

Abandoned

FORM 9-1642 (1-68)

Well No. D6

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH #19

MASTER CARD

Record by EWB Source of data \_\_\_\_\_ Date 10/56 Map \_\_\_\_\_  
 State \_\_\_\_\_ County Chickasaw (or town) 09  
 Latitude: 34° 00' 30" N Longitude: 088° 44' 48" W  
 Lat-long accuracy: 3 T 12 S 5 W Sec 26 NW SE  
 Local well number: 0006802612505E Other well number: WSP 576 #19

Local use: \_\_\_\_\_ Owner or name: City of Okolona (H&ORR)  
 Owner or name: OKOLONA Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Stand-by W

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

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: 1914 Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD *Well reworked*

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 400 Meas. rept accuracy 6  
 Depth cased: \_\_\_\_\_ ft 385 Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) other P

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

Date Drilled: before 1900 8:95 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: 1917 (reworked)  
 Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot., (S) submerg., (T) turb., other T Deep  Shallow

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 15  Trans. or meter no. \_\_\_\_\_

Descrip. MP OK (11/89) ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) topo 4

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

Date meas: 056 Yield: \_\_\_\_\_ gpm 150 Method determined \_\_\_\_\_

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

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm  
 Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

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

W.L. 8/14/87  
W.L. = 183.59

5/11/88  
W.L. = 161.0

Metal plate over concrete pump base  
MP = pump base @ 1.2'

1987  
W.L. = 160.9

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Latitude-longitude \_\_\_\_\_

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13C

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

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

Lithology: 5 Origin: 6 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 15 ft

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: 385-400 ft

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: \_\_\_\_\_

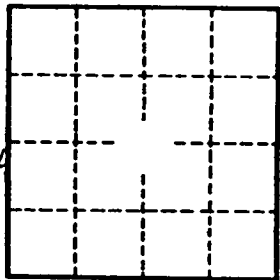
J.W  
78/11/8  
183 = J.W

89/1/1

Well orig drilled 1000' (960') 700 ft 8 inch  
300 10

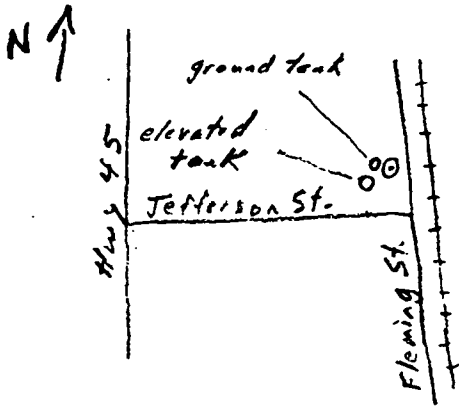
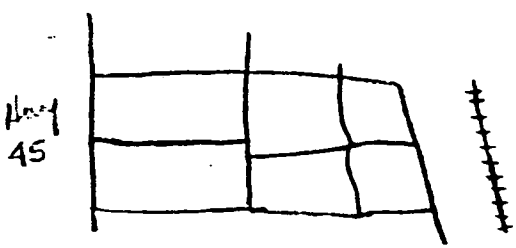
WL  
22 ft in 1914

Casing plugged at 400 ft and blasted-1917. Rebuilt WL then 87 ft. Depth was 389 ft. Cleaned in 1934 to 400 ft. Csg now perf about 385-400 ft



- 87 1917 *d. Rebuilt aquifer*
- 108.62 10/17/56 (MP=2.5)
- 103.41 12/4/58 *do.*
- 143.16 10/13/77
- 161.08 11/30/82

11/70 WL difficult to measure. can be pumped and possible test.



Well No. D6

9/23/85

161  
532  
155.69  
- 1.20  
154.49

29/84  
160  
5.95  
154.15  
- 1.20  
152.95

Observation Well

County CHICKASAW

Well No. \* D6  
340030088444801

Owner's Name Town of Okolona

Location OKOLONA  
(town)

(miles and direction from center of town)

Other description \_\_\_\_\_

Depth 400' Diameter 10" Date drilled 1895  
reworked 1934

Formation EUTAW

Elev. of lsd 307' Recorder F Type \_\_\_\_\_ No. \_\_\_\_\_

M.P. Concrete pump base at 1.20 <sup>above</sup> ft below lsd. Date 4/3/78

M.P. \_\_\_\_\_ at \_\_\_\_\_ <sup>above</sup> ft below lsd. Date \_\_\_\_\_

M.P. \_\_\_\_\_ at \_\_\_\_\_ <sup>above</sup> ft below lsd. Date \_\_\_\_\_

Special \_\_\_\_\_

Water Level 143. (1977)

Sketch of location \_\_\_\_\_ Sketch of well head \_\_\_\_\_

(plan to install recorder)

{ pump pulled off old well metal plate over well base }

