Central Nevada Regional Water Authority Groundwater Monitoring Program Annual Report for Fiscal Year 2026-2027

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October 20, 2026

WATER LEVEL WELL NETWORK:

The objective of the Central Nevada Regional Water Authority Groundwater Monitoring Program is to collect, on an annual basis, water level measurements from 51 wells in 14 groundwater basins, or hydrographic area (HA's) located in six of CNRWA's ten-member county's. Note: these 51 wells were selected from more than 200 wells inventoried during 2008-09 by the USGS, throughout the 14 groundwater basins, with joint cooperation between the U.S. Geological Survey (USGS) and the Nevada Division of Water Resources (NDWR). The final selection and location of the 51 wells was made by the CNRWA. These "index" wells are comprised of thirty-five percent USGS legally owned MX wells and sixty-five percent "other" type wells; (stock, mining, unused), the majority of which are owned by various other entities: (ranchers, mining companies, private, USBLM). There are only a small number of wells within the Network that are noted as "owner unknown". Collectively, these wells are called index wells, since it is possible the water level information collected from these wells can be used to 1) determine changes and trends over time, 2) identify the occurrence and movement of groundwater, and 3) help quantify subsurface flow between basins. The 14 groundwater basins are as follows: Kumiva Valley-HA 079 (2 wells), Winnemucca Lake Valley-HA 080 (1 well), Granite Springs Valley-HA 078 (3 wells), Big Smoky Valley-HA's 137A and 137B (5 wells), Newark Valley-HA 154 (6 wells), Railroad Valley-HA's 173A and 173B (6 wells), Long Valley-Central Nevada-HA 175 (6 wells), Butte Valley-HA's 17A and 178B (8 wells), Ruby Valley-HA 176 (4 wells), Jakes Valley-HA 174 (2 wells), White River Valley-HA 207, Clayton Valley-HA 143 (3 wells), Alkali Springs Valley-HA 142 (3 wells) and Clover Valley-HA 177 (2 wells). The index wells are located in the following six counties: Elko, Esmeralda, Lander, Nye, Pershing and White Pine counties.

WATER LEVEL OBSERVATIONS:

Static groundwater level in a well is obtained using either a 500-foot polyethylene Electric Tape, or where appropriate, a weighted 500-foot steel tape. All observations are recorded in feet and hundredths of feet.

HYDROLOGIC OUTLOOK:

The 2026 field season was conducted in September. Prior field seasons were generally conducted during August through early November. The 2026 field work coincided with generally good weather, warm sunny days with light winds. The back country roads were dry and dusty.

Precipitation in the 2025-2026 water year[1] for the Central Nevada Desert Basins averaged about 75% of normal. Nevada experienced the warmest March on record resulting in the snow water equivalent[2] in this year's snowpack to be at or near record lows due to less snowfall and earlier melting in the season than normal. As most of a basin's aquifer is recharged by winter precipitation stored in the snowpack of adjacent mountains, an historically low snowpack this year led to less aquifer recharge resulting in declining water levels as noted in the most of this year's well measurements.

Most of Nevada is still in long term drought conditions, though there has been improvement over the past few years. However, areas of northeastern Nevada are in extreme or exceptional drought. Drought monitoring can be accessed using the following URL: https://droughtmonitor.unl.edu/

A predicted El Nino weather pattern this winter is expected to bring milder temperatures and above normal winter precipitation to southern and western Nevada. A similar increase in precipitation for the severely drought stricken northeastern Nevada is less certain this winter. The increased precipitation coupled with warmer temperatures may result in a reduced snowpack for some of the basin mountains.

GENERAL OBSERVATIONS AND BASIN ANALYSIS:

In 9 of the 14 Program basins, water levels fluctuate, primarily in response to drought, or where above-average precipitation occurs during the year.

The remaining five groundwater basins, (Railroad Valley, Clayton Valley, Alkali Springs Valley, Jakes Valley and White River Valley) experience noticeable water level changes. These fluctuations are largely due to groundwater pumping for Lithium mining, alfalfa growing, and drought conditions.

In Railroad Valley (HA 173B), MX-107 declined 4.5 feet from 2009 thru 2019, an eleven year period of record. MX-107 was confirmed destroyed by well head damage in 2020. MX-107 was replaced by Stone Corral Unused Stock Well, located 1.1 mile due south from MX-107, on the same road. Data collection at Stone Corral Well began September 30, 2020. In seven years, a steady 1.99 foot decline was observed in the Stone Corral Well, likely due to the large alfalfa growing operation nearby in Nyala. The October 2025 visit to Stone Corral Well notes the well is now abandoned and has an open casing. (See Graph # 1). There are also extensive oil and gas production wells in Railroad valley.

Also, in Railroad Valley MX-112, historically a fairly stable well with minor well water level variations, began exhibiting erratic water levels in 2023 and dropped 1.86 feet over the past year, (See Graph # 2). While the Green Springs well declined 2.2 feet since last year's measurement (See Graph # 3). And the Bull Creek well declined approximately half a foot this year, (See Graph # 4).

1 A water year runs from October 1st. To September 31st.
2 Snow Water Equivalent (SWE) determines how much water the snowpack contains.

In Clayton Valley (HA 143), Silver Peak #2 well, which is used to fill trucks for haul water, shows a steady decline of 8.21 feet from 2007 to 2026, including a 1.4 foot decline this past year. During both the November 13, 2025 and September 25, 2026 visit, water trucks were waiting to fill at the well. An Esmeralda County utility employee present during the 2025 measurement said the well is seeing recent heavy use from several mine exploration ventures and construction including for the Nevada Energy Greenlink construction project, (See Graph # 5).

Also, in Clayton Valley, the South Clayton Valley Unused Stock Well, has remained dry for fourteen years in a row, due to extensive de-watering throughout Clayton valley for Lithium Mining operations. It is likely this well has become “sanded-in” over time, as well. Water level data was collected from this well for 45 years (1967 to 2012), before becoming permanently dry. A large lithium mine pumps a significant amount of Lithium brine throughout the valley and uses evaporation ponds to recover lithium from the brine. The lithium mine recently expanded the number of large evaporation ponds throughout Clayton Valley. The evaporation ponds cover a substantial portion of the playa. While the lithium mine currently pumps a part of their total water rights, planned future full-capacity pumping of the mine’s entire water right could further accelerate the basin’s already declining water levels. Also, numerous pending water right applications from other lithium mines in the basin are seeking additional water.

