

loc. quest. - no sketch

FORM 9-1642 (1-68)

Well No. M-23

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 _____

State 28 County (or town) Chickasaw 09

Latitude: 33° 49' 26" N Longitude: 08° 84' 17" W Sequential number: 1

Lat-long accuracy: 3 T. 14 N. R. 5 S. Sec. 36 T. NW R. NW

Local well number: M. O. 2. 3. 4. P. 3. 6. 7. 4. 3. 0. 5. E Other number: _____ B & H

Local use: 0. 2. 1. Owner or name: Curtis Cunningham

Owner or name: C. CUNNINGHAM Address: Expt. M.C.

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

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

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (B) _____ W

DATA AVAILABLE: Well data Freq. W/L meas.: 7 Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes _____

Log data: _____ 2

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 400 Meas. _____ accuracy _____

Depth cased; (first perf.) 22' 4" ft _____ Casing type: _____; Diam. _____ in _____

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other _____ X

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

Date drilled: 9.6.6 Pump intake setting: _____ ft _____

Driller: _____ name _____ address _____

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ LP _____ Trans. or meter no. _____ S

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

Alt. LSD: _____ Accuracy: _____ 4

Water Level: 45 ft above _____ MP; Ft below _____ LSD 45 Accuracy: _____ D

Date meas: 9-66 Yield: _____ gpm _____ Method determined _____

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. _____

PUNCHED BY _____

Well No. _____

Well No. M 23

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0:3 Section: _____

Drainage Basin: D 1:3:E Subbasin: _____

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

MAJOR AQUIFER: K3 EU aquifer, formation, group

Lithology: S Origin: G Aquifer Thickness: ≥120 ft

Length of well open to: _____ ft 120 Depth to top of: _____ ft 280

MINOR AQUIFER: _____ aquifer, formation, group

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: open well

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

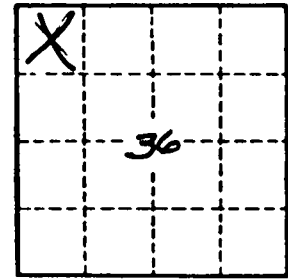
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

Blue surface soil 0-3
Clay (surface) 3-20
Blue clay 20-280
Sand 280-400



Well No.

Chickasaw

M 23

9-66

3 13E

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

WATER WELL DRILLERS LOG

Date: Sept. 21, 1966, Driller: Herndon-Homan Well & Supply, Inc. *Chickasaw*
(When well drilled) P. O. Box 42 County Nowata
SHANNON, MISSISSIPPI 38668 (Where well is located)

(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Curtis Cunningham</u>	<u>Black dirt</u>	<u>3</u>	<u>3</u>
<u>RR 1 Egypt, Miss.</u>	<u>Blue clay</u>	<u>17</u>	<u>20</u>
(2) Location: <u>N 1/4, NW 1/4, Sec. 36, T4R5E</u>	<u>Sand</u>	<u>120</u>	<u>400</u>
<u>1/4</u> miles <u>South</u> of <u>Egypt</u>	<u>Black suspended</u>	<u>3</u>	<u>3</u>
<small>(distance)</small> <small>(direction)</small> <small>(Nearest Town)</small>	<u>Clay (sub)</u>	<u>17</u>	<u>20</u>
(3) Topography: <u>Flat</u>	<u>Blue clay</u>	<u>160</u>	<u>280</u>
<small>(Hilly) (Flat) (Level)</small>	<u>Sand</u>	<u>120</u>	<u>400</u>
(4) Purpose of Well: <u>Domestic</u>			
<small>(Domestic Irrigation Municipal, Industrial, Other)</small>			

Information upon completion of well:

- (1) Diameter 5 inches.
- (2) Total Depth 400 feet.
- (3) Water Level 45 feet below top of ground.
- (4) Cased to 22'4", Size 5"
- (5) Screen: Size None, Length _____
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 20'

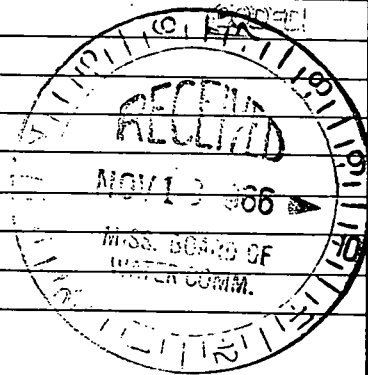
Why surface + sand

Drillers Remarks: _____

Yield in gpm: 5

Size pump: 1/3

Type power: Electric



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