

G-W 12789

Rolling Fork West

1/81 WTO

Recorded by WTO

Date 2/20/81

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

Well No. A64

E-Log No. 105

County Issaquena

TRANSMITTED FOR ADP

Site ID 325938090575101 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=055*

Lat. Long./ 9=325938* 10=0905751* Well No. 12=A064*

Location 13=SESW s 06 T 13 N R 07 W* Alt. 16=105.*

Hyd. Unit (OWDC) 20= Date 21=03/15/1980*

Well use 23=W* Water Use 24=P* Hole depth 27=895.* Well depth 28=831.*

WL 30=28.* Date 31=03/15/1980* Source 33=D*

Status 273= Project No. 5=

GEN. SITE DATA

OWNER

R=158* T=A* Date 159#03/15/1980* Owner No. Well #1

Owner 161#ERACE

FIELD OW

R=192* T=A* Date 193#08/15/1980* Temp. 196#00010* 197=22.5*

R=192* T=A* Date 193# Cond. 196#00095* 197=

R=192* T=A* Date 193#08/15/1980* pH 196#00400* 197=8.7*

CONSTR.

R=58* T=A* 59#1* Date 60=03/15/1980* Remarks

Drig. 63=0.64* Name Layne Cleveland Method 65=H* Finish 66=B*

CASING

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

Top csng. 77#0.* Bot. csng. 78=7.80.* Diam. 79#10.*

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

Top csng 77#7.29.* Bot. csng. 78=7.80.* Diam. 79#6.*

This don't look right.

OPENINGS

R=82* T=A* 59#1* Top 83#7.80.* Bottom 84=8.31.*

Type 85=S* Diam. 87=6.* Size 88=

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

Type 85= Diam. 87= Size 88=

} 5'

YIELD

R= 146* T=A* 147#1* Q 150=300.* Q/S 272=16.5*

134 flows 146 pumped

LIFT

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

Date 38= 03/15/1980* H.P. 46= 20.*

LOGS

R=198* T= A * Log 199# D * Top 200= 0.* Bot 201= 835.*

R=198* T= A * Log 199# E * Top 200= 38.* Bot 201= 895.*

R=189* T= A * E Log No. 190# 105* 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117# * 120# *

R=90* T= A * 256# 1 * Top 91= 780.* Bot 92= 845.*

Unit ID 93= 124SPRT * Name of Unit

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

Unit ID 93= * Name of Unit

AQUIFERS

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

HYDRAULICS

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

Water Level Data Collection (1)

(Across for Post office)

| description of formations encountered | from | to |
|---------------------------------------|------|-----|
| Clay | 0 | 32 |
| Sand | 32 | 65 |
| C. Sand | 65 | 89 |
| C. Sand & P. Gr. | 89 | 113 |
| Clay | 113 | 160 |
| Sts. of Sand & Clay | 160 | 230 |
| Fine Sand | 230 | 390 |
| Stds. of Sand & Clay | 390 | 430 |
| Clay | 430 | 485 |
| Sandy Clay & Sand Std | 485 | 525 |
| Fine Sand | 525 | 579 |
| Stds. of Sand & Clay | 579 | 693 |
| Clay | 693 | 725 |
| Stds of Sand & Clay | 725 | 739 |
| Stds. of Fine sand | 739 | 745 |
| Rock | 745 | 746 |
| Stds of Fine sand | 746 | 752 |
| Clay | 752 | 755 |
| Sand (cut good) | 755 | 799 |
| Sand (cut bad) | 799 | 835 |