The Clayton Valley Northeast Stock well is dry for the eleventh consecutive year. Static water level in this well was typically near 171 feet, with a sounded depth of 200 feet. A new and expanded Lithium mining complex, has been constructed approximately one mile north, and down gradient from the Clayton Valley Northeast Stock Well. The lithium mine constructed several large new evaporation recovery ponds, approximately a half mile north of the stock well and all ponds are full. The extensive brine pumping activity near the Clayton Valley Northeast stock well appears to have permanently dried the well.

The drying of these two Clayton Valley index wells, leaves the CNRWA groundwater well monitoring network with only one measurable well in Clayton Valley out of the original three (See Suggestion #1).

In the adjacent Alkali Springs Valley (HA 142) to the east, the Goldfield mine well experienced extraordinary declines of 178.15 feet in the past year and 210.98 feet since 2007 (See Graph # 6). The mine reports they aggressively pumped the well this year.

The Goldfield mine well is currently used by the Gemfield mine. The mine recently began a large scale open pit mine construction and operation project this year, which will continue to significantly impact the Goldfield mine well. The mine is planning to plug this well at some time in the future and we may need to look for a new well in the Goldfield area for the groundwater monitoring program.

The Midway well in White River Valley (HA-207) experienced a 17.29 foot decline from 2009 to 2026 (See Graph # 7). A rancher recently acquired a water right for this well which may account for part of the 10.04 foot decline since 2023. The Midway well is the only CNRWA index well in the White River hydrographic basin.

In Jakes Valley (HA 174), the Jake's Valley Large Diameter Stock Well, which can fluctuate dramatically year to year, experienced a 7.97 foot water level drop from 2023 to 2025. However, the water level rose by 6.66 foot over the past year (See Graph # 8).

Last year all CNRWA index wells in Kumiva Valley (HA 079) and Winnemucca Lake Valley (HA 080) showed a minor increase in water levels. While two of the three wells in adjacent Granite Springs Valley (HA 78) also reported a minor rise in water levels. This year all wells in Kumiva and Winnemucca Lake valleys experienced a slight decline in water levels, including the USBLM Desert Springs well, which declined by .98 feet (See Graph # 9). In Granite Springs Valley two of the three index wells also declined this year reversing last year's slight recovery.

POST FIELD WORK:

Following field work, Authority groundwater level measurements are forwarded electronically to the U.S. Geological Survey and NDWR for inclusion into their homepage (water.nv.gov) accessible database, located under "Data", then "Hydrologic Monitoring ", then "Water Level Data". Once in "Water Level Data", simply view the hydrographic basin of your concern. The NDWR water level data can also be accessed directly using the following URL: https://tools.water.nv.gov/WaterLevelData.aspx

Nevada Division of Water Resources does not show the 51 wells as being CNRWA sites if an Authority index well was given a Site ID number by the USGS, or if the well was given a Site Name by NDWR. The USGS Site ID number is a fifteen digit number based on the Latitude/longitude of any given well. The Site Name is based upon the HA number, the Township/Range, section ¼ ¼. The NDWR data base lists each well by Site Name first, the Site ID second (if one exists), and then if applicable, by common name. This method mitigates any confusion as to which well is being identified. Water level measurements made by CNRWA field personnel are recorded and credited in the NDWR database as "CNRWA" acquired water-level measurements. All water level measurements, from each of the fourteen valleys, are appropriately grouped within their proper administrative hydrographic area (HA). Most, but not all, of the Authority's index wells have past (historical) water level measurements associated with them, although intermittent, which is extremely important from a historical perspective, as rise or decline in groundwater levels can only be viewed over periods of years.

SUGGESTIONS:

1) Additional wells in Clayton Valley should be considered to replace the two permanently dry wells: Clayton Valley northeast stock well and the South Clayton Valley Unused Stock Well. The NDWR mapping tool identifies a stock well on the valley floor a couple miles south of the dry south Clayton valley well. The certificate for the unnamed stock well shos that the 1946 well is 130 feet deep. There are also several stock wells at the foothill boundary in SW Clayton valley. There is also the 140 foot deep Paymaster stock well in Paymaster canyon wash in Clayton valley's NE corner. The well log for this well shows that the 1995 static water level was 41 feet. It is unknown if any of these stock wells still have water. These stock wells appear to be the only potential options to replace the two dry wells.

2) In Railroad Valley, if future access to wells MX-101 and MX-225 can't be obtained, then replacement wells should be considered. There are numerous stock wells scattered throughout Railroad valley that could potentially be considered to replace MX-101 and 225.

3) Several unused and abandoned wells have open casings allowing surface contaminates to enter the groundwater aquifers. And larger objects deposited in the wells by individuals or nature create obstructions to obtaining water level measurements. I am not sure how best to remedy this situation.

4) In Alkali Springs Valley, Esmeralda County discontinued the Goldfield #1 well at the Klondike wellfield in 2022. CNRWA replaced Goldfield #1 by adding the USGS MX-43 well to the monitoring program. Esmeralda County drilled 2 monitoring wells at the Klondike wellfield. I suggest adding the deep monitoring well to the well monitoring program. Goldfield #1 well's last measurement in 2021 was 200.68' below land surface. Since that last measurement, there is sustained pumping at the Klondike wellfield to supply the town of Goldfield and a newly operating mine with water. The latest Klondike monitoring well measurement on October 5, 2026, was 213.12'. Currently, there are four wells at the Klondike wellfield with a planned fifth well in the near future. Also, another mining company applied to drill a well near the Klondike wellfield to pump 1,000 acre feet. The sustained pumping as well as a new well in the wellfield and an additional nearby mining well will place increasing stress on the aquifer in the vicinity of the Klondike wellfield making the inclusion of the monitoring well a prudent addition to the groundwater monitoring database.

5) The Goldfield Mine well on the Gemfield Mine site is expected to be plugged by the mine within 5 years necessitating finding a replacement well in the southern Alkali springs basin.

CNRWA WELL MEASUREMENT DATA REPORT (2014):

CNRWA's annual water level measurements along with some related field observations notes are published in a report entitled "CENTRAL NEVADA REGIONAL WATER AUTHORITY WELL MEASUREMENT DATA REPORT. SEPTEMBER 2014. NYLE PENNINGTON", which is updated annually with the most current water level measurements. This report lists each index well and associated water level data from the earliest date the information was collected until 2026. The well measurement data report is attached. The well measurement data report can also be accessed from the CNRWA homepage, using the link "Groundwater Monitoring" located on the bottom of the web page, or by using the following URL:

ATTACHMENTS (10):

HYDROGRAPHS:

Attached are nine hydrographs based on CNRWA monitoring data that show areas where water level declines, recoveries and or large fluctuations are known to be occurring.

1) (GRAPH #1): Stone Corral stock well. Measurements document a six consecutive year decline in the water level.

2) (GRAPH #2): MX -112. Well began exhibiting erratic water levels in 2023 and dropped 1.86 feet during the past year.

