

WRD Exp. (GW)  
April 1966

Well No. J19 (J11)  
See e-log #90

### WELL SCHEDULE

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

#### MASTER CARD

Record by \_\_\_\_\_ Source of data \_\_\_\_\_ Date \_\_\_\_\_ Map \_\_\_\_\_

State Miss County 28 (or town) Lamar 37

Latitude: 310849N Longitude: 0893422 Sequential number: 4

Lat-long accuracy: 2 T. 2 S. R. 16 E. Sec. 14, SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , NE  $\frac{1}{4}$

Local well number: J1019AA1402N16W Other number: HT-6

Local use: X52 663 1.0 Owner or name: Atomic Energy Comm

Owner or name: U.S. AEC Address: Las Vegas, Nevada

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Ind, (P) S, (R) Rec, (S) Stock, (T) Inst, (U) Unused, (V) Recharge, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other \_\_\_\_\_ 4

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed \_\_\_\_\_ 0

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: USGS

Freq. sampling:  Pumpage inventory: yes \_\_\_\_\_ no: period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes \_\_\_\_\_

Log data: See also e-log 87

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 762 Meas. \_\_\_\_\_ 6

Depth cased: (first perf.) \_\_\_\_\_ ft 732 Casing type: Iron ; Diam. 8 5/8 in \_\_\_\_\_ 8

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

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

Date Drilled: 9:6:3 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ 38

Driller: Century Hydrophysical

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

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

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) Inst \_\_\_\_\_ 1

Water Level \_\_\_\_\_ ft above \_\_\_\_\_ below MP; Ft below LSD 112 Accuracy: \_\_\_\_\_ A

Date meas: \_\_\_\_\_ 6:6:7 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ 100 Method determined \_\_\_\_\_ 4

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 2.4

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ 84 Date sampled \_\_\_\_\_ 3-64 \_\_\_\_\_ 3:6:4

Taste, color, etc. \_\_\_\_\_

PUNCHED AND VERIFIED  
ROLLA COMPUTATION BRANCH

WELL NO. 1

19

Well No. J19

Latitude-longitude \_\_\_\_\_ N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13V

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (F) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system \_\_\_\_\_ series TM aquifer, formation, group M2

Lithology: US Origin: 3 Aquifer Thickness: 50 ft

Length of well open to: 45 ft Depth to top of: 30 ft 738 ft

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: 732' - 762'

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

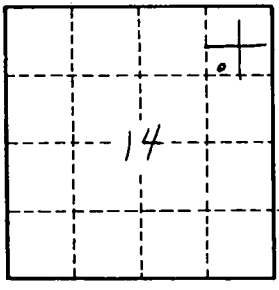
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: 29,000 gpd/ft 293 Coefficient Storage: -

Coefficient Perm: 645 gpd/ft<sup>2</sup>; Spec cap: 1.0 gpm/ft; Number of geologic cards: \_\_\_\_\_

*AEC - Titum dome  
Hydrologic Test Well #6, (Aquifer 26)*



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