WRD Exp. (GW)
April 1966

Well No. J 20
E-log #90

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by ____ Source of data ____ Date ____ Map ____

State: Miss [28] County (or town): Lamar [37]

Latitude: 31 08 49 N [1] Longitude: 089 34 22 [12] Sequential number: 5 [19]
(deg 7 min 9 sec 11)

Lat-long accuracy: 2 [20] T. 2 N S, R 16 W E Sec 14, NW¼, SE¼, NE¼

Local well number: J 020 D A 1 4 02 N 16 W [24] Other number: B & M HT-7

Local use: X 52 [35] Owner or name: Atomic Energy Comm

Owner or name: USAEC [32] Address: Las Vegas, Nevada

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — [67] F

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 — [68] U

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 — [69] Φ

DATA AVAILABLE: Well data [70] Freq. W/L meas.: ____ [71] I Field aquifer char. [72]

Hyd. lab. data: ____ [73]

Qual. water data; type: USGS [74] M

Freq. sampling: ____ [75] I Pumpage inventory: yes / no, period: ____ [76]

Aperture cards: ____ yes [77]

Log data: See also e-log 87 [78 79] E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD [1 19] Depth well: ____ ft [20 23] 860 Meas. ____ rept accuracy [24] L

Depth cased; (first perf.) ____ ft [25 28] 810 Casing type: Iron; Diam. 8 5/8 in [29 30] 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other ____ [31] S

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 ____ [32] H

Date Drilled: 9 63 [33 35] Pump intake setting: ____ ft [36 38]

Driller: Century Geophysical (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 ____ [39] Deep / Shallow [40]

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ [41] Trans. or meter no. ____

Descrip. MP ____ ft above/below LSD. Alt. MP ____

Alt. LSD: ____ 265 [42 45] Accuracy: (source) Inst. [47] 1

Water Level ____ ft above/below MP; Ft above/below LSD 107 [48 51] Accuracy: ____ [52] A

Date meas: 6 64 [53 55] Yield: ____ gpm [56 60] Method determined [61]

Drawdown: ____ ft [62 64] Accuracy: ____ [65] Pumping period ____ hrs [66 68]

QUALITY OF WATER DATA: Iron ____ ppm [69] Sulfate ____ ppm [70] Chloride ____ ppm [71] Hard. ____ ppm [72]

Sp. Conduct ____ K x 10^6 [73] Temp. ____ °F [74 76] Date sampled ____ [77 79]

Taste, color, etc. ____

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Latitude-longitude N S
d m s c m s

HYDROGEOLOGIC CARD

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

D (22) Drainage Basin: 13V (23–25) Subbasin: ____ (26)

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

MAJOR AQUIFER: ____ system, ____ series TM (28–29) ____ aquifer, formation, group CA (30–31)

Lithology: ____ 45 (32–33) Origin: ____ 3 (34) Aquifer Thickness: 40 ft

40 (35–37) Length of well open to: ____ ft 40 (38–40) Depth to top of: ____ ft 818 (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: 810' - 830' 840 - 860

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

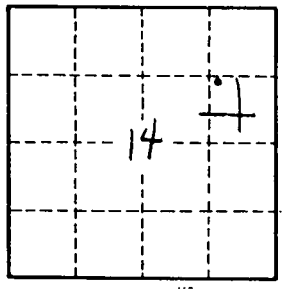
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

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)

Hydrologic Test Well # 7



Well No. J 20

GPO 857-700