pontotoc

JUL 1979

Site ID 340819089002601 R=0* T=A* 2=W*

Data reliab. 3=C Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=115*

Lat. Long. 9=340819* 10=0890026* Well No. 12=L046*

Location 13=NWSE S 08 T 11 S R 03 E* Alt. 16=455.*

Hyd. Unit (OWDC) 20= Date 21=03/02/1979*

Well use 23=W* Water Use 24=I* Hole depth 27=340.* Well depth 28=190.*

WL 30=47.* Date 31=05/31/1979* Source 33=D*

Status 273= Project No. 5=

R=158* T=A* Date 159#05/31/1979* Owner No. Pontotoc Ridge - Flatland
Ext. Sta.

Owner 161=MS STATE EXP STA*

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=

R=58* T=A* 59#1* Date 60=05/31/1979* Remarks

Drlg. 63=330* Name Herndon Well Method 65=H* Finish 66=S*
1 sup

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

Top csng. 77#0.* Bot. csng. 78=140.* Diam. 79#16.*

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

Top csng. 77#135.* Bot. csng. 78=150.* Diam. 79#3.*

R=82* T=A* 59#1* Top 83#150.* Bottom 84=190.*

Type 85=S* Diam. 87=3.* Size 88=

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

Type 85= Diam. 87= Size 88=

R=146* T=A* 147#1* Q 150=34.* Q/S 272= 5*

134 flow 46 pump

LIFT

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

Date 38= 05/31/1979* H.P. 46= 2. *

LOGS

R=198* T= A * Log 199# E * Top 200= 0. * Bot 201= 336. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 340. *

R=189* T= A * E Log No. 190# 051 * 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= 104. * Bot 92= 90. *

Unit ID 93= 211RPLY * 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)

.55 gpm/ft 128' pumping level @ 34 gpm after 6 hrs.
66' static level

description of formations encountered	from	to
Surface Clay	0	15
Tight Sandy Clay	15	28
Blue Clay	28	105
Sand	105	168
Sandy Clay	168	175
Sand	175	195
Sandy Clay	195	280
Blue Clay	280	340