

Prairie

FORM 9-1642 (1-68)

Well No. B46

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**PUNCHED**  
JAN 24 1973

**PUNCHED**

MASTER CARD

Record by JCM Source of data BOWC Date 4-72 Map \_\_\_\_\_

State 28 County Clay (or town) \_\_\_\_\_

Latitude: 33<sup>48</sup>43<sup>7</sup>39<sup>9</sup> N Longitude: 088<sup>4</sup>45<sup>9</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> T. 15<sup>5</sup> S. R. 5<sup>5</sup> W. Sec. 23<sup>5</sup> SE 1/4, SE 1/4, NW 1/4

Local well number: B046DB2315505E Other number: \_\_\_\_\_

Local use: 021 Owner or name: \_\_\_\_\_

Owner or name: JOANNA HEARD Address: Prairie

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, 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. 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: \_\_\_\_\_

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 500 ft Meas. rept. accuracy 3

Depth cased; (first perf.) 22 ft Casing type: Steel; Diam. 5 in

Finish: porous concrete, gravel w. (perf.), (F) gravel w. (screen), (G) horiz. gallery, (H) open end, (P) perf., screen, sd. pt., shored, other X

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) reverse percussion, (R) air rot., (T) reverse percuss., (V) driven, (W) drive wash, other H

Date Drilled: 9-7-2 Pump intake setting: \_\_\_\_\_ ft

Driller: Heardon-Horsman

Lift (type): (A) air, (B) bucket, (C) cent., (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., other S Deep  Shallow

Power (type): diesel, elec, nat, gas, gasoline, hand, gas, wind; H.P. 3/4 S Trans. or meter no. \_\_\_\_\_

Descrip. MP 223' (12/89) ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 220 Accuracy: 5

Water Level: \_\_\_\_\_ ft above MP; \_\_\_\_\_ ft below LSD Accuracy: 0.5

Date meas: 3-7-2 Yield: \_\_\_\_\_ gpm Method determined 5

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

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

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

B46

Well No. \_\_\_\_\_

Latitude-longitude \_\_\_\_\_  
N  
S  
d m s d m s

HYDROLOGIC DISTRICT

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03 Section: \_\_\_\_\_

COPI A S/D/H

Drainage Basin: \_\_\_\_\_

13E Subbasin: \_\_\_\_\_

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

MAJOR

AQUIFER:

system

series

K3

aquifer, formation, group

E2

Lithology:

3

Origin:

6

Aquifer

Thickness:

140

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

140

Depth to top of: \_\_\_\_\_ ft

310

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:

None

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:

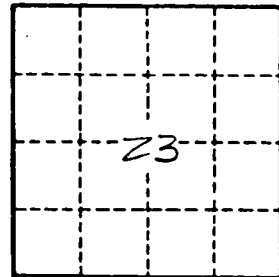
gpd/ft<sup>2</sup>

Spec cap:

gpm/ft

Number of geologic cards: \_\_\_\_\_

\_\_\_\_\_



Well No.

B 46

**CLAY**  
**B 46**  
**3-4-72**

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS

416 North State Street  
 Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

3-4 1972 Herndon-Homan Well & Supply, Inc. C/O  
 date well completed firm name  
 P. O. Box 42  
 SHANNON, MISSISSIPPI 38868 county well located

