

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. A. Callahan Source of data WSP 576 Date 2-24-67 Map Highway 7 maps

State Miss County (or town) Jasper Sequential number: 1

Latitude: 32° 07' 45" N Longitude: 089° 14' 23" W

Lat-long accuracy: 2' T. 3' S, R. 10' W, Sec 2, SE NE

Local well number: E 0 0 3 D 4 0 2 0 3 N 1 0 E Other number: _____

Local use: _____ Owner or name: TOWN OF MONTROSE Address: Montrose Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) Rec, (S) Stock, Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other U

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

DATA AVAILABLE: Well data Freq. W/L meas.: 1/4 Field aquifer char.

Hyd. lab. data: _____

Qual. water data: type: Analysis #2 Page 240 WSP 576 USGS Complete 11-28-67

Freq. sampling: Irregular Pumpage inventory: no period: _____

Aperture cards: _____

Log data: Drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 380 ft Meas. 380 ft accuracy 6

Depth cased: (first perf.) 370 ft Casing type: steel Diam. 6 in

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

Method: (A) air bored, (B) cable, (C) dug, (D) jetted, (H) air percussion, (J) rotary, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 1905 Pump intake setting: 9.05 ft

Driller: _____ name _____ address _____

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

Power (type): diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 1hp Trans. or meter no. T

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

Alt. LSD: 418 Accuracy: (source) _____

Water Level: 115 ft above MP; Ft. below LSD 115 Accuracy: reported

Date meas: 1929 Yield: 60 gpm Method determined 60

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron .95 ppm Sulfate 99 ppm Chloride 56 ppm Hard. 346 ppm

Sp. Conduct 900 K x 10⁶ 4 Temp. 55 °F Date sampled 11-29-67 N 67

Taste, color, etc. PH = 7.3 CO2 = 19

Well No.

E 3

Well No. E3

Latitude-longitude 32 07 45^N 089 14 23^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 130 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) (S) hillside, terrace, undulating, valley flat 5

MAJOR AQUIFER: Tertiary, Eocene TE Cockfield C0
system series aquifer, formation, group

Lithology: Coarse Grained 45 Origin: pelvic 3 Aquifer Thickness: 80 ft

80 Length of well open to: 10 ft 10 Depth to top of: 370 ft 370

MINOR AQUIFER: _____ 45 aquifer, formation, group 46 47
system series

Lithology: _____ 48 49 Origin: _____ 50 Aquifer Thickness: _____ ft

51 53 Length of well open to: _____ ft 54 56 Depth to top of: _____ ft 57 59

Intervals Screened: 370-380

Depth to consolidated rock: _____ ft 60 63 Source of data: _____ 64

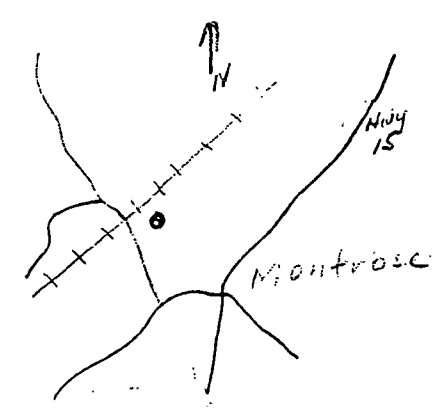
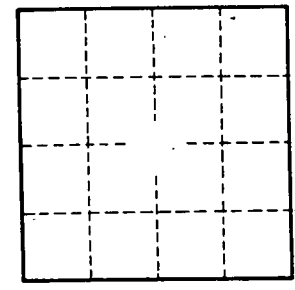
Depth to basement: _____ ft 65 68 Source of data: _____ 69

Surficial material: Silty sand 70 X Infiltration characteristics: Poor 72 4

Coefficient Trans: _____ gpd/ft 73 75 Coefficient Storage: _____ 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

35' screen.
 Rept daily usage (1955) 17,000 gallons/day
 111 WSP 576 P. 239. Home Lbr Co. well



Formation	thick	depth
Jackson Formation		
yellowish blue sand	60	60
Soapstone Clay	100	200
Thin sandstone	100	300
Lisbon formation of Oklahoma group		
Fine sand	70	370
Coarse sand	10	380
Hard stone and rock	100	480
Hard soapstone with lignite	200	680
has		
Mr. Oe. Hutto		

WELL NO. E3