

1/81 WFO

TRANSMITTED FOR ADP

Recorded by: 16

U.S. GEOLOGICAL SURVEY

Well No. 139

WATER RESOURCES DIVISION

Date: 6/28/85

MISSISSIPPI DISTRICT

E-Log No.

WELL RECORD

County: Jasper

Site ID 315743089172101 R-0* T-A* 2-W*

Data reliab 3-U Report agency 4-USGS Dist. 6-28 7-28 Co. 8-06

Long. / 9-315743 10-0891721 Well No. 12-1089

Location 13-SESE 3.2 0.2 N 1.0 E Alt. 16-495

Hyd. Unit (OWDC) 20- Date 21-06/13/1985

Well use 23-W Water Use 24-H Hole depth 27-103 Well depth 28-100

WL 30-23 Date 31-06/13/1985 Source 33-D

Status 273- Project No. 5-

R-158* T-A* Date 159-06/13/1985 Owner No.

Owner 161-W T RUFFIN

R-192* T-A* Date 193-06/25/1985 Temp. 196#00010* 197-18.5*

R-192* T-A* Date 193-06/25/1985 Cond. 196#00095* 197-30.5*

R-192* T-A* Date 193-06/25/1985 pH 196#00400* 197-7.4*

R-58* T-A* 59#1* Date 60-06/13/1985 Remarks

Drig. 63-4.1.0 Name A-1 Drilling Method 65-H Finish 66-3

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

Top csng. 77# 0 Bot. csng. 78-8.5 Diam. 79# 4

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

Top csng. 77# Bot. csng. 78- Diam. 79#

R-82* T-A* 59#1* Top 83# 8.5 Bottom 84-10.0

Type 85-S Diam. 87-4 Size 88-.006

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

Type 85- Diam. 87- Size 88-

YIELD R-146 T-A* 147# 1 Q 150-2.8 Q/S 272-

134 flows 146 pumped

LIFT.

R=42* T= A * Lift type 43# 5* Intake 44# * Power type 45# E*

Date 38# 06/13/1985* H.P. 46# 2.*

LOGS

R=198* T= A * Log 199# D* Top 200# 0.* Bot 201# 103.*

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# 1985* 117# USGS* 120# B*

AQUIFERS

R=90* T= A * 256# 1* Top 91# 7.4.* Bot 92# *

Unit ID 93# 123M.S.P.G.* 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)

Pond garden

description of formations encountered	from	to
Hard top soil	0	1
Sandy clay	1	12
Tight gray clay	12	24
Hardly streaky	24	26
Tight gray clay	26	35
Limestone, hard	35	36
Clay	36	38 1/2
Limestone, hard	38 1/2	39
Clay	39	39 1/2
Limestone, hard	39 1/2	41
Clay	41	43
Limestone, hard	43	47
Clay	47	49
Limestone, hard	49	50
Clay	50	51 1/2
Limestone, hard	51 1/2	51 1/2
Clay w/ rock ledges, and marl streaks	51 1/2	72 1/2
Clay	72 1/2	74
Sandy marl w/ clay streaks	74	103