

DOH # 0030002-01

305D

SITE ID-311649091033401 OK

WRD Exp. (GW)
April 1966

Well No.

D5

WELL SCHEDULE E 109 #119

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Driv. & E Log Date 5-20-68 Map Crosby Quad

State Mississippi County Wilkinson

Latitude: 31° 16' 49" N Longitude: 091° 10' 33" W Sequential number: 1

Lat-long accuracy: 2 T. 4 S. R. 1 Sec 31, NE 1/4, SW 1/4, SE 1/4

Local well number: D 005 D C 3 1 0 4 N 0 1 E Other number: New Well #1

Local use: OG 4 1 1 9 8 6 8 3 3 Owner or name: Town of Crosby

Owner or name: CROSBY Address: Crosby, Miss

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Irr, (H) Med, (I) P S, (J) Rec, (K) Stock, (L) Inact, (M) Unused, (N) Repressure, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data:

Qual. water data; type: USGS

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

Aperture cards: yes

Log data: E Log 41-841

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 834 BPV ft Meas. rept 828 accuracy 3

Depth cased: 778 ft Casing type: 10x6 in Diam. 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air, (H) reverse, (I) percuss, (J) rotary, (K) trenching, (L) driven, (M) drive wash, (N) other H

Date Drilled: 5-68 9-68 Pump intake setting: 36 ft 38

Driller: Layne Central Co. Jackson, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (curb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 25 Trans. or meter no. V

Descrip. MP T.O.C. 1.9 ft above LSD. Alt. MP 41

Alt. LSD: 200 Accuracy: 200 (source) 20 C.I.

Water Level: 77 ft above MP; Ft below LSD 75 Accuracy: 52

Date meas: 8-13-68 Yield: 868 gpm 350 Method determined 4

Drawdown: 8 ft Accuracy: 8 Pumping period: 4 hrs 4

QUALITY OF WATER DATA: Iron 8 ppm Sulfate 82 ppm Chloride 3.0 ppm Hard. 34 ppm

Sp. Conduct 180 K x 10⁶ Temp. 74 1/2 F Date sampled 2/18/70 270

Taste, color, etc. Field pH: 6.86.6 Hardness 34.2

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 **Section:** _____

Drainage Basin: D 19A **Subbasin:** _____

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 _____

MAJOR AQUIFER: TM MZ **system series aquifer, formation, group**

Lithology: US **Origin:** 3 **Aquifer Thickness:** _____ ft

Length of well open to: 80 ft **Depth to top of:** 778 ft

MINOR AQUIFER: _____ **system series aquifer, formation, group**

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: 90 ft **Depth to top of:** 745 ft

Intervals Screened: 778-828, 6", SS

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

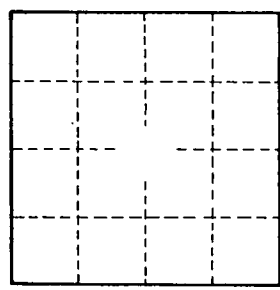
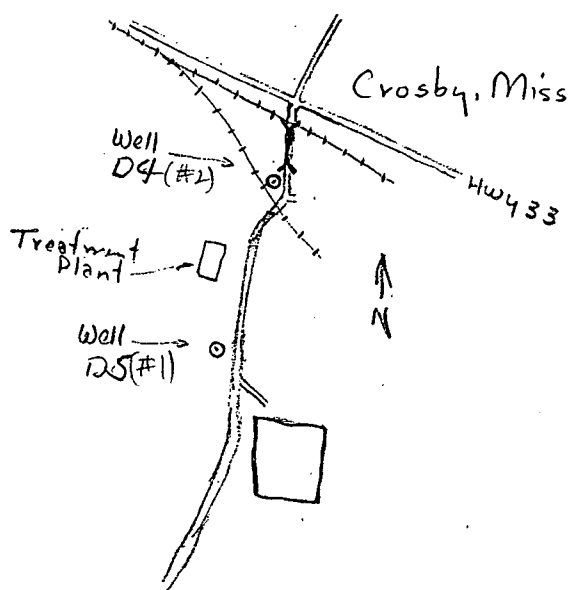
Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

