

Completed  
11/23/76  
JAC.

PUNCHED  
MAR 21 1976

FORM 9-1642  
(1-68)

Well No. E15

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR      GEOLOGICAL SURVEY      WATER RESOURCES DIVISION

#### MASTER CARD

Record by J.A. Callahan Source of data Drilling Tommy Christman Date 4/3/72 Map \_\_\_\_\_

State 28 County (or town) Shanklin 63

Latitude: 32° 54' 38" N Longitude: 09° 05' 21" W Sequential number: 1

Lat-long accuracy: 2 T. 12 S. R. 7 E Sec 1 NW SW

Local well number: F015BCOLL12N07W Other number: \_\_\_\_\_ B & M

Local use: 064 Owner or name: \_\_\_\_\_

Owner or name: ROLLING FORK Address: \_\_\_\_\_

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Irr, (H) Med, (I) P S, (J) Rec, (K) Stock, (L) Instat, (M) Unused, (N) Repressure, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other \_\_\_\_\_ P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. \_\_\_\_\_ 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: \_\_\_\_\_

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1042 ft Meas. rept 1039 accuracy \_\_\_\_\_

Depth cased: \_\_\_\_\_ ft Casing type: \_\_\_\_\_; Diam. 10x6 in \_\_\_\_\_

Finish: (A) porous concrete, (B) gravel w. (perf.), (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other \_\_\_\_\_ G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air perc., (H) reverse, (I) trenching, (J) driven, (K) wash, (L) other \_\_\_\_\_ H

Date Drilled: 9-6-6 Pump intake setting: 106' column in 20' size ft \_\_\_\_\_ 1-2-0

Driller: Larry Hunter

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other \_\_\_\_\_ 7 Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 40  Trans. or meter no. \_\_\_\_\_

Descrip. MP 3 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_ 3

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

Date meas: 2/7/67 Yield: 267 gpm 400 400 Method determined \_\_\_\_\_ 61

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

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

Sp. Conduct \_\_\_\_\_ K x 10 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

2/7/67  
22.00  
12/6/94  
43.65

PUNCHED

Well No.

E15

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Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section:         

E Drainage Basin: 15J Subbasin:         

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat, (F) flat, (H) hilltop, (K) sink, (L) swamp, (P) pediment, (S) terrace, (T) undulating, (U) valley flat, (V) valley flat

MAJOR AQUIFER: system          series TE aquifer, formation, group SS

Lithology: US Origin: 2 Aquifer Thickness: 67 ft (dvl. log)

Length of well open to: 60 ft Depth to top of: 974 ft

MINOR AQUIFER: system          series          aquifer, formation, group         

Lithology:          Origin:          Aquifer Thickness:          ft

Length of well open to:          ft Depth to top of:          ft

Intervals Screened:         

Depth to consolidated rock:          ft Source of data:         

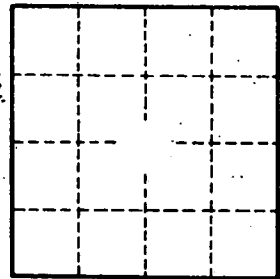
Depth to basement:          ft Source of data:         

Surficial material:          Infiltration characteristics:         

Coefficient Trans:          gpd/ft Coefficient Storage:         

Coefficient Perm:          gpd/ft<sup>2</sup>; Spec cap:          gpm/ft; Number of geologic cards:         

Behind City Hall at  
+ Railroad Wash. New water tank  
E Side of RR track.



Tt = 26.0  
PH = 8.1  
Sp Cond = 698

Well No.

Sharkey  
E15  
2-67

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

CODED.

WATER WELL DRILLERS LOG

2-7-1967 date well completed  
Layne Central Co. firm name  
Sharkey county well located

LANDOWNER: Town of  
Rolling Fork  
Rolling Fork, Miss.  
(mailing address)

WELL LOCATION: 3 Blocks East of  
sec. 12 T. 12 N. R. 7 E. city hall  
S 7 W

(distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 10"  
(2) total depth (feet) 1045'  
(3) static water level (feet) 22 below top of ground.  
(4) casing 10" (size) If telescope see back. 974' (depth)  
(5) screen 60' (length) 979' (depth to top) 6" (size) Stainless steel (material)  
(6) pump 40 (HP) (yield gpm) Electric (type power)  
(7) electric log No (yes or no)  
(organization running log)  
(8) how well bottom plugged

description of formations encountered	from to	
	from	to
Clay	0	2
Sandy Clay	2	16
Blue Clay	16	50
Sand + Gravel	50	132
Clay	132	206
Sand + Clay streaks	206	306
Sand	306	459
Shale + Sand streaks	459	493
Hard Shale	493	530
Rock	530	531
Shale + Sand streaks	531	561
Rock + Shale streaks	561	569
Shale + Sand streaks	569	644
Rock + Shale streaks	644	654
Shale streaks of sand	654	714
Sand + Shale	714	817
Hard Shale	817	820
Hard Shale Gummy Stks	820	936
Sand + Shale streaks	936	974
Sand	974	1027
Shale Break	1027	1029
Sand	1029	1041
Shale	1041	1042

DRILLERS REMARKS:  
NO CAPACITY TEST RUN  
AS OF THIS DATE

