Water-Data Report 2013

# 385509119414801 Local number 105 N12 E20 11ADD 1

Basin and Range basin-fill aquifers
Undefined Aquifer

Douglas County, NV

LOCATION.--Lat 38°55'09.12", long 119°41'48.12" referenced to North American Datum of 1983, in SE ¼ SE ¼ NE ¼ sec.11, T.12 N., R.20 E., Douglas County, NV, Hydrologic Unit 16050201.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 125 ft. Upper casing diameter 6. in; top of first opening 105 ft, bottom of last opening 125 ft.

DATUM.--Land-surface datum is 4,903 ft above North American Vertical Datum of 1988. Measuring point: Undefined, 0.0 ft above land-surface datum, Nov. 20, 1985, to present.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Medium name | Sample type | Barometric pressure, mm Hg (00025) | Temperature, air, °C (00020) | Dissolved oxygen, water, unfiltered, mg/L (00300) | Dissolved oxygen, water, unfiltered, % saturation (00301) | pH, water, unfiltered, field, standard units (00400) | pH, water, unfiltered, laboratory, standard units (00403) | Specific conductance, water, unfiltered, laboratory, µS/cm at 25°C (90095) |
|---|---|---|---|---|---|---|---|---|---|---|
| **04-11-2013** | **0915** | Groundwater | Regular | 642 | 13.5 | 5.4 | 63 | 7.6 | 8.0 | 454 |
| **08-14-2013** | **1230** | Groundwater | Regular | -- | 22.0 | 5.7 | -- | 7.3 | 8.0 | 442 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Specific conductance, water, unfiltered, µS/cm at 25°C (00095) | Temperature, water, °C (00010) | Dissolved solids dried at 180°C, water, filtered, mg/L (70300) | Calcium, water, filtered, mg/L (00915) | Magnesium, water, filtered, mg/L (00925) | Potassium, water, filtered, mg/L (00935) | Sodium, water, filtered, mg/L (00930) | ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as $CaCO_3$ (90410) | Carbon dioxide, water, unfiltered, mg/L (00405) |
|---|---|---|---|---|---|---|---|---|---|---|
| **04-11-2013** | **0915** | 456 | 14.4 | 305 | 60.9 | 11.4 | 2.98 | 22.3 | 200 | 11 |
| **08-14-2013** | **1230** | 406 | 15.3 | 284 | 54.9 | 10.1 | 2.87 | 20.8 | 198 | 18 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 385509119414801, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/385509119414801.2013.pdf

**385509119414801 Local number 105 N12 E20 11ADD 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 3 of 3

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

| Date | Sample start time | Chloride, water, filtered, mg/L (00940) | Fluoride, water, filtered, mg/L (00950) | Sulfate, water, filtered, mg/L (00945) | Ammonia, water, filtered, mg/L as N (00608) | Nitrate plus nitrite, water, filtered, mg/L as N (00631) | Nitrite, water, filtered, mg/L as N (00613) | Orthophos-phate, water, filtered, mg/L as P (00671) | Iron, water, filtered, µg/L (01046) |
|---|---|---|---|---|---|---|---|---|---|
| **04-11-2013** | **0915** | 9.61 | E .07 | 25.1 | < .010 | 2.64 | < .001 | 0.072 | < 4.0 |
| **08-14-2013** | **1230** | 8.23 | .09 | 21.3 | < .010 | 2.58 | < .001 | .069 | < 4.0 |