3) (GRAPH #3): Green Springs Well declined 2.2 feet since last year's measurement.

4) (GRAPH #4): Bull Creek Well.

5) (GRAPH #5): Clayton Valley Silver Peak WO-2 Truck Fill Well. Measurements show gradual decline, due to its proximity from an adjacent, municipal well.

6) (GRAPH #6): Goldfield Mine Well. Measurements show substantial influence of mining activity which tap the same aquifer as the Goldfield Mine Well.

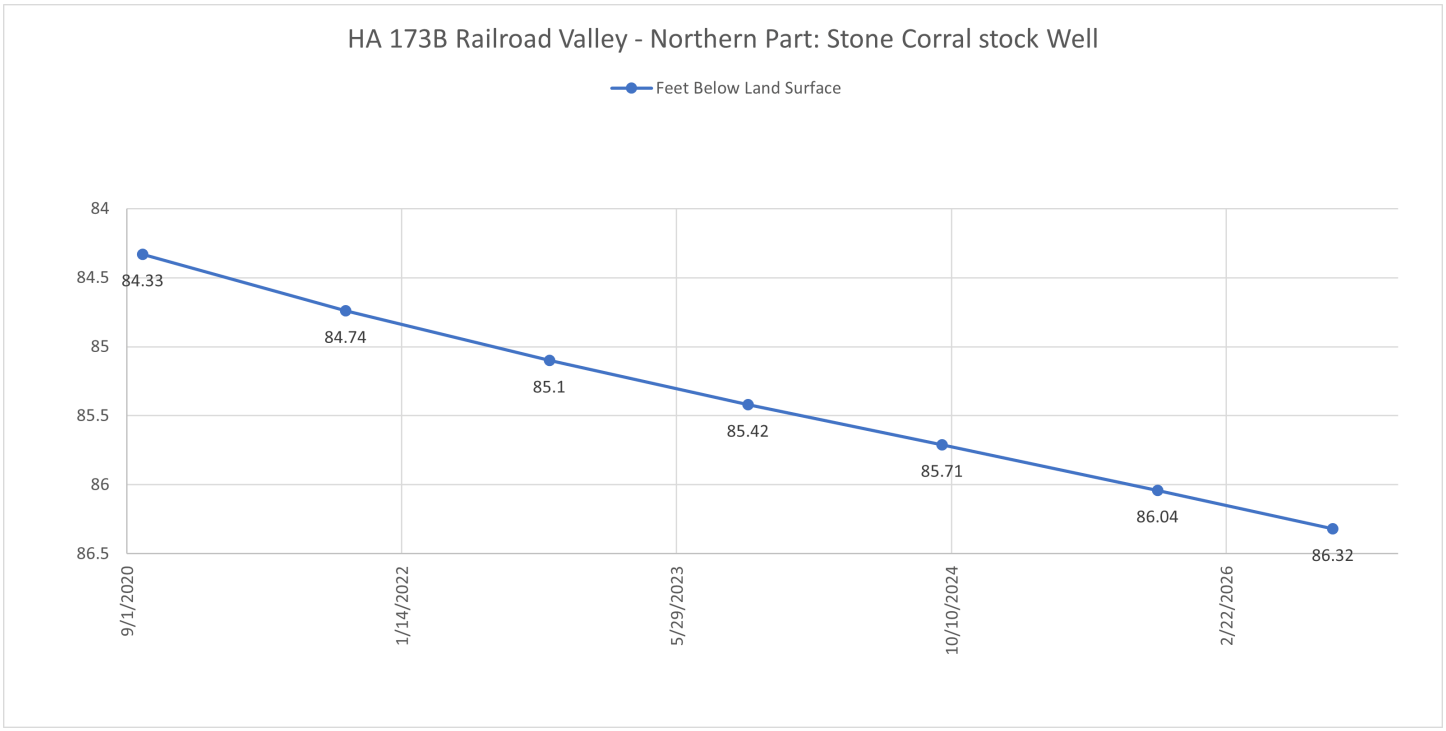
7) (GRAPH #7): Midway Well. The Midway well experienced a 17.29 foot decline from 2009 to 2026. The Midway well is the only CNRWA index well in the White River Valley basin. The Midway well declined 10.04 feet since 2023.

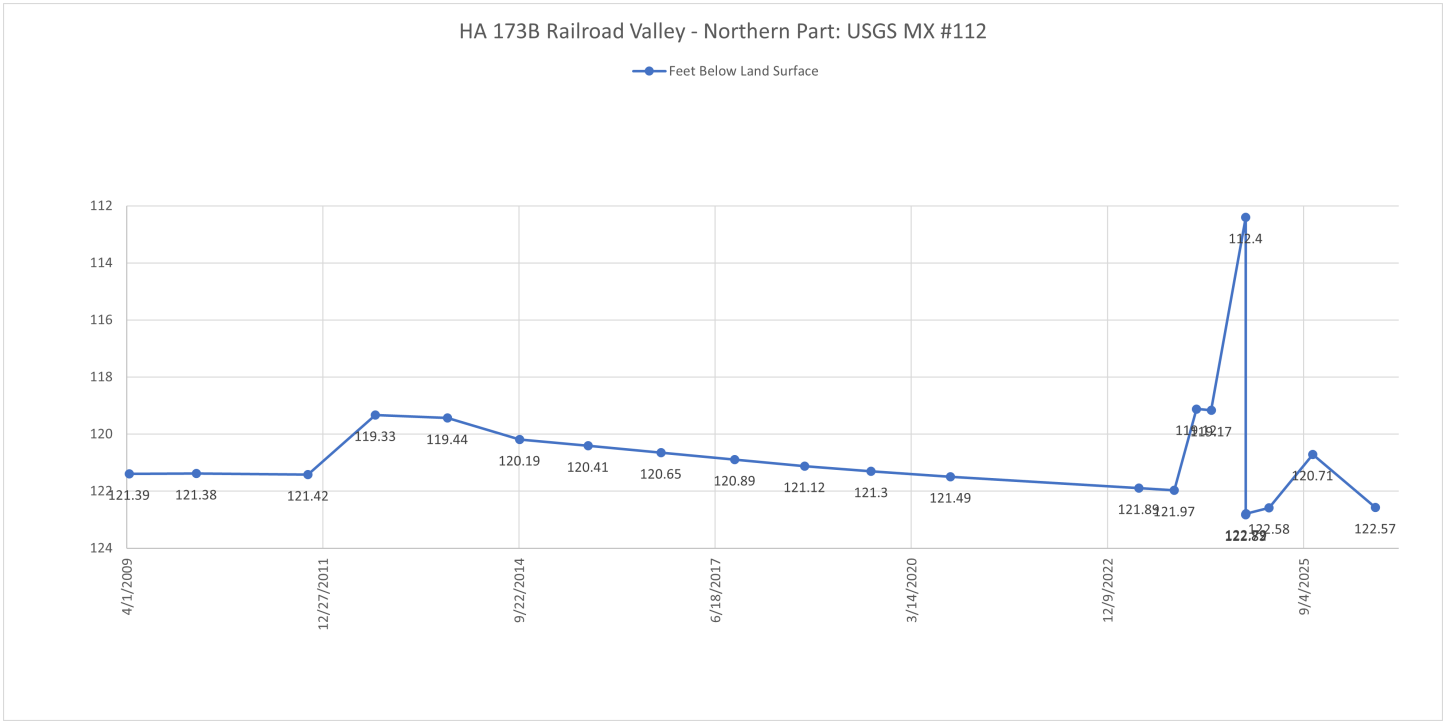
8) (Graph # 8): The Jakes Valley Stock Well experienced a 7.97 foot water level drop from 2023 to 2025. And recovered with a 6.66 foot water level rise this year. The well's wide swings in water levels over the years may indicate that the basin's water levels are highly sensitive to changes in precipitation and/or pumping.