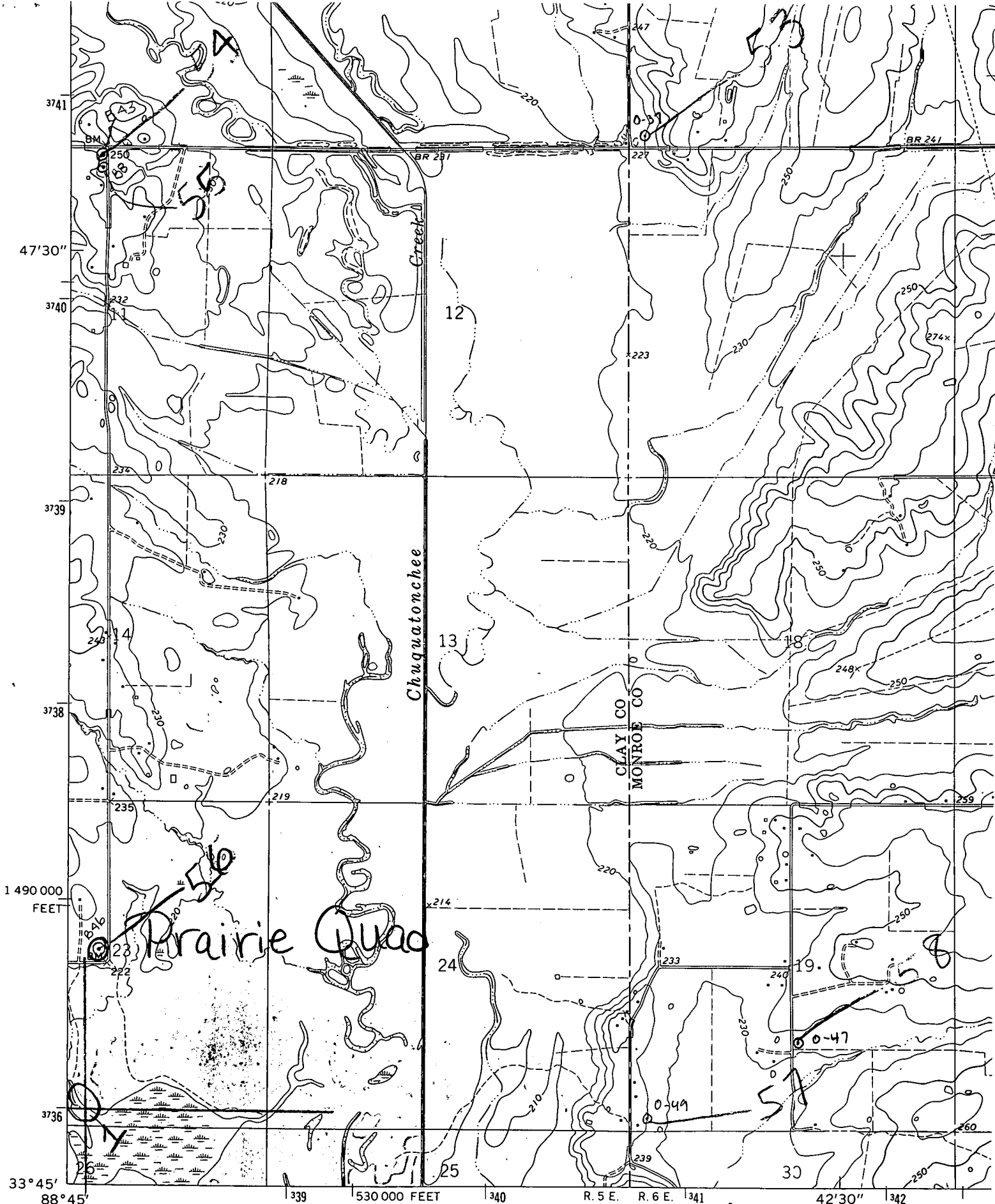
LANDOWNER:	description of formations encountered	from	to
JANNA Heard At Prairie Mills. (mailing address)			
WELL LOCATION: sec. 23 T. 15 N. R. 5 E 3 miles SE of UMA (distance) (direction) (nearest town)			
WELL PURPOSE: (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) 5			
(2) total depth (feet) 500			
(3) static water level (feet) 65 below top of ground.			
(4) casing (material) steel, (depth) 22' 6" (size) 5 if telescope see back.			
(5) screen (length) 20, (depth to top) _____ (size) _____ (material) _____			
(6) pump (HP) 3/4, (yield gpm) Electric (type power) _____			
(7) electric log (yes or no) No (organization running log) _____			
(8) how well bottom plugged Open			
DRILLERS REMARKS:			

**CONFIDENTIAL**

APR 7 1972

SHANNON MISSISSIPPI





1 490 000  
FEET

33° 45'  
88° 45'

530 000 FEET 340 R. 5 E. R. 6 E. 341 42' 30" 342

Mapped, edited, and published by the Geological Survey  
 Control by USGS and USC&GS  
 Topography by photogrammetric methods from aerial  
 photographs taken 1960. Field checked 1966  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on Mississippi coordinate system, east zone

1:62 500  
325' 111

