

WELL SCHEDULE E-LOG #7

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C.D. Source of data MSGW Date 11 Map 9.5

State 4 County (or town) MONROE 7

Latitude: 33° 43' 38" N Longitude: 088° 27' 03" W Sequential number: 14

Lat-long accuracy: 30' T 150' S R 18' E Sec 29, NW t, SW t B & M

Local well number: C10233C291551EW Other number: #1

Local use: 4007 N63 70 Owner or name: AMERICAN Pkash

Owner or name: KERR-MEGEE Address: Harrison

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

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

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

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 1 Field aquifer char. 2

Hyd. lab. data: 1

Qual. water data: Type: 1

Freq. sampling: 1 Pumpage inventory: 1 yes 1 no 1 period: 1

Aperture cards: 1

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 422 ft Meas. 1 accuracy 1

Depth cased; (first perf.): 377 ft Casing type: 16x10 in Diam. 1.6

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

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

Date Drilled: 9.5.7 Pump intake setting: 1 ft 1

Driller: J

Lift (type): (A) air, (B) bucket, (C) cent. jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other (T) Deep 1 Shallow 1

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. (V) Trans. or meter no. 1

Descrip. MP 1 above 1 ft below LSD, Alt. MP 1

Alt. LSD: 215 Accuracy: (source) 5

Water Level: 86 ft above 1 below HP, Ft above 1 below LSD Accuracy: 1

Date meas: 6/24/69 6:6:9 Yield: 1120 gpm Method determined 1

Drawdown: 1.4 ft Accuracy: 1 Pumping period 100 hrs 1

QUALITY OF WATER DATA: Iron 1 Sulfate 1 Chloride 1 Hard. 1

Sp. Conduct 1 K x 10⁶ Temp. 64 °F Date sampled 1

Taste, color, etc. 1

PUNCHED

Well No.

Well No. Q 28

Latitude-longitude N
S
d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 05 Section: _____

Drainage Basin: 131L Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 376' to 423' aquifer, formation, group GØ

Lithology: U.S. Origin: 2 Aquifer Thickness: _____ ft

100 Length of well open to: _____ ft 45 Depth to top of: _____ ft 325

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

 Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: Infiltration characteristics: _____

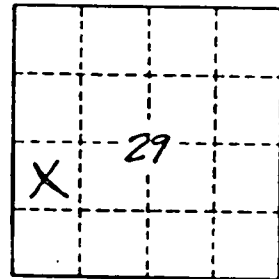
Coefficient Trans: 314,000 gpd/ft 314 Coefficient Storage: _____

Coefficient Perm: 3100 gpd/ft²; Spec cap: 70 gpm/ft; Number of geologic cards: _____

Orig WL till 1957
 47.8 11/13/63

T.H. drilled to 611 ft. Natural flow about 600 gpm.

note: Jan. 29, 1959 - plant has 4 wells, each 16" diam w/ 10" screens. Depths range from 405' to 427' & rated pump at 1,000 gpm each. Each well found naturally 500-800 gpm. Drawdown varied from 30 to 60 ft. in different wells.



Drillers log on old well record.

Sand 350-367'
 coarse sand & sand & gravel 376'-423' (main Gordo aquifer)
 423'-611' mostly clay w/ some sand beds
 They call this "lower Tusc". Could be Paleozoic?