

loc. quest. - no sketch

FORM 9-1642 (1-68)

Well No. M 33

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.S Source of data ROWC Date 1/70 Map Prairie

State 28 County (or town) Chickasaw 09

Latitude: 33 50 27 N Longitude: 08 84 40 9 Sequential number: 1

Lat-long accuracy: 3 T. 14 N. R. 5 Sec. 24 t. SW t. SW t.

Local well number: M033CC2419S05E Other number: B & H

Local use: 021 Owner or name: JIM TOWNSEND Address: Okolona, MS

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Fire, (F) Dom, (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 H

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: 440 ft Meas. rept accuracy 24

Depth cased; (first perf.): 30 ft Casing type: Steel; Diam. in 5

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

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

Date Drilled: 9/6/9 Pump intake setting: ft

Driller: name address Deep Shallow

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

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind; H.P. 1/2 Trans. or meter no. S

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

Alt. LSD: 250 Accuracy: (source) 47

Water Level 80 ft above below MP; Ft. above below LSD 80 Accuracy: 52

Date meas: 11/6/9 Yield: 5 gpm Method determined 61

Drawdown: ft Accuracy: 63 Pumping period hrs 68

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

Sp. Conduct K x 10⁶ Temp. F Date sampled 77 79

Taste, color, etc. 79

WELL NO.

M 33

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 03

Drainage Basin: D Subbasin: 13E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group EU

Lithology: U5 Origin: 6 Aquifer Thickness: 160 ft

Length of well open to: _____ ft 160 Depth to top of: _____ ft 280

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: well open to sand at 280-440 ft

Depth to consolidated rock: _____ ft _____ Source of data: _____

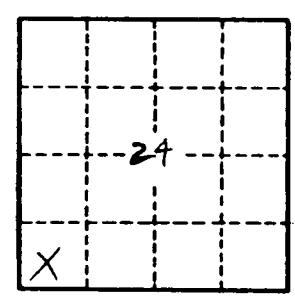
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient of storage: _____ Coefficient of storage: _____

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

Surface clay 0-25 ft
Blue clay 25-280-
Sand 280-440
Bottom 440



Well No. M 33

Chickasaw
M 33
11-29-69

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

CODED

WATER WELL DRILLERS LOG

Herndon-Homan Well & Supply, Inc.

11-29 1969
 date well completed

P. O. Box 42

SHANNON, MISSISSIPPI 38868

county well located

LANDOWNER:	description of formations encountered	from	to
<u>Jimmy Townsend</u>	<u>Surface sand &</u>	<u>0</u>	<u>25</u>
<u>Route 2, Box 234</u>	<u>Clay</u>	<u>25</u>	<u>250</u>
<u>Okalona, Miss.</u>	<u>Blue clay</u>	<u>250</u>	<u>440</u>
(mailing address)	<u>Sand</u>	<u>440</u>	<u>440</u>
	<u>Bottom</u>		
WELL LOCATION:			
sec <u>27 T 14 N</u> R <u>5 E</u>			
S			
<u>3</u> miles <u>S</u> of <u>Egypt</u>			
(distance) (direction) (nearest town)			
WELL PURPOSE: <u>Home</u>			
(home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>5"</u>			
(2) total depth (feet) <u>440</u>			
(3) static water level (feet) <u>80</u> below top of ground.			
(4) casing <u>Steel</u> , <u>30'</u> (material) (depth)			
<u>5"</u> (size) If telescope see back.			
(5) screen <u>---</u> (length) <u>---</u> (depth to top)			
<u>---</u> (size) <u>---</u> (material)			
(6) pump <u>1/2</u> (HP) <u>5</u> (yield gpm)			
<u>Electric</u> (type power)			
(7) electric log <u>no</u> (yes or no)			
(organization running log)			
(8) how well bottom plugged <u>open</u>			
DRILLERS REMARKS:			

JAN - 8 1970

MISS. BD. OF
 WATER COMM.

If well telescopes please sketch and show depths.

GROUND LEVEL

X			

SECTION 24

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.