

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.D. Source of data BOWC Date 11-70 Map \_\_\_\_\_

State 28 County (or town) Lauderdale 38

Latitude: 32<sup>deg</sup> 19<sup>min</sup> 54<sup>sec</sup> N Longitude: 088<sup>degrees</sup> 53<sup>min</sup> 30<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 3<sup>70</sup> T. 6<sup>N</sup> S. R. 14<sup>E</sup> Sec 29 SE NE SW

Local well number: 4036AC2906N14E Other number: \_\_\_\_\_ B & M

Local use: 00B Owner or name: \_\_\_\_\_

Owner or name: CLAUDE SMYTHE Address: \_\_\_\_\_

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) (T) (U) (V) (W) (X) (Y) (Z) H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (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: \_\_\_\_\_ ft 280 Meas. rept accuracy 3

Depth cased; (first perf.) \_\_\_\_\_ ft 210 Casing type: Blk; Diam. \_\_\_\_\_ in 4

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, (C) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (S) (T) (U) (V) (W) (X) (Z) X

Method Drilled: (A) air rot, (B) bored, cable, dug, hyd rot, (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (W) (X) (Z) H

Date Drilled: 970 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: McDonald & Hill name address

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other, (L) (M) (N) (O) (P) (R) (S) (T) (U) (V) (W) (X) (Z) S Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) nat, (K) (L) (M) (N) (O) (P) (R) (S) (T) (U) (V) (W) (X) (Z) S Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

Water Level 28 ft above below MP; Ft above below LSD 28 Accuracy: \_\_\_\_\_

Date meas: 070 Yield: \_\_\_\_\_ gpm 6 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No. L36

Well No. L36

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

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

Drainage Basin: D 13P Subbasin: 26

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

MAJOR AQUIFER: T.F M.W  
system series aquifer, formation, group

Lithology: KS Origin: 2 Aquifer Thickness: 35 ft

Length of well open to: 35 ft Depth to top of: 45 ft

MINOR AQUIFER: KS 2  
system series aquifer, formation, group

Lithology: KS Origin: 2 Aquifer Thickness: 35 ft

Length of well open to: 35 ft Depth to top of: 45 ft

Intervals Screened: 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59

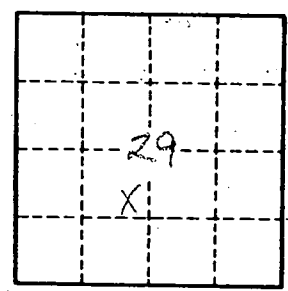
Depth to consolidated rock: 60 ft Source of data: 64

Depth to basement: 65 ft Source of data: 69

Surficial material: 70 Infiltration characteristics: 72

Coefficient Trans: 73 gpd/ft Coefficient Storage: 76

Coefficient Perm: 73 gpd/ft<sup>2</sup>; Spec cap: 73 gpm/ft; Number of geologic cards: 79



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