

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

TRANSMITTED FOR ADP

1/77

WELL RECORD



Record by WTO Date 2/76 4-26-76 County Leake Well No. P38

E-log No. 31

GEN. SITE DATA

Site ID 

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | 2 | 3 | 5 | 5 | 6 | 0 | 8 | 9 | 2 | 7 | 3 | 1 | 0 | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

 R= 0 T= (A) M 2= (W) \*

Data reliab. 3= (C) U \* Report. agency 4= U S G S \* Dist. 6= 2 8 \* 7= 2 8 \*

County 8= 0 7 9 \* Lat/Long. 9= 3 2 3 5 5 6 \* 10= 0 8 9 2 7 3 1 \*

Well No. 12= P 0 3 8 \* Loc 13= S E N E S 2 7 T 0 9 N R 0 8 E \*

Alt. 16= 4 0 0 \* Hyd. Unit (OWDC) 20= \* \*

Date 21= 1 2 / 1 7 / 1 9 7 5 \* Well use 23= W \* Water use 24= P \*

Hole depth 27= 7 6 6 \* Well depth 28= 6 9 0 \* \*

WL 30= 9 7 \* Date 31= 1 2 / 0 5 / 1 9 7 9 \* Source 33= D \*

OWNER

R = 158 \* T= (A) M \* Date 159# 0 4 / 1 4 / 1 9 7 6 \* Owner No. #2 well

Owner 161= W A L N U T G R O V E \* \*

FIELD QW

R = 192 \* T= A M \* Date 193# / / 1 9 \* Additional cards same R thru 193 for each parameter.

Temp. 196# 0 0 0 1 0 \* °C 197= \* \*

Cond. 196# 0 0 0 9 5 \* uMhos 197= \* \*

pH 196# 0 0 4 0 0 \* Value 197= \* \*

CONSTR.

R = 58 \* T= (A) M \* 59# 1 \* Date 60= 0 4 / 1 4 / 1 9 7 6 \*

Drlr 63= 0 0 2 \* Name: Rati. FF \* Method 65= H \*

Finish 66= S \* Remarks \* \*

CASING

R = 76 \* T= (A) M \* 59# 1 \*

Top csng 77# - 0 . \* Bot. csng 78= \* Diam. 79# 1 0 . \* \*

R = 76 \* T= (A) M \* 59# 1 \*

Top csng 77# 3 0 0 . \* Bot. csng 78= 6 4 0 . \* Diam. 79# 4 . \* \*

OPENINGS

|                             |                         |
|-----------------------------|-------------------------|
| R = 82 * T= (A) M * 59# 1 * | R=82 * T= A M * 59# * * |
| Top 83# 6 4 0 . *           | 83# * *                 |
| Bot. 84# 6 9 0 . *          | 84# * *                 |
| Type 85= S * *              | 85= * *                 |
| Diam. 87= 4 . * *           | 87= * *                 |
| Size 88= . * *              | 88= * *                 |

YIELD

R = 134 (146) \* T= (A) M \* 147# 1 \* Q 150= 2 5 0 . \* Q/s 272= \* \*

LIFT

R= 42 \* T= (A) M \* Lift type 43# T \* Intake 44= [ ][ ][ ] \* Power type 45= E \*  
 Date 38= 04/14/1976 \* H.P. 46= 30. [ ][ ] \*

LOGS

R= 198 \* T= (A) M \* Log 199# D \* Top 200= [ ][ ][ ] 0 . \* Bot. 201= [ ][ ] 672 . \*  
 R= 198 \* T= (A) M \* Log 199# E \* Top 200= [ ][ ][ ] 10 . \* Bot. 201= [ ][ ] 766 . \*  
 R= 189 \* T= (A) \* 190# 031 \* 191= M I S S I S T \*

ANAL.

R= 114 \* T= A M \* Year 115# [ ][ ][ ] \* Type 120= [ ][ ] \*

AQUIFERS

R= 90 \* T= (A) M \* 256# 1 \* Top 91= [ ][ ] 540 . \* Bot. 92= [ ][ ] 690 . \*  
 Unit ID 93= 1 2 4 M U W X \* Name of unit \_\_\_\_\_  
 R= 90 \* T= A M \* 256# [ ][ ] \* Top 91= [ ][ ][ ][ ] . \* Bot. 92= [ ][ ][ ][ ][ ] . \*  
 Unit ID 93= [ ][ ][ ][ ][ ][ ][ ] \* Name of unit \_\_\_\_\_

HYDRAULICS

R= 98 \* T= A M \* 99# 1 \* Unit tested 100= [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] \*  
 R= 105 \* T= A M \* 99# 1 \* Test No. 106# [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] \*  
 Transmissivity 107= [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] \* T(gal/d)/ft \_\_\_\_\_  
 Hydraul. conduct. 108= [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] \* P(gal/d)/ft<sup>2</sup> \_\_\_\_\_  
 Storage coeff. 110= [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] \* Boundaries \_\_\_\_\_

Well will pump 300gpm @ 50psi.  
 Static Survey ran pumping test  
 6gpm/ft.  
 T=17,000