P-W

SAFFORD MT GRAHAM GOLF COURSE
SE SE 22-7s-25e, GRAHAM CO. WW 08

32 x 8

File No. 8
11016 D

WATER WELL INFORMATION SHEET

County Graham.

Area

Well Owner Safford Mt. Graham Golf Course.

LOCATION

T 7s R 25E S 22	Quadrangle, District, and Field Number or Name	Miles West and South of Northeast Corner of Quadrangle
SE SE SE est 200 fs 300 fel		

Total Depth 2600	Elevation 3060 GL KB	Samples of Drill-Bit Cuttings and/or Cores No Yes Sample File No.

LOGS

Elec Logs	Lithologic	Driller's X

GEOLOGICAL

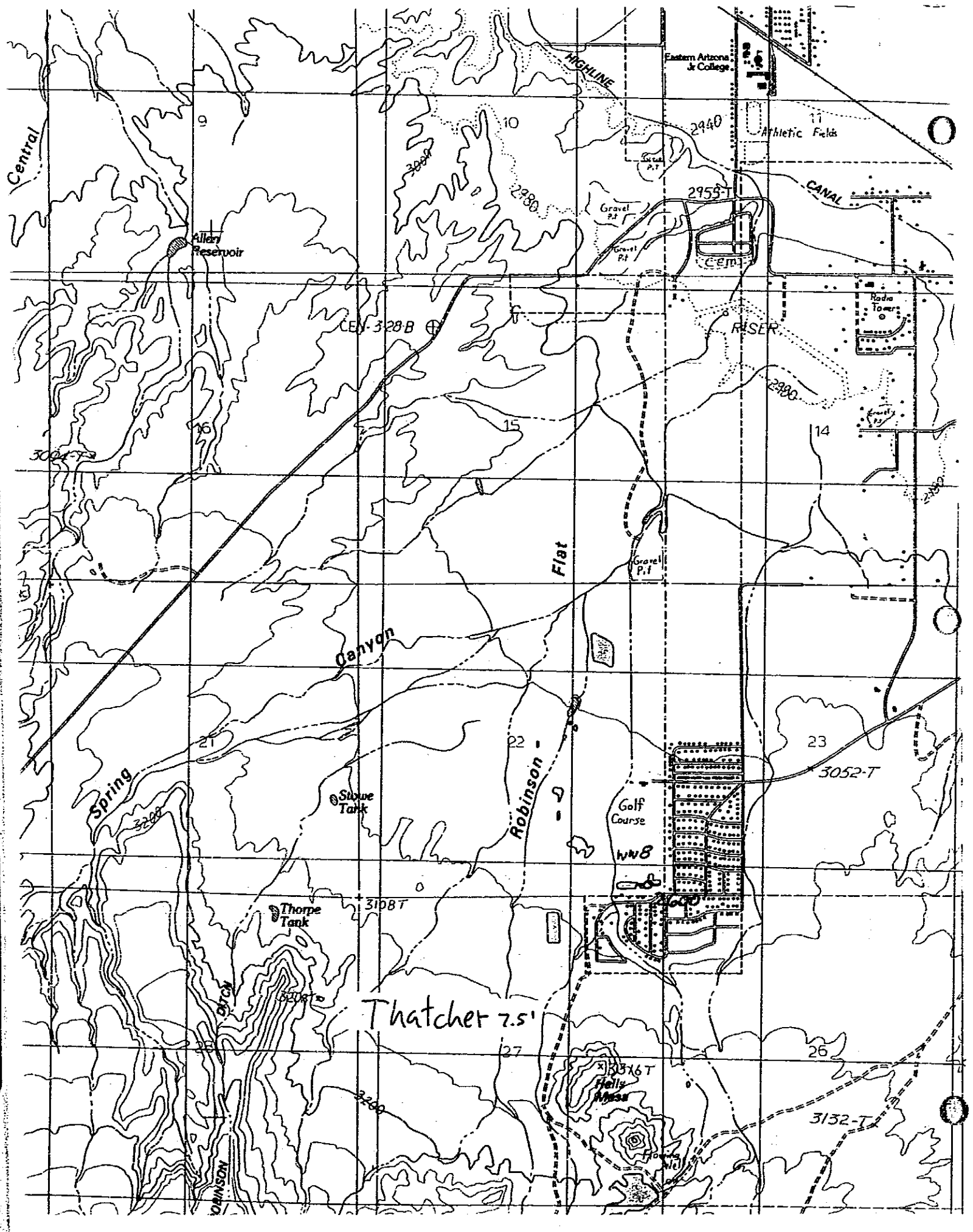
Formation Tops	Depth			Remarks
	Elec Logs	Lithologic	Driller's	
salt ?			1465-1780 ?	
Pre Cambrian? "quartz-gneiss"		2530?		

Source of Formation Top Data: *USGS.

GENERAL

*Total solids of water sample taken at 1250'. 120,000 ppm.
Dr. J. J. Wright. Am. Wtr. Resources Proceedings, 1971, p. 285: water temp. 99°-100° F. at 2180-2240.
*Another analysis, depth unknown. 288,372 ppm.

