

WRD Exp. (GW)
April 1966

Well No. J 15
See e-log 72+86

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLL-UP COMPUTATION BRANCH

MASTER CARD

Record by _____ Source of data _____ Date _____ Map _____

State Miss County 28 (or town) Lamar 37

Latitude: 310749N Longitude: 089345W Sequential number: 1

Lat-long accuracy: 2 T. 20 S. R. 16 Sec. 14, NE. SW, SW

Local well number: J015CC1402N16W Other number: HT-2c B & M W

Local use: 064 Owner or name: Atomic Energy Comm

Owner or name: USAEC 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, (U) Unused, Repressure, Recharge, Desal-P S, Desal-other U

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

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

Hyd. lab. data: _____

Qual. water data; type: USGS

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

Aperture cards: _____

Log data: E-log 72 200' NW + E-log 86 160' SE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 366 ft Meas. 4

Depth cased: 344 ft Casing type: IRON; Diam. 6 5/8 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other S

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

Date Drilled: 9:61 Pump intake setting: _____ ft

Driller: Payne Central

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 T Deep Ø Shallow Ø

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

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

Alt. LSD: 294 Accuracy: Inst

Water Level: _____ ft above MP; 131 ft below LSD Accuracy: _____

Date meas: 7:63 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct _____ K x 10⁶ Temp. 71 °F Date sampled 5-61 561

Taste, color, etc. _____

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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: _____

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp,
well site: (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: _____ system series T.M aquifer, formation, group M.Z

Lithology: U.S Origin: 3 Aquifer Thickness: 62 ft

62 Length of well open to: _____ ft 22 Depth to top of: _____ ft 340

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: 344'-366'

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

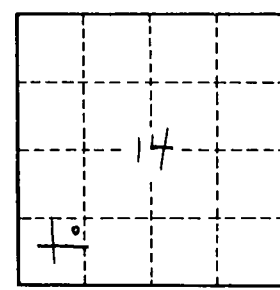
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Layne Central Water Supply Well
HT-2c



Well No.

J15