GW269

Hamilton

FORM 9-1642
(1-68)

Well No. Q 49

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by JCM Source of data BOWC Date 9-71 Map

State 28 County (or town) Monroe 48

Latitude: 33 43 54 N Longitude: 088 27 03 Sequential number: 6

Lat-long accuracy: 3 T 15 S R 18 W Sec 29 SW ¼, NW ¼, SW ¼, ____ ¼

Local well number: Q 049 BC 29 15S 1.8W Other number: #6 B & M

Local use: 064 Owner or name: Form American Potash

Owner or name: KERR MCGEE Address: ____

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

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

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

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

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: ____ Pumpage inventory: yes / no, period: ____

Aperture cards: yes ____

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ____ ft 427 Meas. rept ____ accuracy 3

Depth cased; (first perf.) ____ ft 382 Casing type: ____ ; Diam. 16 in 16

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

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 ____ H

Date Drilled: ____ 962 Pump intake setting: ____ ft ____

Driller: Layne (name), ____ (address)

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 T Deep ____ Shallow ____

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

Descrip. MP 210 ft above below LSD, Alt. MP ____

Alt. LSD: ____ 215 Accuracy: (source) ____ 5

Water Level ____ ft above below MP; Ft above below LSD 27 Accuracy: ____ D

Date meas: ____ 362 Yield: ____ gpm 200 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. Q-49

Well No. _____

Latitude-longitude N S d m s d m

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section: _____

D (22) Drainage Basin: 134 (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system _____ series K3 (28–29) _____ aquifer, formation, group G0 (30–31)

Lithology: _____ 05 (32–33) Origin: 2 (34) Aquifer Thickness: 81 ft

_____ (35–37) Length of well open to: _____ ft 145 (38–40) Depth to top of: _____ ft 363 (41–43)

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: 1011

Depth to consolidated rock: _____ ft _____ (60–62) 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)

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Well No. 2-47

GPO 937-142