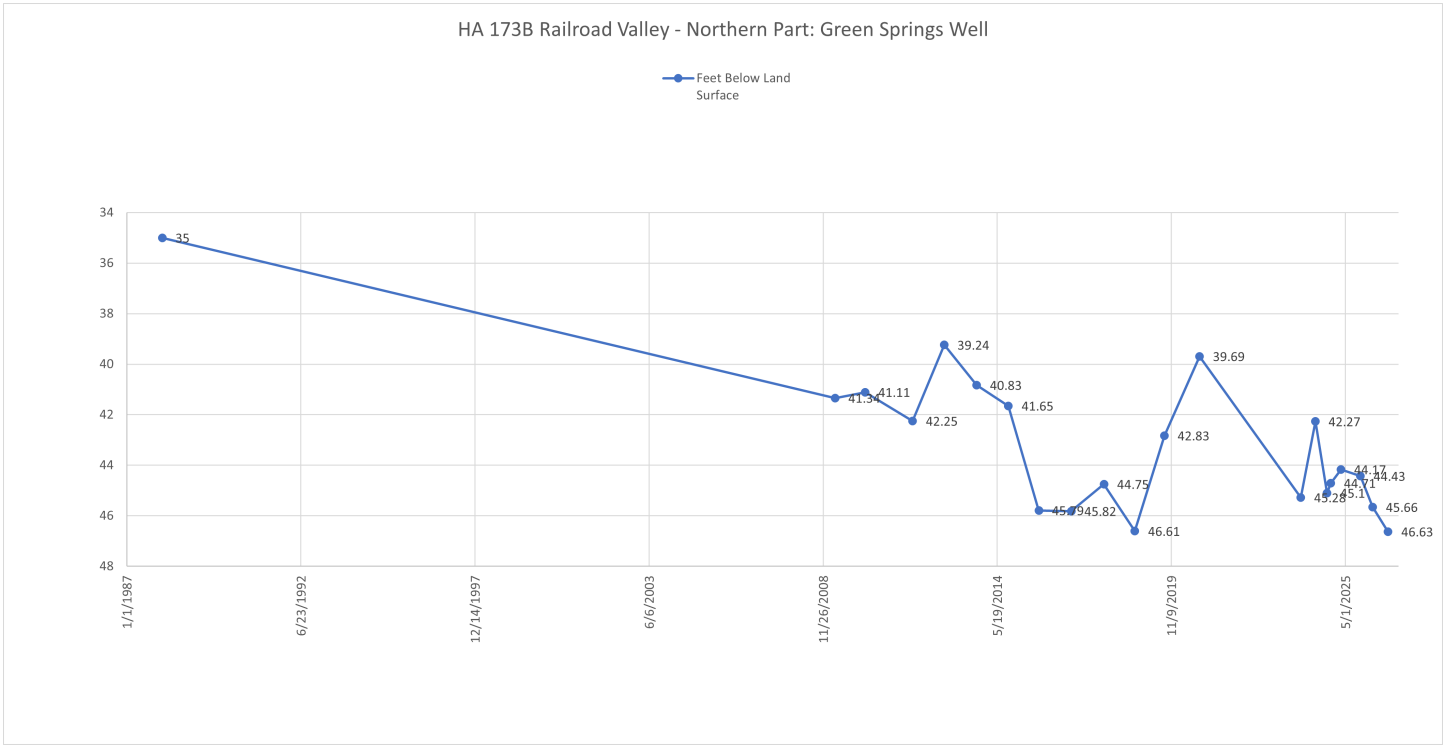
9) (Graph # 9): USBLM Desert Springs well declined .98 feet.

