

loc. quest. - no sketch

FORM 9-1642 (1-68)

Well No. C 13

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 Troy SE

State 28 County (or town) Chickasaw 014

Latitude: 340003N Longitude: 0884936 Sequential number: 1

Lat-long accuracy: 3 T. 120 R. 4 Sec. 36 NE NE

Local well number: C013AA3612509E Other number: B & M

Local use: 021 Owner or name: OPHELIA DANCIER Address: Opalona, Miss

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, (S) Stock, Instat, 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, (D) (G) (H) (I) (M) (N) (P) (R) (T) (U) (W) (X) (Z) W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes 76 no 77

Aperture cards: 78 79

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 620 Meas. rept 24 accuracy 5

Depth cased; (first perf.): 22 ft Casing type: 20 23 Diam. in 29 30

Finish: porous concrete, gravel w. (perfl.), gravel w. (screen), horiz. gallery, open end, (C) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) X

Method Drilled: air bored, cable, dug, hyd jetted, air reverse, percussion, rotary, (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) H

Date Drilled: 3-66 9-6-66 Pump intake setting: 33 35 ft 36 38

Driller: Herndon name 39 address 40

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 39 Deep 40

Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 1/2 S Trans. or meter no. 41

Descrip. MP 41 above 42 below LSD, Alt. MP 43

Alt. LSD: 320 Accuracy: (source) 47 5

Water Level: 145 ft above 42 below MP; Ft 45 below LSD 48 51 Accuracy: 52 D

Date meas: N. 6. 6 Yield: 5 gpm 59 60 Method determined 61

Drawdown: 62 ft 64 Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 K x 10⁶ 74 Temp. 75 76 Date sampled 77 79

Taste, color, etc. 78

PUNCHED and VERIFIED

Well No.

C 13

Well No. C13

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 013 Section: _____

D Drainage Basin: 13E Subbasin: _____

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

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

Lithology: _____ Origin: 6 Aquifer Thickness: 120 ft

Length of well open to: _____ ft 126 Depth to top of: _____ ft 500

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 500-600

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

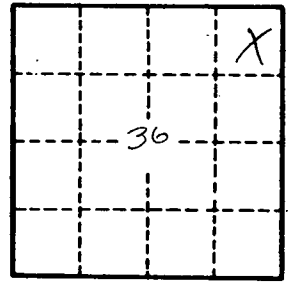
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Surface sand & clay 0-18 ft
Blue clay 18-500
Sand 500-620



Well No. C13

Chickasaw

C 13

3

13E

11-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

WATER WELL DRILLERS LOG

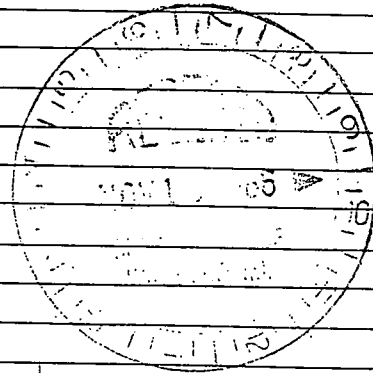
CODED

Date: March 19 66, Driller: Herndon-Homan Well & Supply, Inc.
(When well drilled) P. O. Box 42 County Chickasaw
SHANNON, MISSISSIPPI 38868 (Where well is located)

(1) Owner of Land: <u>Ohio Daniels</u> (Name)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
<u>Okolona, Miss.</u> (Address)	<u>surface sand & clay</u>	<u>14</u>	<u>14</u>
(2) Location: <u>NE 1/4, NE 1/4, Sec 36 T12R4E</u>	<u>Blue clay</u>	<u>452</u>	<u>500</u>
<u>5</u> miles <u>West</u> of <u>Okolona</u> (distance) (direction) (Nearest Town)	<u>Sand</u>	<u>120</u>	<u>620</u>
(3) Topography: <u>Flat</u> (Hilly) (Flat) (Level)			
(4) Purpose of Well: <u>Domestic</u> (Domestic Irrigation Municipal, Industrial, Other)			

Information upon completion of well:

- (1) Diameter 5 inches.
- (2) Total Depth 620 feet.
- (3) Water Level 145 feet below top of ground.
- (4) Cased to 22', Size 5 1/2
- (5) Screen: Size NONE, Length _____
- (6) Were any formations sealed against pollution?
 yes, no.
- If YES depth of formation 14'
- Why Surface & Sand
- Drillers Remarks: _____
- Yield in gpm: 5
- Size pump: 1/2
- Type power: Electric



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