FORM 9-1642
(1-68)

Well No. B-78

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

AUG 6

MASTER CARD

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

State 28 County (or town) Pontotoc 58

Latitude: 34 17 58 N (deg min sec) Longitude: 089 08 01 (degrees min sec) Sequential number: 1

Lat-long accuracy: 5 T. 9 S R. 2 W, Sec. 18, ¼, ¼, ¼

Local well number: B078 1809502E Other number: B & M

Local use: 027 Owner or name:

Owner or name: PHILLIPS WALLS Address: Thaxton

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) Irr, (I) Med, (M) Ind, (N) P S, (P) Rec, (R) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other H

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, (X) 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:

Log data: yes D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 385 Meas. rept accuracy 3

Depth cased: (first perf.) ft 84 Casing type: Steel; Diam. in 4

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

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

Date Drilled: 971 Pump intake setting: ft

Driller: J W Webb (name), (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1 5 Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: Accuracy: (source)

Water Level ft above below MP; Ft above below LSD 77

Date meas: 871 Accuracy: D

Yield: gpm b 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. B-78

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PUNCHED

HYDROLOGIC CARD

Latitude-longitude d m s N S d m s

SAME AS ON MASTER CARD 19

AUG 6 1973

Physiographic Province: 0 3 (20 21) Section:

D (22) Drainage Basin: 1 5 F (23 25) Subbasin: (26)

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

MAJOR AQUIFER: system, series (28 29) aquifer, formation, group (30 31)

Lithology: (32 33) Origin: (34) Aquifer Thickness: 94 ft

(35 37) Length of well open to: ft 94 (38 40) Depth to top of: ft 291 (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:

Depth to consolidated rock: ft (60 63) 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/ft^2; Spec cap: gpm/ft; Number of geologic cards: 79

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GPO 937-142