

1/81 W70

7/3/96

Recorded by J. Crowl

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

Well No. Q64

Date 4/27/81

FADE No. 518

County Rankin

GW04363 0610086-01

Whitfield Quad

Site ID 3.2.0.9.2.7.0.9.0.0.1.1.1.1.0.1 R=0\* T=A\* 2=W\*

GEN. SITE DATA

Data reliab. 3=C\* Report. agency 4=USGS\* Dist. 6=28\* 7=28\* Co. 8=121\*

Lat. Long. 9=32.0.9.2.7\* 10=0.9.0.0.1.1.1\* Well No. 12=0.0.6.4\*

Location 13=N.W. 5/4 S 29. T 0.4 N R 0.3 E\* Alt. 16=375\* 370

Hyd. Unit (OWDC) 20= Date 21=03.1.20.1.19.8.1\*

Well use 23=W\* Water Use 24=P\* Hole depth 27=1136\* Well depth 28=1014\*

WL 30=212\* Date 31=04.10.8.1.19.8.1\* Source 33=D\*

Status 273= Project No. 5=

CCKF

OWNER

R=158\* T=A\* Date 159# 04.10.8.1.19.8.1\* Owner No.

Owner 161# T.H. THOMASVILLE, W.A.\*

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# 07.1.15.1.19.8.1\* pH 196#00400\* 197=8.6\*

CONSTR.

R=58\* T=A\* 59#1\* Date 60=04.10.8.1.19.8.1\* Remarks

Drig. 63=0.64\* Name Layne Control Method 65=H\* Finish 66=G\*

CASING

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

Top csng. 77# 0\* Bot. csng. 78=975\* Diam. 79# 1.0\*

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

Top csng. 77# 907\* Bot. csng. 78=975\* Diam. 79# 6\*

OPENINGS

R=82\* T=A\* 59#1\* Top 83# 975\* Bottom 84=1014\*

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

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=200\* Q/S 272=6.7\*

134 flows 146 pumped

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

DATE 38= 04/08/1981 \* H.P. 46= 40. \*

LOGS  
 R=198\* T= A \* Log 199# E \* Top 200= 110. \* Bot 201= 1133. \*  
 R=198\* T= A \* Log 199# D \* Top 200= 0. \* Bot 201= 1136. \*  
 R=189\* T= A \* E Log No. 190# 518 \* 191= M I S S D I S T \*

ANAL. R=114\* T= A \* Year 115# \* 117= \* 120= C \*

AQUIFERS  
 R=90\* T= A \* 256# 1 \* Top 91= 980. \* Bot 92= 1018. \*

Unit ID 93= 124 SPRT \* 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)

AIK=110 C<sub>w</sub>=3.2  
 Cl = 39 N=105 K=.8  
 SO<sub>4</sub>=43.6 TDS=295  
 F=.4 hard=14  
 Co<sub>2</sub>=0  
 Fe=.15  
 Mg=1.5

description of formations encountered	from	to
Red sandy clay	0	4'
clay	4'	16'
Hard Limestone Rock	16'	33'
Hard shale + Rock Strk	33'	148'
Clay	148'	222'
Rock	222'	225'
shale	225'	235'
Hard Limestone	235'	254'
Hard shale	254'	295'
Clay	295'	770'
sandy clay	770'	800'
Clay + sand Strk.	800'	835'
sandy clay + lignite	835'	980'
sand	980'	1018'
Clay + sand Strk.	1018'	1121'
Hard shale	1121'	1136'

**RANKIN**  
**Q64**  
**4-8-81**  
**Flg # 518**  
**4-8**

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

**WATER WELL DRILLERS LOG**

date well completed 19**81** *Layne - Central Company* firm name *Rankin* county well located

LANDOWNER:  
*Thomasville Water Assoc.*  
*Thomasville Mississippi*  
 (mailing address)

WELL LOCATION:  
 sec. 29 T. 4 N. R. 3 E  
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: *Municipal*  
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10"
  - (2) total depth (feet) 1026'
  - (3) static water level (feet) 212' below top of ground.
  - (4) casing Steel 975'  
 (material) (depth)  
10"  
 (size) if telescope see back.
  - (5) screen 40' 975'  
 (length) (depth to top)  
6" Stainless Steel  
 (size) (material)
  - (6) pump 40 HP 200 GPM  
 (HP) (yield gpm)  
Electric  
 (type power)
  - (7) electric log yes  
 (yes or no)  
Bureau of Geology (State)  
 (organization running log)
  - (8) how well bottom plugged Back  
Pressure Valve

description of formations encountered	from	to
<i>Red sandy clay</i>	<i>0</i>	<i>4'</i>
<i>Clay</i>	<i>4'</i>	<i>16'</i>
<i>Hard lime rock</i>	<i>16'</i>	<i>33'</i>
<i>Hard shale + rock strk</i>	<i>33'</i>	<i>148'</i>
<i>Clay</i>	<i>148'</i>	<i>222'</i>
<i>Rock</i>	<i>222'</i>	<i>225'</i>
<i>Shale</i>	<i>225'</i>	<i>235'</i>
<i>Hard lime</i>	<i>235'</i>	<i>254'</i>
<i>Hard shale</i>	<i>254'</i>	<i>295'</i>
<i>Clay</i>	<i>295'</i>	<i>770'</i>
<i>Sandy clay</i>	<i>770'</i>	<i>800'</i>
<i>Clay + sand strk</i>	<i>800'</i>	<i>835'</i>
<i>Sandy clay + lignite</i>	<i>835'</i>	<i>980'</i>
<i>Sand</i>	<i>980'</i>	<i>1018'</i>
<i>Clay + sand strk</i>	<i>1018'</i>	<i>1121'</i>
<i>Hard shale</i>	<i>1121'</i>	<i>1136'</i>

