

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JCM Source of data BOWC Date 2-73 Map _____

State _____ County (or town) Lamar Sequential number: 37

Latitude: 31 20 4.6 N Longitude: 08 9 2.4 0.6 Sequential number: 1

Lat-long accuracy: 3 4 14 0 Sec 4 NE NE

Local well number: E174AA0404N14W Other number: _____

Local use: 161 Owner or name: _____

Owner or name: BILL KEALE Address: Hot Springs

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) P S, (N) Rec, (P) Stock, (T) Instat, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____ H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed _____ 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 300 Meas. 3

Depth cased: _____ ft 285 Casing type: Rlc ; Diam. _____ in 4

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (Z) open hole, other _____ 5

Method: (A) air bored, (B) cable, (C) dug, (D) hvd, (H) air percussion, (J) reverse, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other _____ H

Date Drilled: 9-7-3 Pump intake setting: _____ ft _____

Driller: Jennell name _____ 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 _____ 5 Deep Shallow

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

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

Alt. LSD: _____ Accuracy: (source) _____

Water Level: _____ ft above _____ ft below MP; _____ ft below LSD 98 Accuracy: _____

Date meas: 2-7-3 Yield: _____ gpm 30 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. _____

Well No.

E174

Well No. _____

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D **Drainage Basin:** _____ **13N** **Subbasin:** _____
22 23 25 26

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

MAJOR AQUIFER: _____ **TM** _____ **ME** _____
system series aquifer, formation, group
28 29 30 31

Lithology: _____ **R** **Origin:** _____ **3** **Aquifer Thickness:** _____ **55** ft
32 33 34

Length of well open to: _____ **ft** _____ **15** **Depth to top of:** _____ **ft** _____ **245**
35 37 38 40 41 43

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

Lithology: _____ **Origin:** _____ **Thickness:** _____ ft
48 49 50

Length of well open to: _____ **ft** _____ **Depth to top of:** _____ **ft** _____
51 53 54 56 57 59

Intervals Screened: **4" Plc**

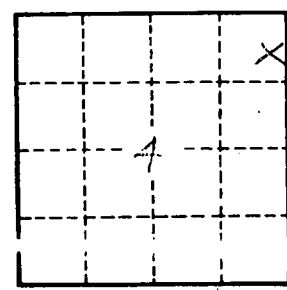
Depth to consolidated rock: _____ **ft** _____ **Source of data:** _____ **64**
60 63

Depth to basement: _____ **ft** _____ **Source of data:** _____ **69**
65 68

Surficial material: _____ **Infiltration characteristics:** _____ **72**
70 71

Coefficient Trans: _____ **gpd/ft** _____ **Coefficient Storage:** _____ **76** **78**
72 75

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



Well No. **E174**