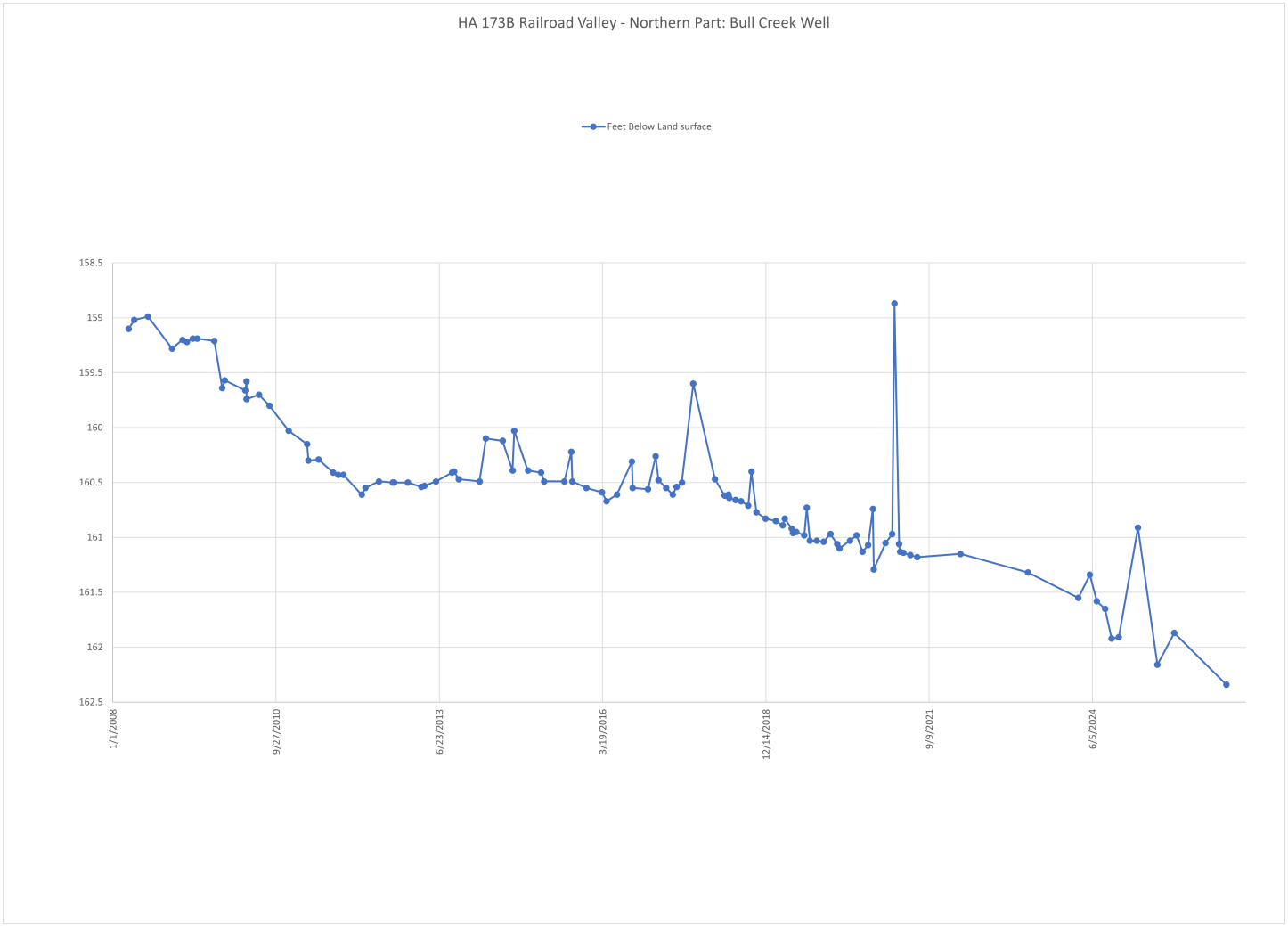
WELL MEASUREMENT DATA REPORT (2014):

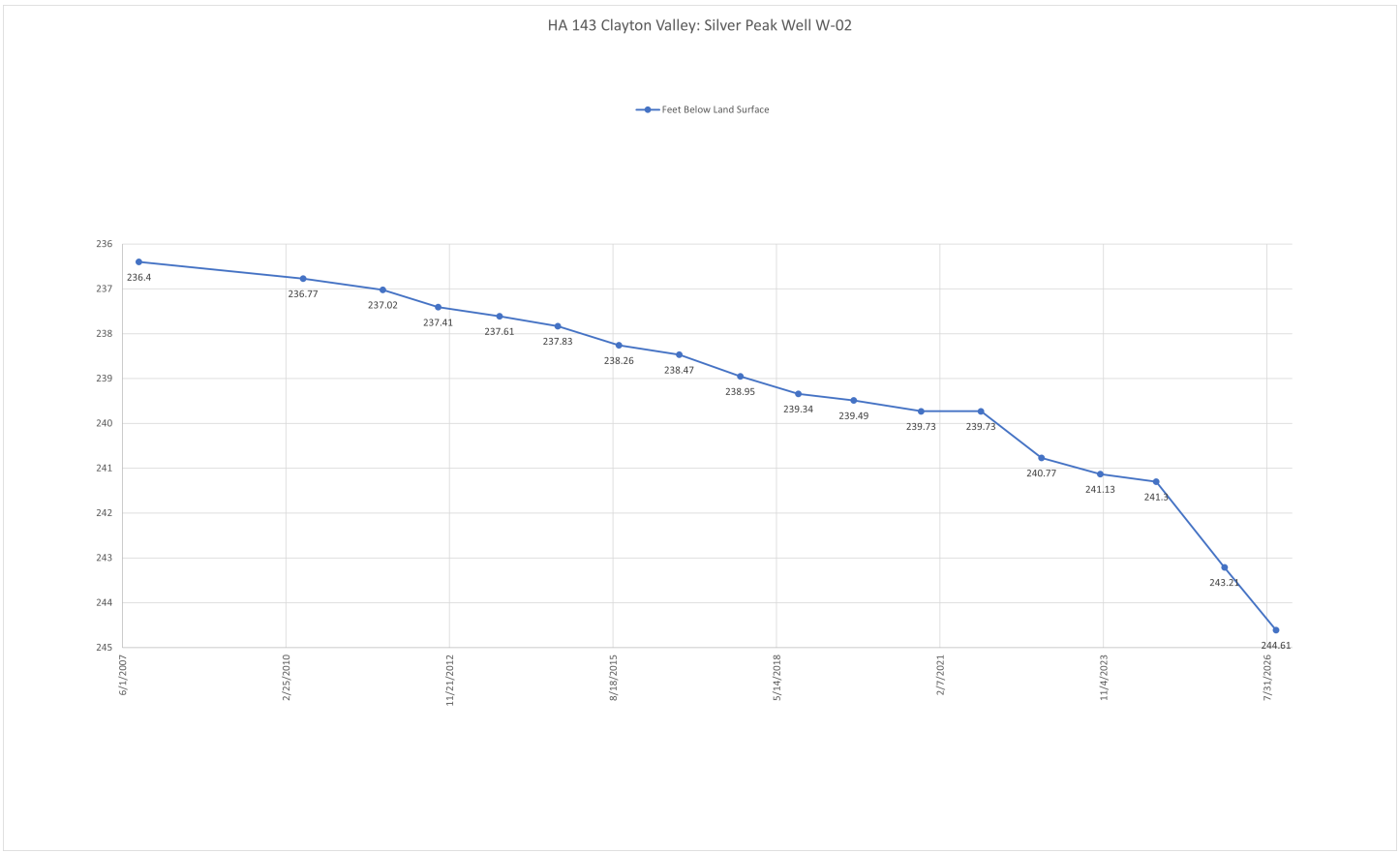
1) Central Nevada Regional Water Authority Well Measurement Data Report with 2026 update.

