

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GW 12842 0610019-01

Elog# 220  
2300 LEESBURG

151

MASTER CARD

Record by WTR Source of data Bowc Date 6/69 Map Goshen Springs

State 13 28 County (or town) RANKIN 8 61

Latitude: 32<sup>deg</sup> 29<sup>min</sup> 06<sup>sec</sup> N Longitude: 089<sup>degrees</sup> 52<sup>min</sup> 28<sup>sec</sup> Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> T. 8<sup>25</sup> N. 4<sup>30</sup> S. R. 34<sup>35</sup> NW. SW<sup>40</sup> SE. Other number: 1

Local well number: A01403408NO4E Other number: B & M

Local use: 026152 Owner or name: PITSSIAH W A

Owner or name: PITSSIAH W A Address: \_\_\_\_\_

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, N

water: (S) (T) (U) (V) (W) (X) (Y) (Z) unused P

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: 10'-1463' CCKF DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft. 382 Meas. rept 3

Depth cased: \_\_\_\_\_ ft. 337 Casing type: Steel ; Diam. 8x6 in. 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open end, other S

Method Drilled: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) A

Date Drilled: 2/68 9/68 Pump intake setting: \_\_\_\_\_ ft. 36 38

Driller: Forest Drilling Co. address S

Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) A Deep  Shallow

Power (type): nat LP diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20  Trans. or meter no. \_\_\_\_\_

Descrip. MP 1/2" plug at 385 385 above ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: Top 5

Water Level: \_\_\_\_\_ ft. above below MP; \_\_\_\_\_ ft. above below LSD. Accuracy: \_\_\_\_\_ D

Date meas: 2/68 Yield: \_\_\_\_\_ gpm 164 Method determined A

Drawdown: \_\_\_\_\_ ft. Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs 60

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

PUNCHED and VERIFIED  
POLA COMPUTATION BRANCH

Well No.

A 14

Well No. \_\_\_\_\_

114

Latitude-longitude \_\_\_\_\_

N  
S

HYDROGEOLOGIC CARD

NAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

013

Section: \_\_\_\_\_

D

Drainage Basin: \_\_\_\_\_

137

Subbasin: \_\_\_\_\_

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp,  
site: (Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

OR

IFER: \_\_\_\_\_

system

series

TE

CKF

aquifer, formation, group

CØ

Geology: \_\_\_\_\_

5

Origin: \_\_\_\_\_

2

Aquifer

Thickness: \_\_\_\_\_

ft

Length of well open to: \_\_\_\_\_ ft

45

Depth to top of: \_\_\_\_\_ ft

322

OR

IFER: \_\_\_\_\_

system

series

aquifer, formation, group

Geology: \_\_\_\_\_

Origin: \_\_\_\_\_

Aquifer

Thickness: \_\_\_\_\_

ft

Length of well open to: \_\_\_\_\_ ft

Depth to top of: \_\_\_\_\_ ft

Intervals

enclosed: \_\_\_\_\_

25' 6"

Depth to consolidated rock: \_\_\_\_\_ ft

Source of data: \_\_\_\_\_

Depth to cement: \_\_\_\_\_ ft

Source of data: \_\_\_\_\_

Official

trial: \_\_\_\_\_

Infiltration

characteristics: \_\_\_\_\_

Efficient

storage: \_\_\_\_\_

gpd/ft

Coefficient

Storage: \_\_\_\_\_

Efficient

storage: \_\_\_\_\_

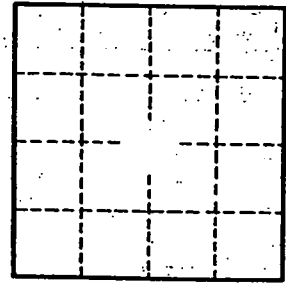
gpd/ft<sup>2</sup>

Spec tap: \_\_\_\_\_

gpm/ft

Number of geologic cards: \_\_\_\_\_

N.L. - 1968 - 142'  
N.L. - 1980 - 156.45'  
10/24/1989 - 154.96'



Well No. \_\_\_\_\_

A14

Rankin  
A14  
2-20-68  
U.S.G.S.

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

Copy  
CODED

2/20 1968 Forest Drilling Rankin  
date well completed firm name county well located

LANDOWNER: Pingal  
Water Assn.  
Jard Hill, Miss.  
(mailing address)

WELL LOCATION:  
sec. 34 T. 8 N R. 4 E  
Aug 43 3 miles Pingal of  
(distance) (direction) (nearest town)

WELL PURPOSE: Community  
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- diameter (inches) 8"
  - total depth (feet) 382'
  - static water level (feet) 142' below above top of ground.
  - casing Steel, 320'  
(material) (depth)  
8"  
(size) If telescope see back.
  - screen 45' 337'  
(length) (depth to top)  
6" Stainless steel  
(size) (material)
  - pump 20 164  
(HP) (yield gpm)  
Elect  
(type power)
  - electric log Yes  
(yes or no)  
U. S. Geological  
(organization running log)
  - how well bottom plugged 6" x 2"  
Backwash Valve

description of formations encountered	from	to
<u>Brown clay</u>	<u>0</u>	<u>40</u>
<u>Blue clay</u>	<u>40</u>	<u>102</u>
<u>Clay + sh. like rock</u>	<u>102</u>	<u>123</u>
<u>Blue clay</u>	<u>123</u>	<u>143</u>
<u>S. Clay + lime rock</u>	<u>143</u>	<u>163</u>
<u>Blue clay</u>	<u>163</u>	<u>200</u>
<u>Fire Rock</u>	<u>200</u>	<u>204</u>
<u>Clay + op. sh.</u>	<u>204</u>	<u>224</u>
<u>Sandy shale</u>	<u>224</u>	<u>228</u>
<u>Clay</u>	<u>228</u>	<u>240</u>
<u>Mucky sand</u>	<u>240</u>	<u>245</u>
<u>May sand &amp; clay</u>	<u>245</u>	<u>250</u>
<u>Clay</u>	<u>250</u>	<u>264</u>
<u>Mucky sand</u>	<u>264</u>	<u>268</u>
<u>Clay</u>	<u>268</u>	<u>288</u>
<u>mpy shale + sh. sand</u>	<u>288</u>	<u>308</u>
<u>Fire sand + sh. clay</u>	<u>308</u>	<u>323</u>
<u>Fire sand</u>	<u>323</u>	<u>328</u>
<u>Fire sand + sh. clay</u>	<u>328</u>	<u>370</u>
<u>Fire sand</u>	<u>370</u>	<u>382</u>