**CODED**

DEPT. OF NATURAL RESOURCES  
 BUREAU OF LAND & WATER RESOURCES

**RECEIVED**  
 APR 23 1981

DRILLERS REMARKS:



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/3/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A070321B

HEALTH DEPT. #: 610086-01 ELEV. 370'

USGS #: Q64 OLWR #: GW04363

OWNER: Thomasville W.A. #2 QUAD: Whitfield

LOCATION: NW/SW S 29 T 4N R 3E COUNTY: Rankin

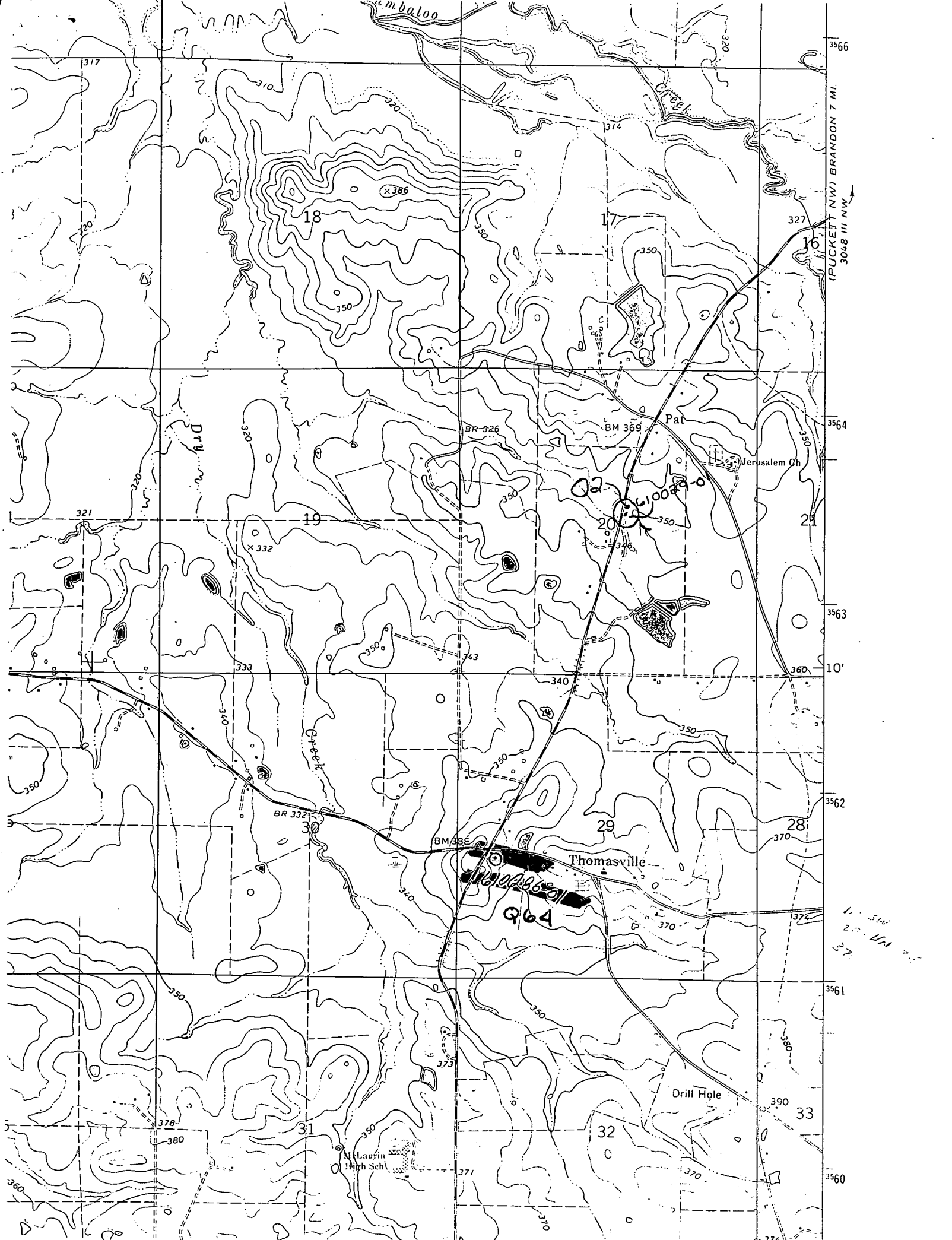
LOCATION DESCRIPTION: On Star-Brandon Rd. behind  
the Pure Grocery/deli.

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/40 HP

GPS FIELD LOCATION: LAT. 32° 09.450' N LONG. 90° 01.151 W

GPS CORRECTED LOCATION: LAT. 32.15672351 LONG. 90.01918537

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



(PUCKETT NW) BRANDON 7 MI.  
3048 III NW

1. 5.00  
2. 1.00  
3. 1.00