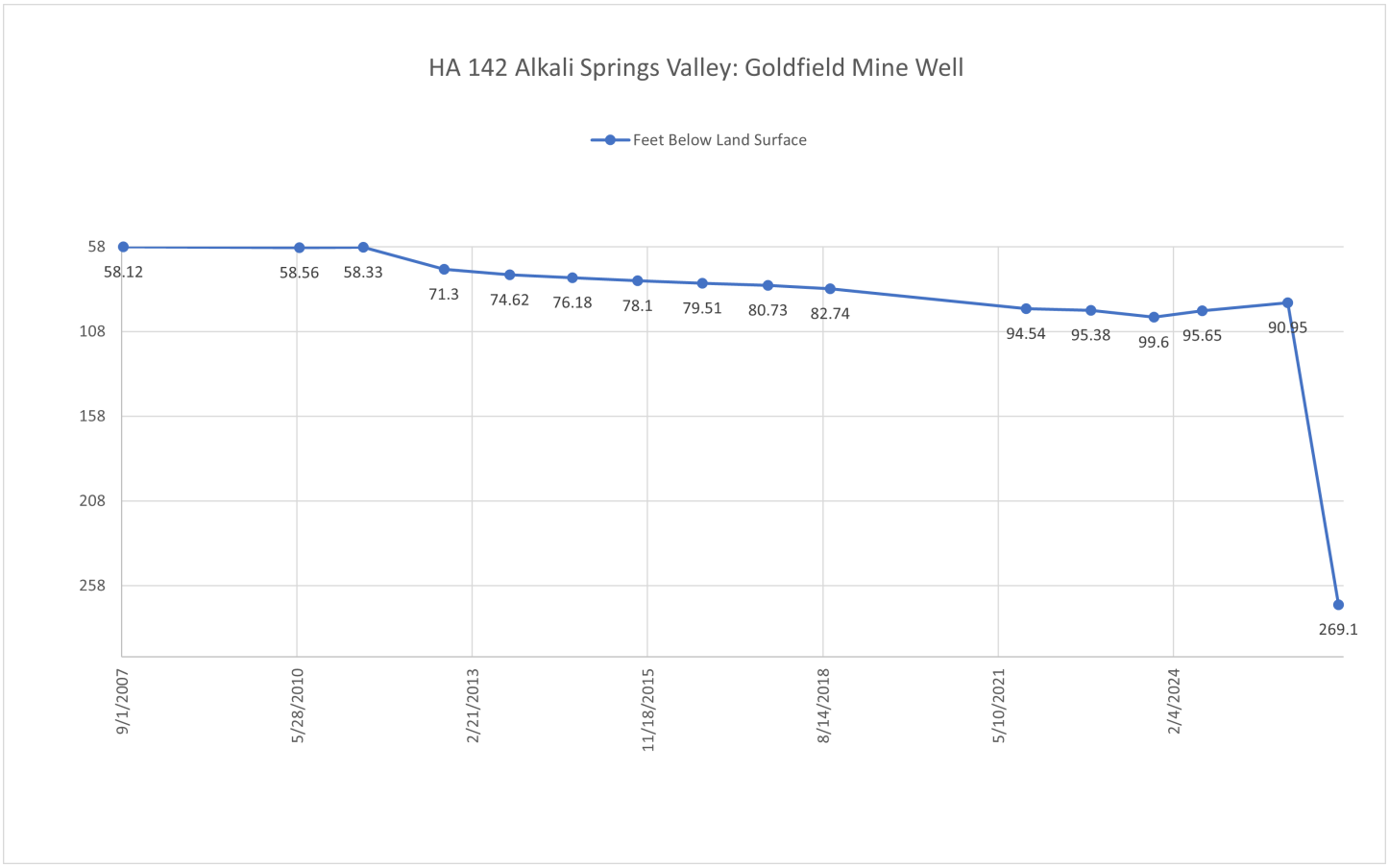

HA 173B Railroad Valley - Northern Part: Stone Corral stock Well
Feet Below Land Surface
84
84.5
85
85.5
86
86.5
84.33
84.74
85.1
85.42
85.71
86.04
86.32
9/1/2020
1/14/2022
5/29/2023
10/10/2024
2/22/2026

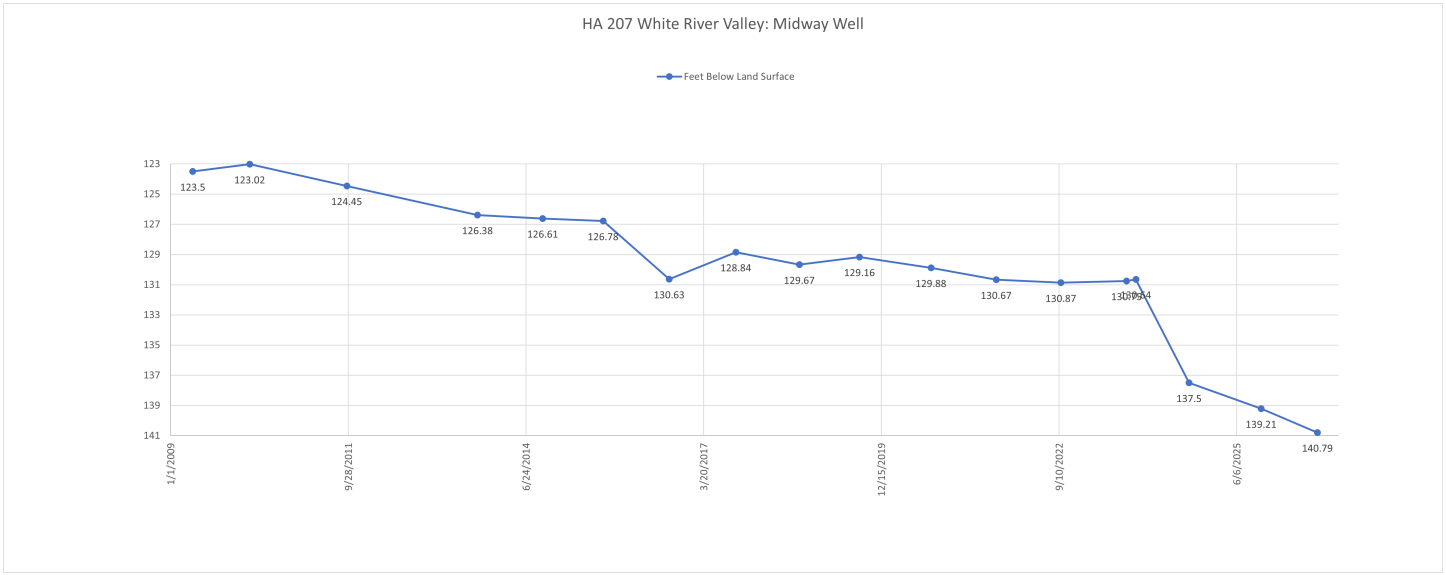

HA 173B Railroad Valley - Northern Part: USGS MX #112
Feet Below Land Surface
112
114
116
118
120
122
124
121.39
121.38
121.42
119.33
119.44
120.19
120.41
120.65
120.89
121.12
121.3
121.49
121.89
121.97
112.4
120.71
122.58
122.57
4/1/2009
12/27/2011
9/22/2014
6/18/2017
3/14/2020
12/9/2022
9/4/2025


