

WRD Exp. (GW)
April 1966

Well No. _____

L13 MAR 5 1975
Elog #95

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

BOWC

PUNCHED

Record by WTO Source of data Obs-driller Date 3/71 Map _____

State 28 County Warren (or town) 75

Latitude: 32^{deg} 21^{min} 01^{sec} N Longitude: 09^{deg} 04^{min} 42^{sec} 6^W Sequential number: 1

Lat-long accuracy: 2⁰ T. 16⁰ S. R. 5⁰ W. Sec 20, SW $\frac{1}{4}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$

Local well number: L013C82016NOSE Other number: _____ B & M

Local use: 282095 371-11 Owner or name: Bovina Water Club

Owner or name: BOVINA WATER CLUB Address: _____

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

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

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes

Log data: Elog 70'-120' D/E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft. 1187 Meas. rept _____ accuracy _____ 3

Depth cased; (first perf.) _____ ft. 162 Casing type: Steel; Diam. 4x4 in _____ 4

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

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

Date Drilled: Mar. 1971 971 Pump intake setting: _____ ft. 147

Driller: JACK GUINN JACKSON, MISS.

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 _____ (S) S Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. T

Descrip. MP T.O.C. 1.25 ft above below LSD. Alt. MP _____

Alt. LSD: _____ 260 Accuracy: (source) topo _____ 3

Water Level 118 ft above below MP; Ft below LSD 124 Accuracy: _____ D

Date meas: 3/19/71 371 Yield: _____ gpm 50 Method determined _____ 1

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 1

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

Sp. Conduct 750 K x 10 6 Temp. 180 Date sampled 371

Taste, color, etc. _____

PUNCHED

Well No.

L13

Well No. L13

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ Physiographic Province: 03 Section: _____

²² D Drainage Basin: 15K ^{23 25} Subbasin: _____ ²⁶

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

MAJOR AQUIFER: _____ system _____ series JM ^{28 29} aquifer, formation, group CA ^{30 31}

Lithology: 3S ^{32 33} Origin: 3 ³⁴ Aquifer Thickness: 700 ft

³⁵ 65 ³⁷ Length of well open to: _____ ft ³⁸ 25 ⁴⁰ Depth to top of: _____ ft 120 ^{41 43}

MINOR AQUIFER: _____ system _____ series _____ ^{44 45} aquifer, formation, group _____ ^{46 47}

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: 162-187' (.10) 4"

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

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

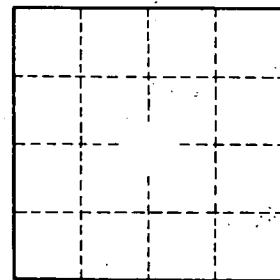
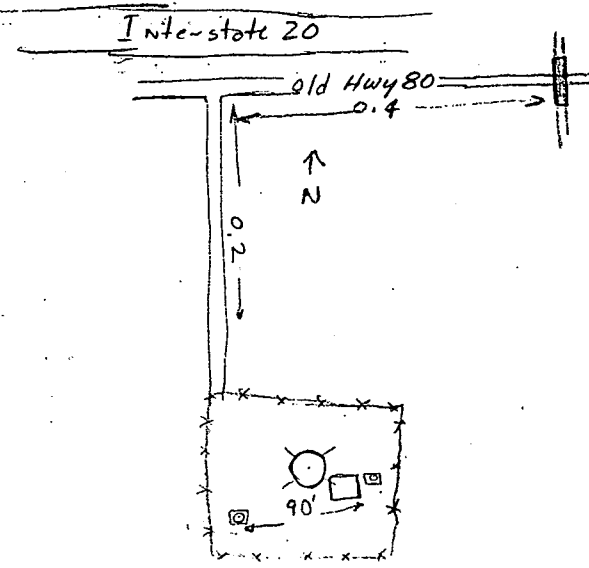
Surface material: _____ ^{70 71} Infiltration characteristics: _____ ⁷²

Coefficient Trans: 70000 gpd/ft 703 ^{73 75} Coefficient Storage: .004 404 ^{76 78}

Coefficient Perm: 1100 gpd/ft²; Spec cap: 11 gpm/ft; Number of geologic cards: _____ ⁷⁹

Pumped well L13; Observed wells L7 & L13

pH: 7.3
Alk: 408
Cl: 9.0
Co2: 45
Fe: 2.1
TH: 345



Well No.

L13