

loc. quest. - no sketch

FORM 9-1642 (1-68)

Well No. M 27

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. Shell Source of data Bowc Date 4/69 Map Prairie

State 28 County (or town) Chickasaw 07

Latitude: 33° 51' 25" N Longitude: 08° 84' 34" W Sequential number: 1

Lat-long accuracy: 3 T 14 R 5 W, Sec 14, SE t, SE t

Local well number: M 027 D D 1 4 1 4 5 0 5 E Other number: _____ B & M

Local use: 021 Owner or name: _____

Owner or name: GUNN, GUNN Address: Egypt, #1

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____ 7

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ A

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (D) _____ 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: _____ ft 400 Meas. rept _____ accuracy _____

Depth cased; (first perf.) _____ ft 23 Casing type: _____; Diam. _____ in 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open perf., (K) screen, (L) sd. pt., (M) shored, (N) open hble, (O) other _____ X

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other _____ H

Date drilled: 966 Pump intake setting: _____ ft _____

Driller: _____

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) LP gas, (G) wind, (H) H.P. _____ 1 Trans. or meter no. _____

Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____ 7

Water Level 58 ft above MP; Ft below LSD 58 Accuracy: _____ 0

Date meas: 166 Yield: _____ gpm _____ Method determined _____ 1

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

ROLLING VERIFIED

Well No.

Well No. M 27

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ **Physiographic Province:** 03 ^{20 21} **Section:** _____

Drainage Basin: D ²² 13 E ^{23 25} **Subbasin:** _____ ²⁴

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) _____ ²⁷

MAJOR AQUIFER: _____ ²⁸ K3 ²⁹ _____ ³⁰ E14 ³¹ _____ ³²
system series aquifer, formation, group

Lithology: _____ ³³ S ³⁴ **Origin:** _____ ³⁵ G ³⁶ **Aquifer Thickness:** 120 ft ³⁷

Length of well open to: _____ ft ³⁸ 120 ³⁹ **Depth to top of:** _____ ft ⁴⁰ 280 ⁴¹

MINOR AQUIFER: _____ ⁴² _____ ⁴³ _____ ⁴⁴ _____ ⁴⁵ _____ ⁴⁶ _____ ⁴⁷
system series aquifer, formation, group

Lithology: _____ ⁴⁸ _____ ⁴⁹ **Origin:** _____ ⁵⁰ _____ ⁵¹ **Aquifer Thickness:** _____ ft ⁵²

Length of well open to: _____ ft ⁵³ _____ ⁵⁴ **Depth to top of:** _____ ft ⁵⁵ _____ ⁵⁶

Intervals Screened: 2 per well

Depth to consolidated rock: _____ ft ⁵⁷ _____ ⁵⁸ **Source of data:** _____ ⁵⁹

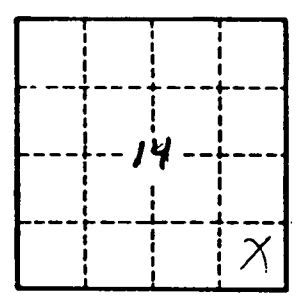
Depth to basement: _____ ft ⁶⁰ _____ ⁶¹ **Source of data:** _____ ⁶²

Surficial material: _____ ⁶³ **Infiltration characteristics:** _____ ⁶⁴

Coefficient Trans: _____ gpd/ft ⁶⁵ _____ ⁶⁶ **Coefficient Storage:** _____ ⁶⁷ _____ ⁶⁸

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpd/ft; Number of geologic cards: _____ ⁶⁹

Surface clay 0-20 ft
 Blue clay 20-280
 Sand 280-900
 Bottom 400



Well No. M 27

CHICKASAW 3 13E
 M 27
 1-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

WATER WELL DRILLERS LOG

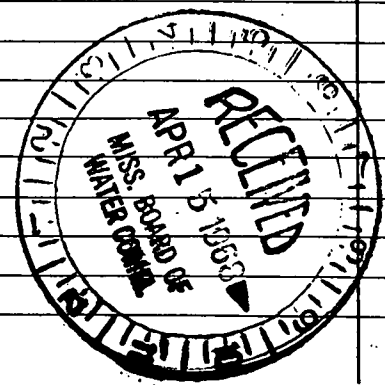
Date: Jan 12, 1966, Driller: Herndon-Homan Well & Supply, Inc.
(When well drilled) P. O. Box 42
SHANNON, MISSISSIPPI 38660 Charbon
(Name) (Where well is located)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Guss Land</u> <small>(Name)</small>				
<u>411 Egypt Miss.</u> <small>(Address)</small>		<u>surface sand</u>		
(2) Location: <u>SE 1/4, SE 1/4, Sec. 14 T. 14 S. R. 5 E</u>		<u>& clay</u> CODED	<u>0</u>	<u>20</u>
<u>3</u> miles <u>SW</u> , of <u>Egypt</u> <small>(distance) (direction) (Nearest town)</small>		<u>Blue clay</u>	<u>20</u>	<u>280</u>
(3) Topography: <u>flat</u> <small>(Hilly) (Flat) (Level)</small>		<u>Sand</u>	<u>280</u>	<u>400</u>
(4) Purpose of Well: <u>Domestic</u> <small>(Domestic Irrigation Municipal, Industrial, Other)</small>		<u>Bottom</u>	<u>400</u>	

Information upon completion of well:

- (1) Diameter 4 inches.
- (2) Total Depth 400 feet.
- (3) Water Level 58' feet below top of ground.
- (4) Cased to 23', Size 4"
- (5) Screen: Size NONE, Length _____
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 20'
 Why surface + sand
 Drillers Remarks: Hand Pump
 Yield in gpm: _____
 Size pump: _____
 Type power: _____



Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.