

loc. quest - no sketch

WRD Exp. (GW)  
April 1966

Well No. M 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 1/69 Map Prairie  
 State 28 County (or town) Chickasaw 09  
 Latitude: 33<sup>deg</sup> 51<sup>min</sup> 26<sup>sec</sup> N Longitude: 08<sup>deg</sup> 84<sup>min</sup> 43<sup>sec</sup> W Sequential number: 1  
 Lat-long accuracy: 3<sup>deg</sup> 14<sup>min</sup> 5<sup>sec</sup> N 14<sup>deg</sup> SE SE SE  
 Local well number: M013DD1414505E Other number: B & H  
 Local use: 021 Owner or name: THE BOYD Address: Rt 2, Okolon  
 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 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: period: 77  
 Aperture cards: 78 D  
 Log data: 79

PURCHASED AND VERIFIED  
ROLLA COMMUNICATION BRANCH

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 400 ft Meas. 3  
 Depth cased: 110 ft Casing type: Steel; Diam. 5 in  
 Finish: porous concrete, gravel v. concrete, (perf.), (screen), gallery, end, (H) horiz. open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, other X  
 Method: (A) air bored, (B) cable, (C) dug, (D) jetted, (H) air reverse, (J) percuss, (P) rotary, (R) trenching, (T) driven, (V) wash, (W) drive, other H  
 Date Drilled: 12-68 968 Pump intake setting: 30 ft  
 Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_  
 Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) turb., (N) nose, (P) piston, (R) rot, (S) submerg, (T) turb, other 39 Deep 40  
 Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 1/3 Trans. or meter no. 41  
 Descrip. MP \_\_\_\_\_ ft above LSD - Alt. MP \_\_\_\_\_  
 Alt. LSD: 255 Accuracy: 47 4  
 Water Level: 65 ft above MP; Ft below LSD 65 Accuracy: 57 D  
 Date meas: 068 Yield: 5 gpm Method determined 61  
 Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs 66 68  
 QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm 72  
 Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ 77 79  
 Taste, color, etc. \_\_\_\_\_

Well No. M 13

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Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 13E Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: K3 system series aquifer, formation, group E4

Lithology: S Origin: G Aquifer Thickness: 2120 ft

Length of well open to: \_\_\_\_\_ ft 120 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: Open well

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

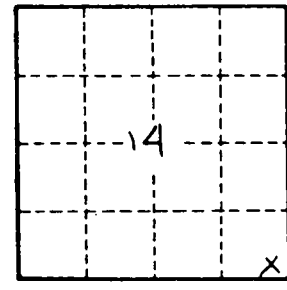
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

3 mi. S/W Egypt.

Surface clay. 0-16 ft  
Blue clay 16-280  
Sand 280-400  
Bottom 400



Well No. M 13

Chickasaw  
M 13  
12-68

**CODED**

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

**CODED**

**CODED CODED**

**WATER WELL DRILLERS LOG**

Herndon-Homan Well & Supply

Chickasaw

date well completed

19 66

firm firm's BOX 32  
SHANNON, MISSISSIPPI 38864

county well located

| LANDOWNER:  | description of formations encountered | from | to  |
|---|---------------------------------------|------|-----|
| Ther Boyd   | Surface clay                          | 0    | 16  |
| At 2 Okolona, Miss  | Surface clay                          | 16   | 280 |
| (mailing address)   | Sand                                  | 280  | 400 |
|   | Bit                                   | 400  |     |
| <b>WELL LOCATION:</b>                                       |                                       |      |     |
| sec 14 T 14 N R 5 E   |                                       |      |     |
| 3 miles SW of Egypt   |                                       |      |     |
| (distance) (direction) (nearest town)                       |                                       |      |     |
| <b>WELL PURPOSE:</b> Home                                   |                                       |      |     |
| (home, irrigation, municipal, industrial)                   |                                       |      |     |
| <b>WELL COMPLETION DATA:</b>                                |                                       |      |     |
| (1) diameter (inches) 5"                                    |                                       |      |     |
| (2) total depth (feet) 400                                  |                                       |      |     |
| (3) static water level (feet) 65 below above top of ground. |                                       |      |     |
| (4) casing steel, 10'                                       |                                       |      |     |
| (material) (depth)  |                                       |      |     |
| If telescope see back.                                      |                                       |      |     |
| (size)  |                                       |      |     |
| (5) screen ND   |                                       |      |     |
| (length) (depth to top)                                     |                                       |      |     |
| (size) (material)   |                                       |      |     |
| (6) pump 1/3 5  |                                       |      |     |
| (HP) (yield gpm)  |                                       |      |     |
| electric  |                                       |      |     |
| (type power)  |                                       |      |     |
| (7) electric log ND   |                                       |      |     |
| (yes or no)   |                                       |      |     |
| (organization running log)                                  |                                       |      |     |
| (8) how well bottom plugged open                            |                                       |      |     |
| <b>DRILLERS REMARKS:</b>                                    |                                       |      |     |

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DEC - 4 1966

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WATER COMMISSIONERS

