

WRD Exp. (GW)
April 1966

Well No. J.12 (J4e)
Log #72

WELL SCHEDULE

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: 310749 N 0893758 Longitude: 5 Sequential number: 5

Lat-long accuracy: 2 T. 2 S. R. 16 Sec. 14, NE, SW, SW

Local well number: J012CC1402N16E Other number: HT-2(5)

Local use: 064 Owner or name: Atomic Energy Comm

Owner or name: USIAEC 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. U

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

Hyd. lab. data:

Qual. water data; type: USGS

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

Aperture cards:

Log data: E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2618 ft Meas. rept accuracy 4

Depth cased: (first perf.) 2435 ft Casing type: IRON; Diam. 3 1/2 in 3

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

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

Date Drilled: 961 Pump intake setting: _____ ft

Driller: Layne Central, Jackson

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other Deep Shallow 40

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

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

Alt. LSD: 295 Accuracy: (source) 10st 1

Water Level: ft above below MP; ft above below LSD 52 Accuracy: 52 A

Date meas: 065 Yield: _____ gpm 3 Method determined 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 68

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

Sp. Conduct 67 K x 10⁶ Temp. _____ °F Date sampled 2-63 79

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. J.12

Well No. J 12

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) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat S

MAJOR AQUIFER: _____ system _____ series TE _____ aquifer, formation, group CK

Lithology: _____ 6L Origin: _____ 6 Aquifer Thickness: _____ ft

209 Length of well open to: _____ ft 181 Depth to top of: _____ ft 842

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: 2420-2610

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

Depth to basement: _____ ft _____ Source of data: _____

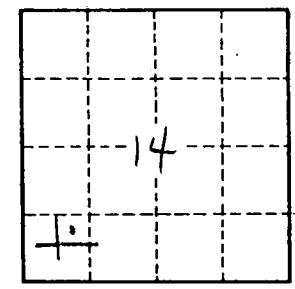
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: 10 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

AEC - Tatum dome
Hydrologic Test Well #2, Aquifer 5

HT-2
2m



Well No. J 12