

1/81 WTO

Recorded by WTO

Date 10/13/81

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

Well No. X158  
W172

E-Log No.

County Pearl River

*Nicholson*

Site ID 3250 3508  
3.02734.089443.01 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=U\*<sup>C</sup> Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=109\*  
Lat. 3250 Long. 9=3.02734\* 10=089443\* Well No. 12=W172\*  
Location 13=SWSE S0.3 T0.7S R17W\* Alt. 16=22. 113.  
Hyd. Unit (OWDC) 20=6\* Date 21=09/18/1981\*  
Well use 23=W\* Water use 24=H\* Hole depth 27=1165.\* Well depth 28=1165.\*  
WL 30=-14.\* Date 31=09/18/1981\* Source 33=D\*  
Status 273=  \* Project No. 5=  \*

OWNER

R=158\* T=A\* Date 159# 09/18/1981\* Owner No.     
Owner 161# ROBERT VAUGHN\*

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# 09/18/1981\* Remarks     
Drlg. 63# 159\* Name Penton Method 65# H\* Finish 66# S\*

CASING

R=76\* T=A\* 59# 1\*  
Top csgn. 77# 0.\* Bot. csgn. 78# 1145.\* Diam. 79# 2.\*  
R=76\* T=A\* 59# 1\*  
Top csgn. 77#   \* Bot. csgn. 78#   \* Diam. 79#   \*

OPENINGS

R=82\* T=A\* 59# 1\* Top 83# 1145.\* Bottom 84# 1165.\*  
Type 85# S\* Diam. 87# 2.\* Size 88#   \*  
R=82\* T=A\* 59# 1\* Top 83#   \* Bottom 84#   \*  
Type 85#   \* Diam. 87#   \* Size 88#   \*

YIELD

R=  \* T=A\* 147# 1\* Q 150#   \* Q/S 272#   \*

LIFT

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

Date 38= / / H.P. 46= \*

LOGS

R=198\* T= A \* Log 199# D \* Top 200= 0. \* Bot 201= 1165. \*

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# \* 117= \* 120= \*

AQUIFERS

R=90\* T= A \* 256# 1 \* Top 91= 1100. \* Bot 92= 1165. \*

Unit ID 93= 122MφCN \* 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<sup>2</sup>

110= \* Storage coeff. Boundaries

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

Water Level Data Collection (1)

3mi Picayune

| description of formations encountered | from | to   |
|---------------------------------------|------|------|
| white shell                           | 0    | 65   |
| white sand                            | 65   | 85   |
| blue shell                            | 85   | 120  |
| blue sand                             | 120  | 180  |
| blue shell                            | 180  | 275  |
| blue sand                             | 275  | 420  |
| blue sand                             | 420  | 1100 |
| dry sand                              | 1100 | 1165 |