

WRD Exp. (GW)
April 1966

Well No.

J27
E-log #88

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: 31^{deg} 08^{min} 49^{sec} N Longitude: 089^{degrees} 34^{min} 22^{sec} Sequential number: 7

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

Local well number: 5027DA1402N16W Other number: E-7

Local use: X53 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, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other 4

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed 0

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: USGS

Freq. sampling: 0 Pumpage inventory: yes 0 no, period: _____

Aperture cards: _____

Log data: E-log to 941 Deepened to 3553 E

FINCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 3553 Meas. 6

Depth cased; (first perf.) _____ ft _____ Casing type: IRON ; Diam. 95/8 in 9

Finish: (A) porous concrete, (B) gravel w. (perf.), (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other 0

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (E) jetted, (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) wash, (K) drive, (L) other 4

Date Drilled: 961 Pump intake setting: _____ ft _____

Driller: E+S Drilling Co.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 0 Deep 0 Shallow 0

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. Trans. or meter no. 0

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

Alt. LSD: 259 Accuracy: INST.

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

Date meas: 664 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. _____ °F Date sampled _____

Taste, color, etc. _____

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Latitude-longitude N
S
d m s c m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 131Y Subbasin: _____

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

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

Lithology: OL Origin: _____ Aquifer Thickness: 135 ft

135 Length of well open to: _____ ft _____ Depth to top of: _____ 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: _____

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

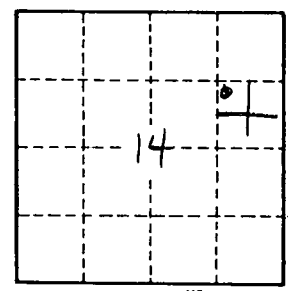
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Tatum Dome
Exploratory Hole # 7 (E-7)



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