

WELL SCHEDULE

Log #85

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 Lamar 37
(or town)

Latitude: 31^{deg} 08^{min} 58^{sec} N Longitude: 089^{deg} 33^{min} 38^{sec} W Sequential number: 1

Lat-long accuracy: 2⁰ T. 2⁰ S. R. 16⁰ Sec 12, NE $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$

Local well number: J006AC1202N16W Other number: HT-1a ^{B & M}

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, Unused, (V) Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, (P) Oil-gas, Recharge, Test, (U) Unused, Withdraw, Waste, Destroyed 4

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

Hyd. lab. data: _____

Qual. water data; type: USGS Partial + Complete

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

Aperture cards: _____ yes I

Log data: GE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1096 ft Meas. rept accuracy 6

Depth cased: (first perf.) _____ ft 868 Casing type: Iron; Diam. 103/4 in 10

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

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

Date Drilled: 9:6:1 Pump intake setting: _____ ft _____

Driller: Layne Central Jackson

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 2 Trans. or meter no. T

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

Alt. LSD: 283 Accuracy: Inst I

Water Level: _____ ft above below MP; _____ ft above below LSD Accuracy: 110 A

Date meas: 5:6:4 Yield: _____ gpm 48 Method determined I

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. J6

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 137 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 TM aquifer, formation, group MZ

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

250 Length of well open to: _____ ft 118 Depth to top of: _____ ft 850

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: 868' - 925' + 1029' - 1090'

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

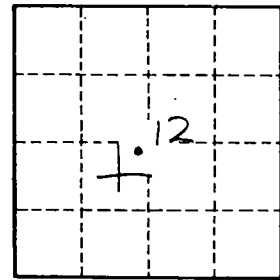
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: 7.4 gpm/ft; Number of geologic cards: _____

Hydrologic Test Well 1a - Observation well #1



Well No. J6