FORM 9-1642
(1-68)

Well No. M 420

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by: B. D. | Source of data: BOW | Date: 2-71 | Map

State: 28 | County (or town): Harmon | 29

Latitude: 30 23 57 N | Longitude: 099 56 15 W | Sequential number: 1

Lat-long accuracy: 3 | T 7 N | R 10 W | Sec 25 SE¼ SE¼ SW¼

Local well number: M420 DC 25 07S 10W | Other number: | B & M

Local use: 239 | Owner or name:

Owner or name: L L HAMMOND | Address: Quanah

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) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Z) Desal-other, 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: | 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 30 | Meas. rept accuracy: 3

Depth cased (first perf.): ft 20 | Casing type: Galv. | Diam.: 1¼ in 1

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shored, (T) 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: 9 7 0 | Pump intake setting: ft

Driller: McGill (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 | Deep | Shallow

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. ½ | 5 | Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 25 | Accuracy (source): 5

Water Level 3 ft above below MP; Ft above below LSD 3 | Accuracy: D

Date meas: 9 7 0 | Yield: gpm 12 | 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.

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Latitude-longitude d m s N S d m s

HYDROGEOLOGIC CARD

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

D (22) Drainage Basin: 135 (23–25) Subbasin: (26)

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

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

Lithology: 45 (32–33) Origin: 2 (34) Aquifer Thickness: 27 ft

Length of well open to: (35–37) ft Depth to top of: 10 (38–40) ft 3 (41–43)

MINOR AQUIFER: system series A (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

Length of well open to: (51–53) ft Depth to top of: (54–56) ft (57–59)

Intervals Screened: Sec 1/4 15.5,

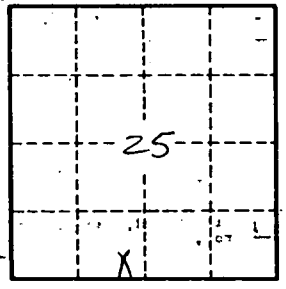
Depth to consolidated rock: ft (60–63) Source of data: (64)

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