

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. Harrell Source of data Bowc Date 8/1/68 Map _____

State 28 County (or town) LEAKE 40

Latitude: 32⁵ 12² 2^N Longitude: 0⁸ 9³ 7⁰ 9⁹ Sequential number: 1

Lat-long accuracy: 3⁰ T. 12 S. R. 7 W. Sec 31, NE & NW

Local well number: B018AB3112NO7E Other number: _____

Local use: 147 Owner or name: Houston Carpenter

Owner or name: H. CARPENTER Address: Conway

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, Mad, 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) (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: USGS 74

Freq. sampling: _____ Pumpage inventory: yes 75 no, period: _____ 76

Aperture cards: _____ yes 77

Log data: on back 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 452 Meas. 24 3

Depth cased: (first perf.) _____ ft 344 Casing type: Galv. ; Diam. 2 in 29 30

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open perf., screen, sd. pt., shored, open hole, (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: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) rotary, (I) reverse trenching, (J) driven, (K) wash, (L) other, (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) H

Date Drilled: 4/68 968 Pump intake setting: _____ ft 36 38

Driller: _____ name _____ address _____

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, (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) J Deep 39 Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) other, (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) 3 Trans. or meter no. _____

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

Alt. LSD: _____ Accuracy: (source) 5

Water Level 73 ft above MP; Ft below LSD 73 Accuracy: _____ 52 D

Date meas: 468 Yield: 7 gpm 7 Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 66 68

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

Sp. Conduct _____ K x 10 6 Temp. _____ °F _____ Date sampled _____ 73 74 75 76 77 79

Taste, color, etc. _____

REPRODUCED FROM ORIGINAL RECORD

Well No. B 18

Well No. B18

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
 Drainage Basin: D 137 Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series TIE _____ aquifer, formation, group W.S

Lithology: _____ Origin: U.S _____ Aquifer Thickness: 6 ft

Length of well open to: _____ ft 67 Depth to top of: _____ ft 400

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: _____

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

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

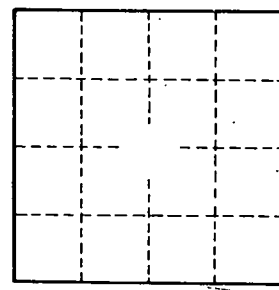
Surficial material: _____ Infiltration characteristics: _____

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

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

8 miles N/W of Carthage

Cased to 344', open to 452'
Black dirt 258-343'
Loak + shell 343-385'
Green sand 385-392'
Slate rock 392-400'
Green rd + shell 400-452'



Well No. _____

B18