32 × 1



Central
Allen Reservoir
HIGHLINE
CANAL
Eastern Arizona Jr College
Athletic Fields
Gravel Pit
CEN-328-B
RISER
Radio Tower
Flat
Canyon
Spring
Robinson
Stowe Tank
Thorpe Tank
Golf Course
WW8
3052-T
3108T
3132-T
Thatcher 7.5'
Hells Mesa

32 × 1

WRD Exp. (GW)
April 1966

Well No. (D-7-25)22ddd
22-7s-25E

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY #8 — WATER RESOURCES DIVISION

MASTER CARD (G. Geiner 3/64)

Record by K. Vaughn — Source of data Obs. — Date 11/67 — Map Thatcher 15'

State Arizona 04 — County (or town) Graham 05

Latitude: 324809 N — Longitude: 1094602 — Sequential number: 1

Lat-long accuracy: 2 — T. 7 S, R 25 E, Sec 22, SE ¼, SE ¼, SE ¼ G&SR B&M

Local well number: D-07-25 22DDD — Other number:

Local use: SAP — Owner or name: City of Safford, Mt. Graham Golf Club

Owner or name: — Address:

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Mnd, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Dessl-P S, (Y) Dessl-other, (Z) Other — U

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

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

Log data: DRILLER'S — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 2600 ft — 2600 — Meas. rept — accuracy

Depth cased: (first perf.) ft — Casing type: ; Diam. 8 in — 8

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other

Date Drilled: — Pump intake setting: ft

Driller: Boyles Brothers

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, cent., (M) multiple, turb., (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other — Deep / Shallow D

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

Descrip. MP Top Casing N side 1.1 ft above/below LSD. Alt. MP

Alt. LSD: — Accuracy: (source)

Water Level 37.80 ft above/below MP; Ft above/below LSD — 37 — Accuracy: A

Date meas: 3-64 — 364 — 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 10^6 — Temp. °F — Date sampled

Taste, color, etc.

Well No. (D-7-25)22ddd

TIONAL G W FILE

32 × 1

(D-

#8 22-7s-25E ddd

DDH NO. ____ N ____ E

BEARING ____

DATE STARTED ____ DRILLING CO. ____

DATE COMPLETED ____

FINAL DEPTH ____

FOOTAGE				UNALT	CHLOR.	EPIDOTE	GEOLOGY	LOG BY
0	0	16	0				Silt - calcareous	AC
16	0	18	0				Sand - calcareous	
18	0	41	0				Sand with some siltstone	
41	0	60	0				Sand with some brown siltstone, clayey.	
60	0	500	0				Siltstone, grey to brown & calcareous.	
500	0	730	0				Siltstone (described by driller as "sticky clay") from 500'-730'. Grey to brown. From 730'-800' Silty clay calcareous	
730		800					Silty clay, calcareous	
800	0	981	0				Siltstone - limey, brown. Driller reports it sticky.	
981	0	1465	0				Siltstone - brown to grey. Calcareous. Some thin hard layers from 1270'-1360'.	
1465	0	1705	0				Siltstone with occasional hard layers. Mostly grey in color, calcareous. Minor encrustation of white salt on samples.	
1705	0	1780	0				"Hard mudstone" reported by driller. Samples almost entirely greyish siltstone with considerable salt encrustations, when dry. Minor quartz, subrounded. Some gypsum.	
1780	0	1828	0				"Very hard rock" reported by driller. Sample consists of siltstone with (minor quartz fragments) gypsum ? some sub-rounded. calcareous.	
1828	0	1835	0				"Hard rock" reported. Probable gypsum bed in silts. A few small quartz fragments. Calcareous.	
1835	0	1988	0				Siltstone - brownish, calcareous with some interbedded gypsum. Temperature up to 100°F.	
1988	0	2160	0				Siltstone - brown (with occasional light grey fragments). Calcareous. Rare quartz fragments. Temp. 99°F.	
2160	0	2282	0				Siltstones - brown with lighter fragments (grey). Calcareous Rare quartz fragments. Temp. 2181' 92°, 2220-98°, 2260'-99°.	
2282	0	2422	0				Siltstone - brown with lighter fragments predominating from 2355 - 2422. Temp. 2320'-96°, 2380'-98°, 2420'-100° Calcareous 2422.	
2422	0	2483	0				Hard layer 2420'-2430' - considerable gypsum in grey siltstone. Calcareous. Some medium hard layers in similar siltstone also gypsum. Rare quartz fragments.	
2483	0	2515	0				Brown & grey siltstone. Calcareous.	
2515	0	2535	0				Probable bedrock - cored 2530'-2535'. ~~Quartz gneiss.~~ Potash Granite	

WATER ANALYSES

G.C. 1

	Sample # G.C.-1	G. C. -4
Total Soluble Salts	288,372	29,598
Chlorides	168,200	16,680
pH	7.4	7.9

32 ×