

WRD Exp. (GW)
April 1966

Well No. D4

ID

311649091044701

WELL SCHEDULE

Log # 118

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD JAC

Record by P.E. Grantham Source of data Drill. & E Log Date 3/70 Map Crosby Quad

State Mississippi County Wilkinson

Latitude: 31 16 49 N Longitude: 09 10 47 W Sequential number: 1

Lat-long accuracy: 2 T. 4 S. 1 W. Sec 31, NE 1, NW 1, SE 1

Local well number: 0004803104NO1E Other number: New well #2

Local use: 064 Owner or name: Town of Crosby

Owner or name: CROSBY Address: Crosby, Miss

Ownership: (C) 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, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

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

Hyd. lab. data:

Qual. water data; type: USGS

Freq. sampling: Pumpage inventory: no, period:

Aperture cards:

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 843 BPV ft 807 Meas. rept accuracy 3

Depth cased: (first perf.) 757 ft 757 Casing type: Steel; Diam. 10x6 in 10

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

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

Date Drilled: 3-68 9 6 8 Pump intake setting: 36 ft 38

Driller: Layne Central Co. (Hood), Jackson, Miss

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 T Deep Shallow

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 25 V Trans. or meter no. 41

Descrip. MP T.O.C. 2.9 above ft below LSD, Alt. MP below

Alt. LSD: 165 1 1 6 5 Accuracy: (source) topo 5

Water Level: -64 ft above below MP; Ft above below LSD 61 Accuracy: D

Date meas: 8-13-68 8 6 8 Yield: 350 gpm 3 5 0 Method determined 61

Drawdown: 7 ft 7 Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron 9.6 ppm 7 Sulfate 0.5 ppm 5 Chloride 3.0 ppm 7 Hard. 28 ppm 72

Sp. Conduct 2 K x 10⁶ 2 Temp. 75 °F 2 4 0 Date sampled 2 7 0

Taste, color, etc. pH 6.7

10/29/81
70
10.58
59.42
3.0
56.42
866
165
56
109

Well No.

D4

Well No. D4

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: 1

D Drainage Basin: 14A Subbasin:

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: system series T M aquifer, formation, group M 2

Lithology: Origin: 3 Aquifer Thickness: ft

70 Length of well open to: ft 50 Depth to top of: ft 745

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: 757-807, 6", 8.5.

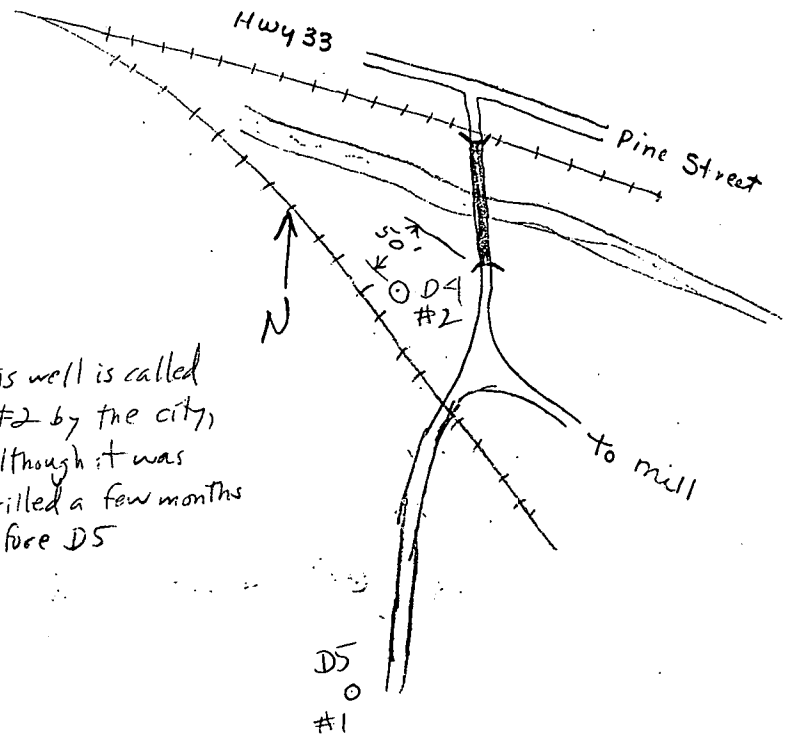
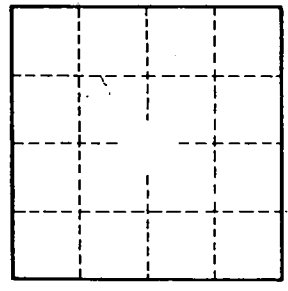
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