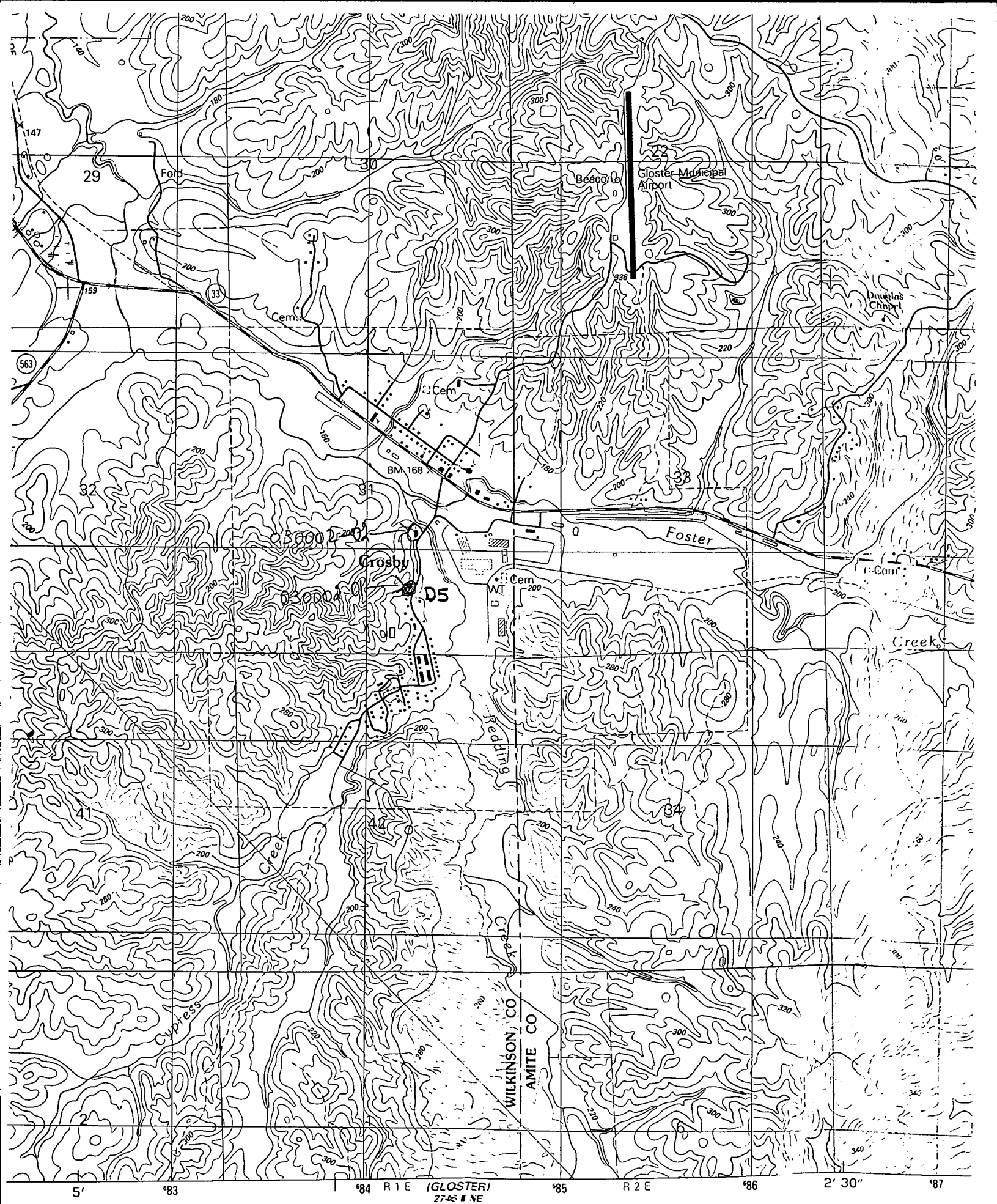
Coefficient Trans: 100,000 gpd/ft **Coefficient Storage:** 104 205

Coefficient Perm: 1250 gpd/ft²; **Spec cap:** 33 gpm/ft; **Number of geologic cards:** _____

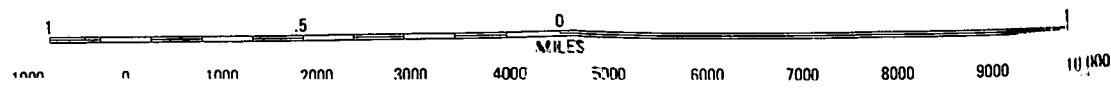
80% well efficiency



Well No. D5



SCALE 1:24 000



R 1 E (GLOSTER)
27-45 N E