CODED

APR 17 1969

DRILLERS REMARKS:

MISS. BD. OF  
WATER COMM.



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin / Phillips DATE: 7/1/96

UNIT DEQ #: \_\_\_\_\_ FILE #: B070118C

HEALTH DEPT. #: 610019-01 ELEV. @385'

USGS #: A14 OLWR #: GW12842

OWNER: Pisgah W.A. QUAD: Gashen Springs

LOCATION: NW/SE<sup>?</sup> S 34 T 8N R 4E COUNTY: Rankin

LOCATION DESCRIPTION: Next to Post Office on old Hwy  
43

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_

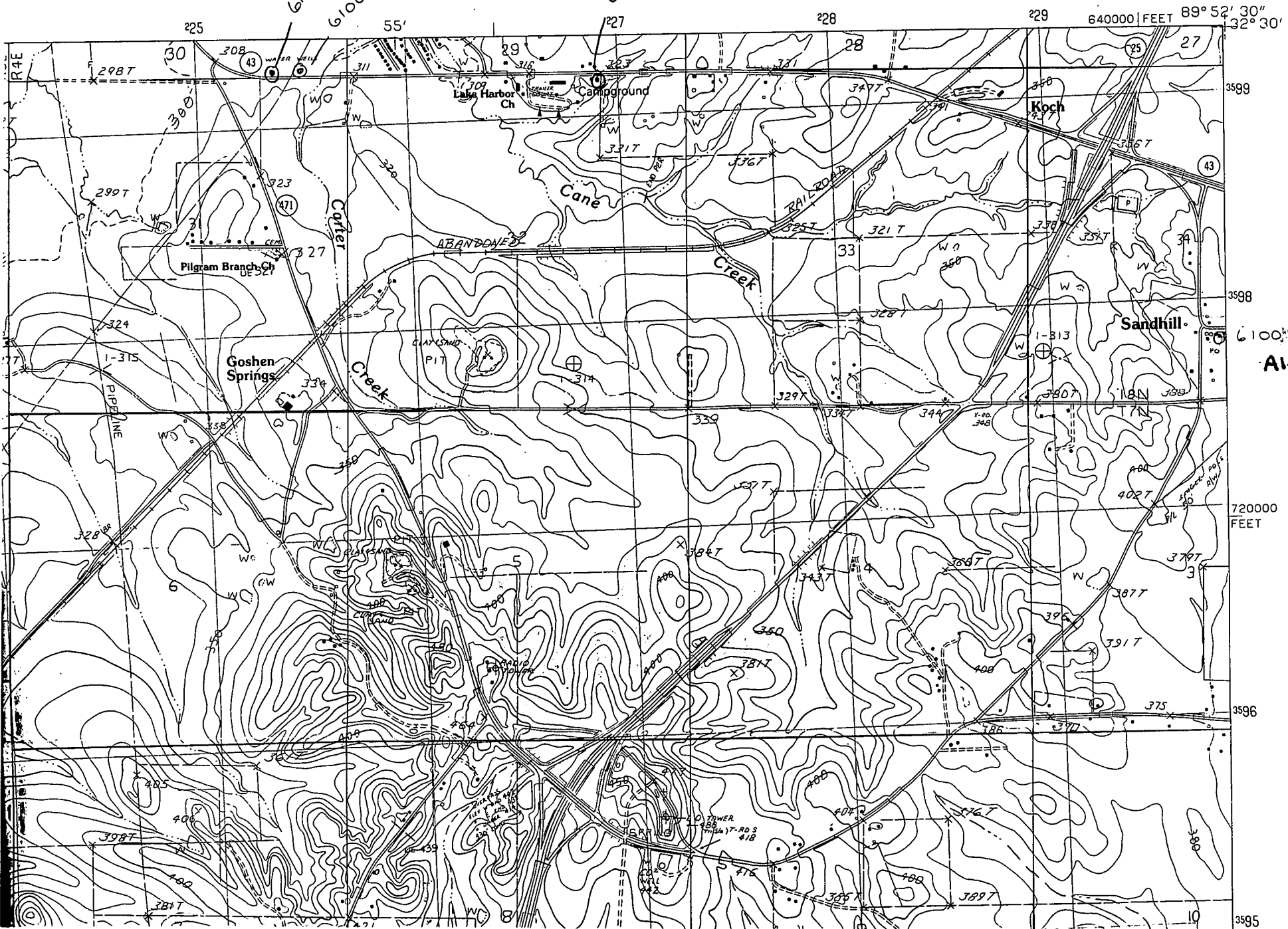
GPS FIELD LOCATION: LAT. 32° 29' 13.8" N LONG. 89° 52' 34.0 W

GPS CORRECTED LOCATION: LAT. 32.48687627 LONG. 89.87550556

REMARKS: Pump pulled, ∴ No tag, use for obs. well.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GPS

GOSHEN SPRINGS QUADRANGLE  
MISSISSIPPI-RANKIN CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



610019-01  
A14

720000  
FEET

3595