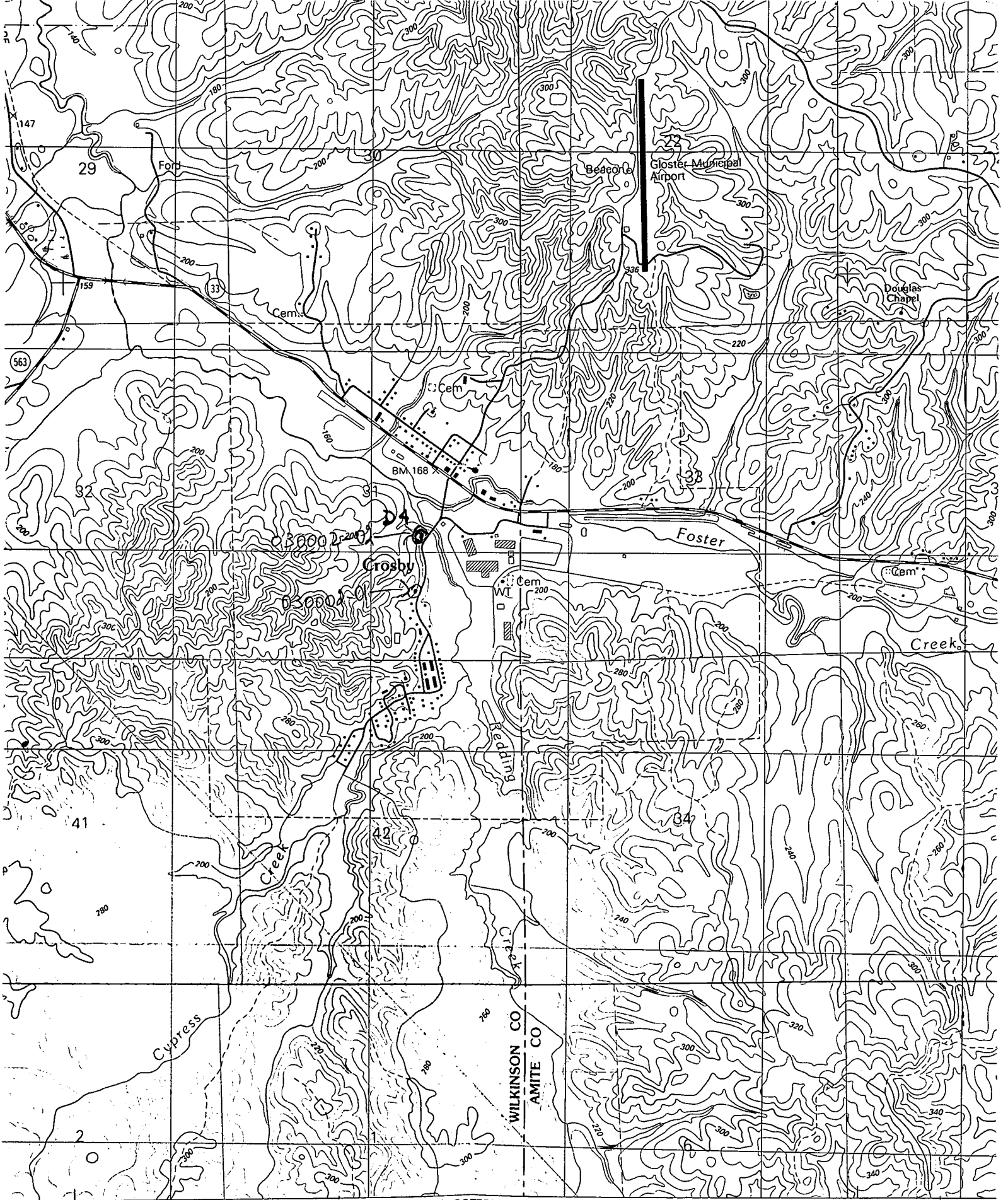
Coefficient Trans: 100,000 gpd/ft Coefficient Storage: 2.3 x 10⁻⁴ 235

Coefficient Perm: 1250 gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:



This well is called #2 by the city, although it was drilled a few months before D5

Well No. D4



WILKINSON CO
AMITE CO

GLOSTER
2746 II NE

SCALE 1:24 000

