

WRD Exp. (GW)  
April 1966

Well No. U20

WELL SCHEDULE

E-109 #40

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

CODED

MASTER CARD

Record by Newcome Callahane Grant Source Driller Driller + obs Date 10/27/67 4/7/66 Map 1:24,000 Long Lake Quad

State Miss. County Warren (or town) 7.5

Latitude: 32° 23' 26" N Longitude: 090° 53' 38" W Sequential number: 1

Lat-long accuracy: 1 T. 16 S. R. 3 W. Sec 3 SW 1/4 SW 1/4 NW 1/4

Local well number: J020CB0316N03E Other number: B & M

Local use: 002040 566 25 Owner or name: Anderson-Clayton Co

Owner or name: ANDERSON-CLAYTON Address: Paymaster Oil Mill

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

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

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

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: 0

Qual. water data; type: 0

Freq. sampling: 0 Pumpage inventory: 0 yes 0 no, period: 0

Aperture cards: 0 yes 0

Log data: Elec., Dr. D.E.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 135 ft Meas. 135 accuracy 6

Depth cased; (first perf.): 95 ft Casing type: 9.5 Diam. 14 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. open perf., screen, sd. pt., shored, open hole, other G

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air reverse trenching, (F) driven, (G) drive wash, (H) rot., (I) percussion, (J) rotary, other R

Date Drilled: 4/66 Reworked 8/67 9:66 Pump intake setting: 85' col. 21' tailpipe ft 106

Driller: R.E. Ratliff Grenada

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 T Deep 0 Shallow 40

Power (type): diesel, elec. gas, gasoline, hand, gas, wind; H.P. 100 Trans. or meter no. V

Descrip. MP 0 ft above LSD, Alt. MP 0 ft below LSD

Alt. LSD: 110 Accuracy: 110 (source) 3

Water Level: 32.4 ft above MP; Ft below LSD 32 Accuracy: A

Date meas: 1966 4:66 Yield: 2,000 gpm 2000 Method determined 4

Drawdown: 0 ft Accuracy: 0 Pumping period: 3 hrs

QUALITY OF WATER DATA: Iron 0 Sulfate 0 Chloride 0 Hard. 0

Sp. Conduct 0 K x 10 65 Temp. 65 Date sampled No sample 566

Taste, color, etc. 0

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

U20

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

J20

Latitude-longitude 32 23 27 <sup>N</sup> 090 53 39  
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: E Subbasin: 115L

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 F

MAJOR AQUIFER: system \_\_\_\_\_ series Q.G aquifer, formation, group Alluv. M.A

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 40 ft Depth to top of: 61 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: 95'-135'; 14", .060 Gravel-walled

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

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

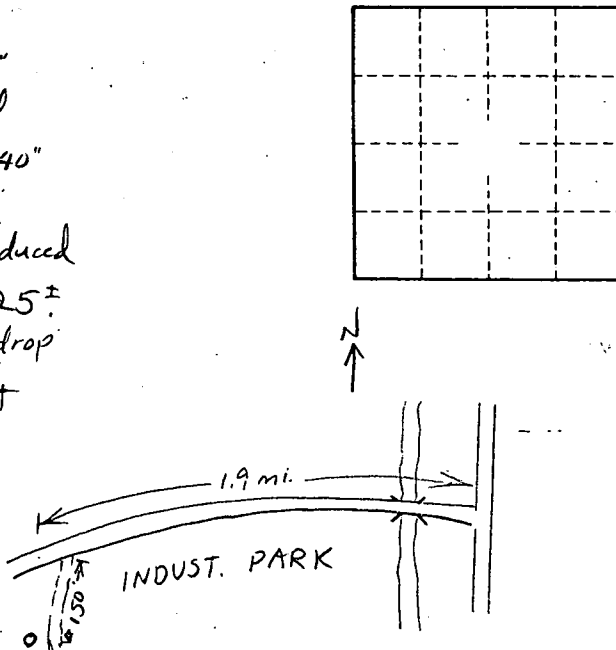
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: 140,000 gpd/ft Coefficient Storage: 5

Coefficient Perm: 1,950 gpd/ft<sup>2</sup>; Spec cap: 25 gpm/ft; Number of geologic cards: \_\_\_\_\_

Orig. well comp. 4/66, contained 80' of 20" csng with 42' of 12" csng telescoped (7' overlap), and 20' of 10" screen having .040" opening + gravel walled. Was drilled by reverse rotary. Produced 1,400 gpm + had spec. cap. of 25±. Reworked in 1967 because of drop in pumping level. Pumping test was made in first well.

Dr/ls. log  
 Top sd 0-25  
 Blucly 25-50  
 Sd 50-100  
 Fine grav. +sd 100-135  
 Wh. cly 135-196



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