

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Bowc Date 2/69 Map _____

State 28 County (or town) Lauderdale 38

Latitude: 32^{deg} 24^{min} 15^{sec} N Longitude: 088^{degrees} 46^{min} 30^{sec} W Sequential number: 1

Lat-long accuracy: 3^{deg} 7^{min} 15^{sec} N, 33^{sec} W, NW, SW

Local well number: G0460C3307N15E Other number: _____ B & M

Local use: 160 Owner or name: _____

Owner or name: HORACE RUSSELL Address: R#5 MERIDIAN

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

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 H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (D) _____, (G) _____, (H) _____, (P) _____, (R) _____, (T) _____, (U) _____, (W) _____, (X) _____, (Z) _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes no

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 254 Meas. rept accuracy 3

Depth cased: (first perf.) 121 Casing type: _____; Diam. 4 in

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

Method: (A) air bore, (B) cable, (C) dug, (D) jetted, (E) air rot., (R) reverse percussion, (T) trenching, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 10/68 9:68 Pump intake setting: _____ ft

Driller: Williamson address _____

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 Deep Shallow 40

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; (LP) H.P. 1/2 5 Trans. or meter no. 5

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

Alt. LSD: 335 Accuracy: (source) 5

Water Level _____ ft above _____ ft below MP; _____ ft above _____ ft below LSD 38 Accuracy: _____

Date meas: 068 Yield: _____ gpm _____ Method determined _____

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

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

C46

Well No. _____

G46

Latitude-longitude _____

N
S
d m s d m s

HYDROGEOLOGIC CARD

19 SAME AS ON MASTER CARD

Physiographic Province: _____

20 21 03

Section: _____

22 D

Drainage Basin: _____

23 25 13 P

Subbasin: _____

26

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

MAJOR AQUIFER:

system

series

28 29 T E

aquifer, formation, group

30 31 W G

Lithology: _____

32 33 S

Origin: _____

34 3

Aquifer

Thickness: > 84 ft

35 37

Length of well open to: _____ ft

38 40

Depth to top of: _____ ft

41 43 170

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:

Depth to:

consolidated rock: _____ ft

60 63

Source of data: _____

64

Depth to:

basement: _____ ft

65 68

Source of data: _____

69

Surficial material:

70 71

Infiltration characteristics: _____

72

Coefficient Trans: _____

gpd/ft

73 75

Coefficient Storage: _____

76 78

Coefficient Perm: _____

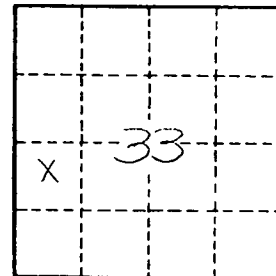
gpd/ft²

Spec cap: _____

gpm/ft

Number of geologic cards: _____

79



Well No. _____

G46