**WELL SCHEDULE**

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

**MASTER CARD**

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Date</th>
<th>Map</th>
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</thead>
<tbody>
<tr>
<td>M</td>
<td>Larimer</td>
<td>3.7</td>
<td>7</td>
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</table>

**Latitude:** 31° 08' 59.4" N 18° 09' 34.2" W  
**Longitude:** 12° 14' 16.1" S 6° 4.5" W  
**Sequential number:** 7

- **Local well number:** J0273PA1:402:N16:W  
- **Owner or name:** Atomic Energy Comm  
- **Address:** Las Vegas, Nevada

**Ownership:** County, Fed, Corp, City, Corp or Private, State Agency, Water Dist  
- **Use of water:** Stock, Irrig, Fire, Sewerage, Municipal, Other

**Log data:** E-105 to 941, Deepened to 3553

**USGS**

**WELL-DESCRIPTION CARD**

- **Depth well:** 31513  
- **Casing type:** Iron  
- **Depth cased:** 35  
- **Finish:** porous gravel, gravel, open perf., screen, casing, open cable, other
- **Method:** air bored, cable, dug, hyd jetted, reverse, trenches, driven, drive rot., wash, perc., rotary, other
- **Date:**  
- **Driller:** E&S Drilling Co.

**Lift:**  
- **Power:** diesel, elec, gas, gasoline, hand, gas, wind  
- **Descrip. MP:** ft below LSD. Alt. MP

**Alt. LSD:** 254  
**Drawdown:** 6.4  
**Yield:**  
**Method:** determined

**WATER DATA:**
- **Iron:** ppm  
- **Sulfate:** ppm  
- **Chloride:** ppm  
- **Hard.:** ppm

**Sp. Conduct.:** K x 10^6  
**Temp.:** °F  
**Taste, color, etc.:**
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

<table>
<thead>
<tr>
<th>Drainage Basin</th>
<th>Physiographic Province</th>
<th>Section</th>
<th>Subbasin</th>
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<td>D</td>
<td></td>
<td>0:3</td>
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</table>

**Topo**
- (D) depression
- (C) stream channel
- (E) dunes
- (F) flat
- (H) hilltop
- (K) sink
- (L) swamp
- (G) offshore
- (P) pediment
- (S) hillside
- (T) terrace
- (U) undulating
- (V) valley flat

**MAJOR AQUIFER**

- System: C6
- Series: prock
- Aquifer, formation, group: 30
- Lithology: 31
- Origin: 32
- Aquifer Thickness: 135 ft
- Depth to top: 34
- Length of well open to: ft

**MINOR AQUIFER**

- System: 44
- Series: 45
- Aquifer, formation, group: 46
- Lithology: 48
- Origin: 49
- Aquifer Thickness: ft
- Depth to top: 50
- Length of well open to: ft

**Intervals**

- Depth to consolidated rock: ft
- Depth to basement: ft
- Surficial material: ft
- Infiltration characteristics: 70

**Coefficient**

- Coefficient of transmissivity: gpd/ft
- Coefficient of storage: 71

**Perm**

- Perm: gpd/ft²
- Spec cap: gpm/ft

**Tadum Dome Exploratory Hole E-7**

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[Diagram showing hole location and numbers]