

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by J. Callahan Source of data Driller Date 1-29-69 Map _____

State 28 County (or town) 7.5

Latitude: 32° 21' 00" N Longitude: 090° 44' 25" W Sequential number: 1

Lat-long accuracy: 5 T. 6 S. R. 5 E. Sec. 20 SW 1/4, SW 1/4, NW 1/4

Local well number: 4007CB2106N05W Other number: _____ B & M

Local use: 026 Owner or name: Bovina Water Club Inc

Owner or name: BOVINA WATER CLUB Address: _____

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

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) U

Use of well: (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) U

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

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:

Log data: E-log on well L13 80' away from L7

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 182 ft Meas. rept accuracy 3

Depth cased; (first perf.) 157 ft Casing type: Blk iron Diam. 8x6 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

Method drilled: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H

Date drilled: 8/1/65 965 Pump intake setting: _____ ft 38

Driller: Forest Drilling Co, Forest Miss

Lift (type): (A) (B) (C) (J) (M) (N) (P) (R) (S) (T) (Z) S Deep 5 Shallow 40

Power (type): nat LP 5 Trans. or meter no. 7

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

Alt. LSD: 260 Accuracy: (source) 3

Water Level 124 ft above MP; Ft below LSD 115 Accuracy: A

Date meas: 371 Yield: _____ gpm 38 Method determined 1

Drawdown: @ 38 gpm ft 12 Accuracy: _____ Pumping period mapu hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

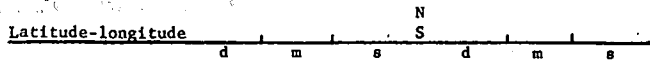
Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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Well No.

L7



HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD **19** Physiographic Province: 03 **20** **21** Section: _____

22 D **23** Drainage Basin: 15K **24** Subbasin: _____

25 (D) (C) (E) (F) (H) (K) (L) **26**
27 Topo of well site: (M) (P) (S) (T) (U) (V) _____ S

28 MAJOR **29** TM **30** CA **31**
 Aquifer: _____ system _____ series _____ aquifer, formation, group _____

32 US **33** Origin: 3 **34** 167 **35**
 Lithology: _____ Aquifer Thickness: _____ ft

36 67 **37** Length of well open to: _____ ft 25 **38** 25 **39** Depth to top of: _____ ft 117 **40**

41 MINOR **42** _____ **43** _____ **44** _____ **45** _____ **46** _____ **47** _____
 Aquifer: _____ system _____ series _____ aquifer, formation, group _____

48 _____ **49** _____ **50** _____ **51** _____ **52** _____ **53** _____ **54** _____ **55** _____ **56** _____ **57** _____
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

58 _____ **59** _____ **60** _____ **61** _____ **62** _____ **63** _____ **64** _____ **65** _____ **66** _____ **67** _____
 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

68 Intervals **69** _____ **70** _____ **71** _____ **72** _____
 Screened: 25' of 6" 157' to 182' 5' Reinforced Steel

73 _____ **74** _____ **75** _____ **76** _____ **77** _____ **78** _____ **79** _____
 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/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Top 10' of screen #10 slot
 Bot 15' " #12 slot.

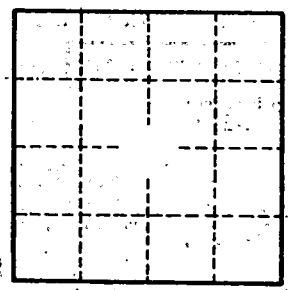
(Hole drilled to 204')

- 0-5.0 clay - silty } Loose
- 5.0-7.1 do } Loose
- 7.1-8.1 sand & gravel } Pleistocene
- 8.1-9.2 silt & stone sh. etc.
- 9.2-10.2 coarse sand & gravel } U.V.
- 10.2-11.7 clay
- 11.7-16.3 - Fine yellow sand
- 16.3-18.4 med gravel
- 18.4-100 clay

6' of lap. Lead seal
 158' of 8"

Pumped 80 gpm @ 60' req!

pH = 7.1
 AIC = 392
 CL = 20
 CO2 = 68
 Fe = 0
 TH = 360



Static WL 3/7/69
 120' below 15d
 Pumping level 139'

Pumping level 127.37 from
 GL 3/17/71
 Static level 115.15 from GL

158' 8"
 8