HA 173B Railroad Valley - Northern Part: Green Springs Well
Feet Below Land Surface
34
36
38
40
42
44
46
48
1/1/1987
6/23/1992
12/14/1997
6/6/2003
11/26/2008
5/19/2014
11/9/2019
5/1/2025
35
41.34
41.11
42.25
39.24
40.83
41.65
45.82
44.75
46.61
42.83
39.69
45.28
42.27
45.1
44.71
44.43
44.17
45.66
46.63

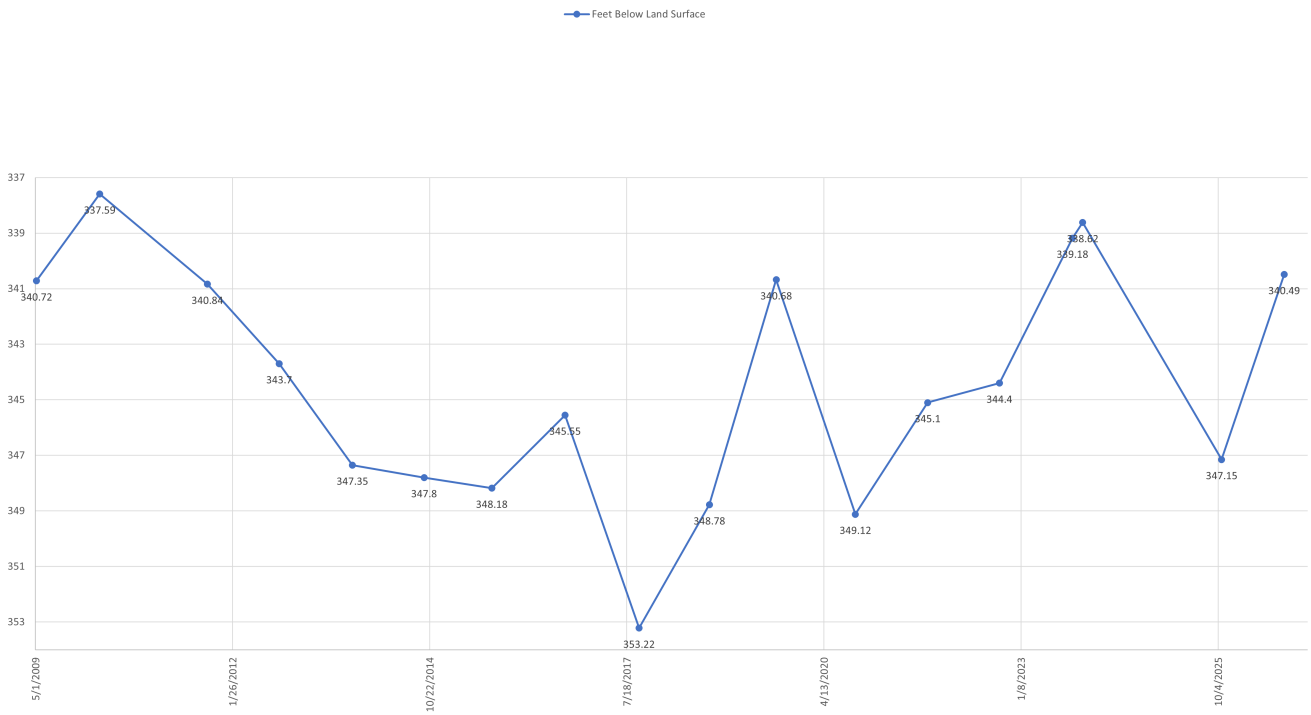

HA 173B Railroad Valley - Northern Part: Bull Creek Well
Feet Below Land surface
158.5
159
159.5
160
160.5
161
161.5
162
162.5
1/1/2008
9/27/2010
6/23/2013
3/19/2016
12/14/2018
9/9/2021
6/5/2024

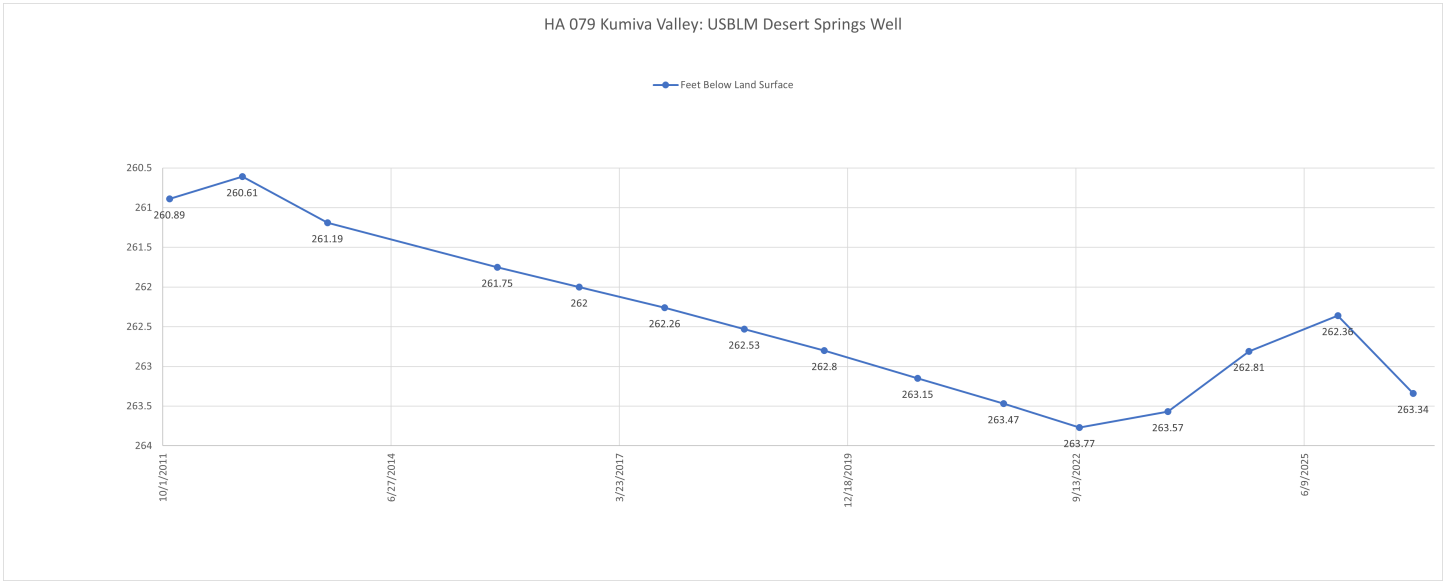

HA 143 Clayton Valley: Silver Peak Well W-02
Feet Below Land Surface
236
237
238
239
240
241
242
243
244
245
236.4
236.77
237.02
237.41
237.61
237.83
238.26
238.47
238.95
239.34
239.49
239.73
239.73
240.77
241.13
241.3
243.21
244.61
6/1/2007
2/25/2010
11/21/2012
8/18/2015
5/14/2018
2/7/2021
11/4/2023
7/31/2026


