

WRD Exp. (GW)
April 1966

Well No. J 3 (UIC)

WELL SCHEDULE

E-1073

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by _____ Source of data _____ Date _____ Map _____

State Miss 28 County (or town) Lamar 37

Latitude: 310856^N Longitude: 0893334 Sequential number: 3

Lat-long accuracy: 2 T. 2 S, R 16 E Sec 12, NW $\frac{1}{4}$, NW $\frac{1}{4}$, SE $\frac{1}{4}$

Local well number: J 0 0 3 B D 1 2 0 2 N 1 6 W Other number: HT-1(3)

Local use: 064 Owner or name: Atomic Energy Comm.

Owner or name: U.S.A.E.C. Address: Las Vegas, Nevada

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

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

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

DATA AVAILABLE: Well data Freq. W/L meas.: I Field aquifer char. 7

Hyd. lab. data: _____

Qual. water data; type: USGS Partial + Complete

Freq. sampling: I Pumpage inventory: no, period: _____

Aperture cards: _____

Log data: GE

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1310 Meas. 6

Depth cased: (first perf.) 1230 Casing type: iron; Diam. 3 1/2 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other P

Method Drilled: (A) air rot, (B) bored, cable, dug, hyd rot., (C) jetted, (D) air percussion, (E) reverse trenching, (F) driven, (G) wash, (H) other H

Date Drilled: 961 Pump intake setting: _____

Driller: Layne Central, Jackson

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

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

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

Alt. LSD: 306 Accuracy: (source) inst.

Water Level: _____ above ft below MP; _____ above LSD Accuracy: _____

Date meas: 564 Yield: _____ gpm 160 Method determined 1

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Well No. 43

Well No. J3

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 13V Subbasin: _____

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

MAJOR AQUIFER: TM system series CA aquifer, formation, group

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: 9.5 ft Depth to top of: 8.0 ft 422

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: 1230' - 1310'

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

Depth to basement: _____ ft Source of data: _____

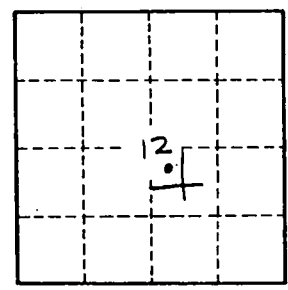
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 692 gpd/ft Coefficient Storage: _____

Coefficient Perm: 73 gpd/ft²; Spec cap: 4.3 gpm/ft; Number of geologic cards: _____

AEC - Tatum dome

Hydrologic Test well #1, Aquifer 3



Well No.

J3