ISSAQUENA
A 64
CL-1404
3-15-80

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

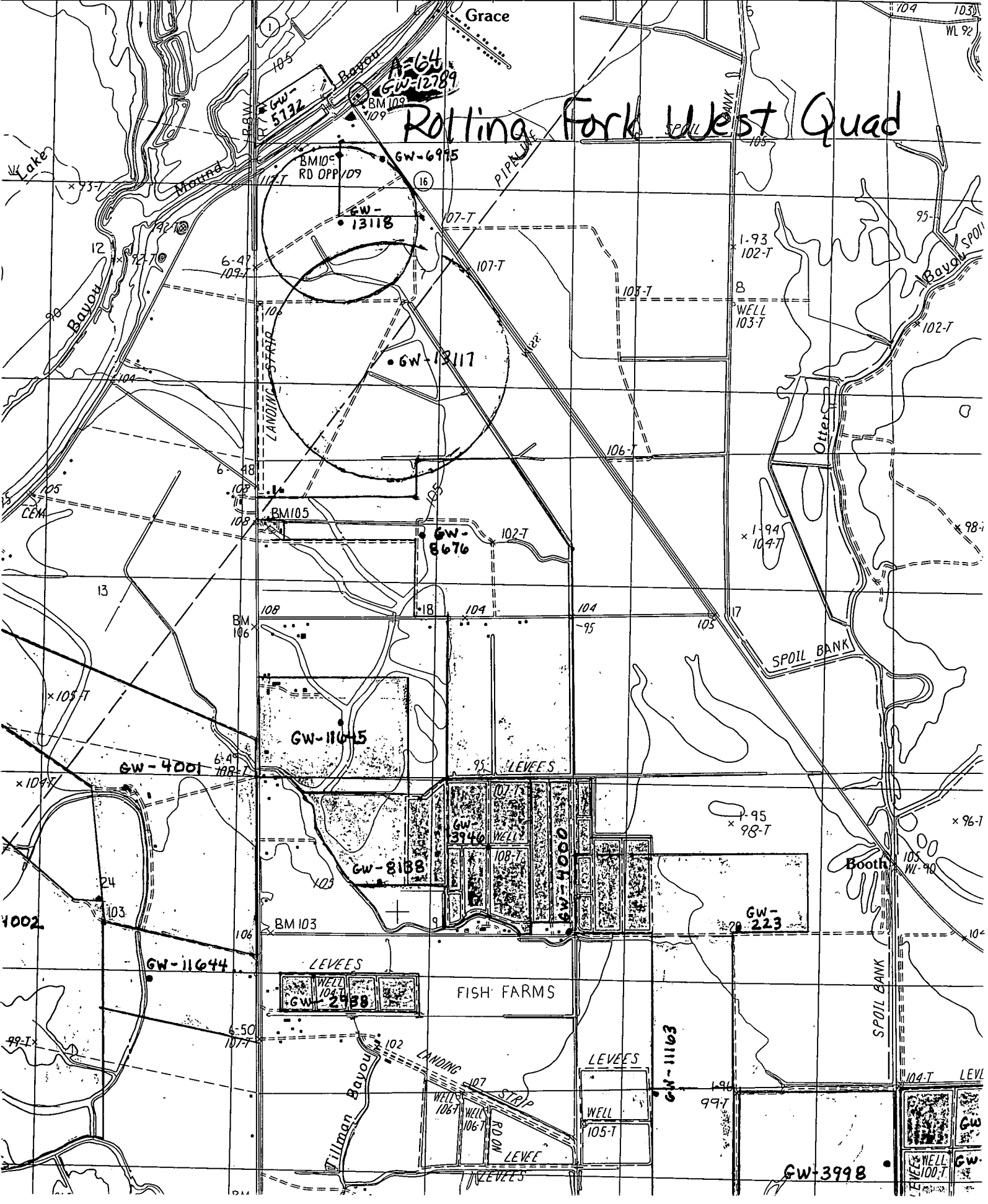
3/15 19 80 Layne-Central Co. Issaquena
date well completed firm name county well located

| LANDOWNER: | description of formations encountered | from | to |
|--|---------------------------------------|------|-----|
| City of Grace | | | |
| Grace, MS (mailing address) | Clay | 0 | 32 |
| | Sand | 32 | 65 |
| | C. Sand | 65 | 89 |
| WELL LOCATION: | C. Sand & P. Gr. | 89 | 113 |
| sec. 6 T13 (N) R 7 E S (W) | Clay | 113 | 160 |
| _____ miles of GRACE (distance) (direction) (nearest town) | Sts. of Sand & Clay | 160 | 230 |
| WELL PURPOSE: municipal (home, irrigation, municipal, industrial) | Fine Sand | 230 | 390 |
| WELL COMPLETION DATA: | Stds. of Sand & Clay | 390 | 430 |
| (1) diameter (inches) 16" | Clay | 430 | 485 |
| (2) total depth (feet) 837' | Sandy Clay & Sand Std | 485 | 525 |
| (3) static water level (feet) 28' below top of ground. | Fine Sand | 525 | 579 |
| (4) casing Steel 780' (material) (depth) | Stds. of Sand & Clay | 579 | 693 |
| 10" If telescope see back (size) | Clay | 693 | 725 |
| (5) screen 51' 729' (length) (depth to top) | Stds of Sand & Clay | 725 | 739 |
| 6" st.st. (size) (material) | Stds. of Fine sand | 739 | 745 |
| (6) pump 20 300 (HP) (yield gpm) | Rock | 745 | 746 |
| electric (type power) | Stds of Fine sand | 746 | 752 |
| (7) electric log yes (yes or no) | Clay | 752 | 755 |
| uses Layne Central (organization running log) | Sand (cut good) | 755 | 799 |
| (8) how well bottom plugged 6" BP Valve | Sand (cut bad) | 799 | 835 |
| DRILLERS REMARKS: | | | |

2-10-81

ROLLING FORK WEST QUAD

689 690 57' 30" 691 692 693



Rolling Fork West Quad

