

FORM 9-1642 (1-68)

Well No.

N 24

WELL SCHEDULE

Elog # 40

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

OCT 31 1972

MASTER CARD

Record by WTO Source of data Rowc Obs driller Date 4-26-72 Map _____

State MISS County CHICKASAW 28 (or town) 09

Latitude: 33 47 27 N Longitude: 08 90 45 9 Sequential number: 1

Lat-long accuracy: 2 15 2 0 109 NE NE

Local well number: N 074 CB 1015502E Other number: _____

Local use: 021040 Owner or name: _____

Owner or name: WTWV TELEVISION Address: TUPELO, MISS

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (X) (Z) W

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

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: Pumpage inventory: no. period: _____

Aperture cards: yes

Log data: E log 550' - 1334 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1336 Meas. rept. accuracy 3

Depth cased: 861 Casing type: _____ Diam. 5X2 in 5

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) multiple, (K) multiple, (L) none, (M) piston, (N) rot, (O) submerg, (P) turb, (Q) other S

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

Date Drilled: 4-26-72 972 Pump intake setting: _____ ft _____

Driller: HERNDON WELLS SHANNON PILES

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 S Deep Shallow

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

Descrip. MP 570' above LSD, Alt. MP _____

Alt. LSD: 500 Accuracy: (source) topo 50' contour 5

Water Level: _____ ft above MP; _____ ft below LSD 418 Accuracy: _____ D

Date meas: 472 Yield: _____ gpm 110 Method determined _____

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

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

Sp. Conduct _____ K x 10 _____ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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Latitude-longitude d m s d m s

PHYSIOGRAPHIC CARD

Physiographic Province: 03 Section: 20 21

Drainage Basin: 15E Subbasin: 24

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

MAJOR AQUIFER: system K3 series E3 aquifer, formation, group E3

Lithology: 2S Origin: 6 Aquifer Thickness: 88 ft

Length of well open to: 798 ft Depth to top of: 1222 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: Perforated pipe from 538-1336'

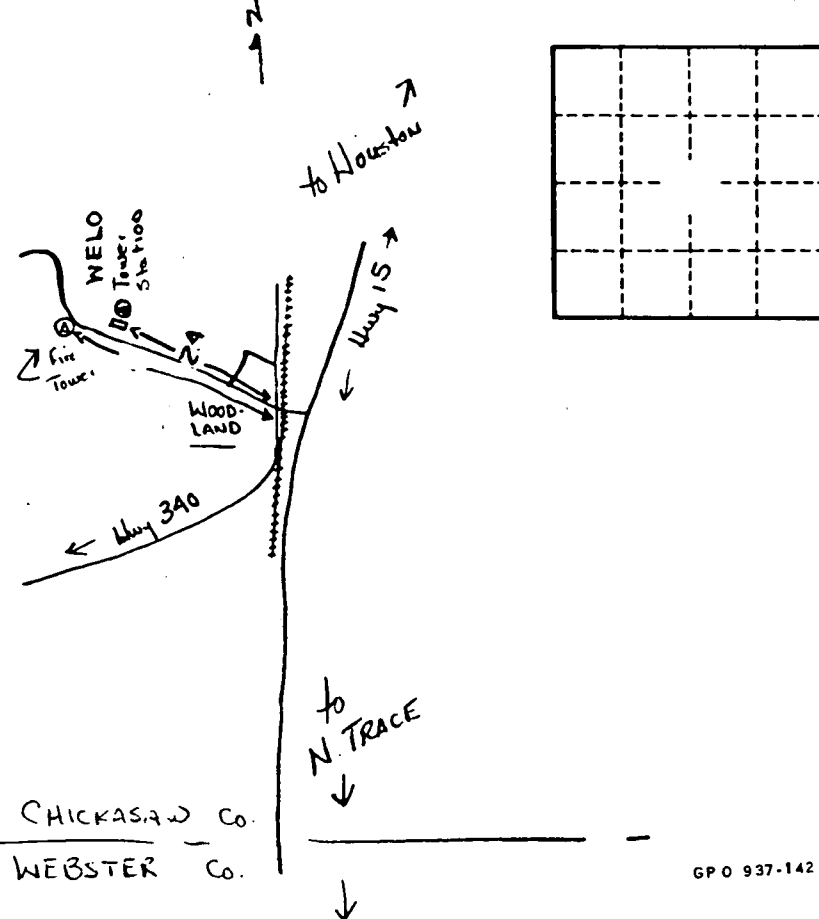
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

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



Well No. N24

CHICKASAW

N24
E log #40

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

April 28, 1972 Herndon Well & Supply Co. Chickasaw
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
WTWV Television	Red Sand	0	20
Attn: John Clark	Blue Chalk	20	500
Box 163, Tupelo, Miss. 38801	White Chalk	500	1100
(mailing address)	White Chalk w/fine sand	1100	1220
WELL LOCATION:	Sand	1220	1334
sec. <u>4</u> T <u>15S</u> N R <u>2E</u> E	Rock	1334	1336
S W			
<u>3</u> miles West of <u>Woodland</u>			
(distance) (direction) (nearest town)			
WELL PURPOSE: <u>Business</u>			
(home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>5" x 2"</u>			
(2) total depth (feet) <u>1336 ft</u>			
(3) static water level (feet) <u>418</u> below above top of ground.			
(4) casing <u>steel</u> , <u>545</u>			
(material) (depth)			
<u>5"</u> if telescope see back.			
(size)			
Perforated <u>798</u> , <u>861 ft</u>			
pipe (length) (depth to top)			
<u>2"</u> , <u>steel pipe</u>			
(size) (material)			
(6) pump <u>1 1/2</u> <u>10 gpm</u>			
(HP) (yield gpm)			
elec:			
(type power)			
(7) electric log <u>YES</u>			
(yes or no)			
<u>U S G S - Jackson</u>			
(organization running log)			
(8) how well bottom plugged <u>open</u>			
DRILLERS REMARKS:			
<u>well located on highest hill</u>			

CODED

AUG 21 1972

MISS. D.D. WATER BOARD

If well telescopes please sketch and show depths.

GROUND LEVEL

545 ft. 5" casing

798 ft.

Perf. pipe

7 ft. log

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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