HA 142 Alkali Springs Valley: Goldfield Mine Well
Feet Below Land Surface
58
108
158
208
258
58.12
58.56
58.33
71.3
74.62
76.18
78.1
79.51
80.73
82.74
94.54
95.38
99.6
95.65
90.95
269.1
9/1/2007
5/28/2010
2/21/2013
11/18/2015
8/14/2018
5/10/2021
2/4/2024


HA 207 White River Valley: Midway Well
Feet Below Land Surface
123
125
127
129
131
133
135
137
139
141
123.5
123.02
124.45
126.38
126.61
126.78
130.63
128.84
129.67
129.16
129.88
130.67
130.87
137.5
139.21
140.79
1/1/2009
9/28/2011
6/24/2014
3/20/2017
12/15/2019
9/10/2022
6/6/2025

HA 174 Jakes Valley: Jakes Valley Large Diameter Stock Well




HA 079 Kumiva Valley: USBLM Desert Springs Well
Feet Below Land Surface
260.5
261
261.5
262
262.5
263
263.5
264
260.89
260.61
261.19
261.75
262
262.26
262.53
262.8
263.15
263.47
263.77
263.57
262.81
262.36
263.34
10/1/2011
6/27/2014
3/23/2017
12/18/2019
9/13/2022
6/9/2025

CENTRAL NEVADA REGIONAL WATER AUTHORITY WELL MEASUREMENT

DATA REPORT. SEPTEMBER 2014. NYLE PENNINGTON

NOTE: blw mp means below measuring point. blw LS means below land surface. DTW means depth to water.

A. HA 079 KUMIVA VALLEY

1. **SITE ID: 401347119084901. 079 N27 E25 Section 11ba 1. Nevada Log # 12392. TUNNEL SPRINGS WELL. GPS Location: 401347.3/1190848.7 NAD83. OWNER: C-PUNCH CORP. Location: Pershing County.**

a. **12-01-2010 @ 1100 hrs. 8.50' (blw mp) 7.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-31-2011 @ 0910 hrs. 7.93' (blw mp) 6.93' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-14-2012 @1200 hrs. 8.50' (blw mp) 7.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-22-2013 @ 0730 hrs. 8.85' (blw mp) 7.85' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-09-2014 @ 1137 hrs. 8.94' (blw mp) 7.94' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank 1/5 full. Both orifices flowing into tank. Orifice water cold. Cattle nearby.**
f. **10-06-2015 @ 1146 hrs. 8.86' (blw mp) 7.86' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank nearly dry, orifice flowing < 1 gpm. Rain event in Valley.**
g. **09-29-2016 @ 1058 hrs. 8.62' (blw mp) 7.62' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Cattle at well. Cistern has water.**
h. **10-08-2017 @ 1216 hrs. 7.85' (blw mp) 6.85' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Flowing into tank. Both full.**
i. **09-22-2018 @ 1207 hrs. 8.46' (blw mp) 7.46' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank dry. Many cattle and horses here.**
j. **09-07-2019 @ 1142 hrs. 7.94' (blw mp) 6.94' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Flowing into tank (10% full).**

k. **10-20-2020 @ 1221 hrs. 7.83’ (blw mp) 6.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-31-2021 @ 1122 hrs. 8.78’ (blw mp) 7.78’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Flow into tank. All tanks full. Both springs flowing.**
m. **09-28-2022 @ 1106 hrs. 9.15’ (blw mp) 8.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2023 @ 1125 hrs. 9.07’ (blw mp) 8.07’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-10-2024 @ 1218 hrs. 9.11’ (blw mp) 8.11’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank Full.**
p. **11-03-2025 @ 1522 hrs. 9.07’ (blw mp) 8.07’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank Full. Spring is flowing.**
q. **09-29-2026 @ 1628 hrs. 9.12’ (blw mp) 8.12’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank Full. Spring is flowing.**

2. SITE ID: TO BE DETERMINED. 079 N30 E24 Section 01 ddca1. No Well Log. USBLM-DESERT SPRINGS WELL. GPS location: 4029.159/11911.934 NAD83. OWNER: USBLM. Location: Pershing County.

a. 10-31-2011 @ 1045 hrs. 262.60’ (blw mp) 260.89’ (blw LS). Atmospheric. Electric Tape. CNRWA .
b. 09-14-2012 @ 1115 hrs. 262.32’ (blw mp) 260.61’ (blw LS). Atmospheric. Electric Tape. CNRWA .
c. 09-22-2013 @ 0815 hrs. 262.90’ (blw mp) 261.19’ (blw LS). Atmospheric. Electric Tape. CNRWA .
d. 09-09-2014 @ 1236 hrs. No measurement. Obstructed measuring port. CNRWA
e. 10-06-2015 @ 1250 hrs. 263.46’ (blw mp) 261.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Drilled out measuring port to clear obstruction. Rain event in valley.
f. 09-29-2016 @ 1145 hrs. 263.71’ (blw mp) 262.00’ (blw LS). Atmospheric. Electric Tape. CNRWA .
g. 10-08-2017 @ 1310 hrs. 263.97’ (blw mp) 262.26’ (blw LS). Atmospheric. Electric Tape. CNRWA .
h. 09-22-2018 @ 1255 hrs. 264.24’ (blw mp) 262.53’ (blw LS). Atmospheric. Electric Tape. CNRWA .
i. 09-07-2019 @ 1235 hrs. 264.51’ (blw mp) 262.80’ (blw LS). Atmospheric. Electric Tape. CNRWA .
j. 10-20-2020 @ 1300 hrs. 264.86’ (blw mp) 263.15’ (blw LS). Atmospheric. Electric Tape. CNRWA .
k. 10-31-2021 @ 1216 hrs. 265.18’ (blw mp) 263.47’ (blw LS). Atmospheric. Electric Tape. CNRWA .
l. 09-28-2022 @ 1158 hrs. 265.48’ (blw mp) 263.77’ (blw LS). Atmospheric. Electric Tape. CNRWA .
m. 10-21-2023 @ 1155 hrs. 265.28’ (blw mp) 263.57’ (blw LS). Atmospheric. Electric Tape. CNRWA

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n. 10-10-2024 @ 1318 hrs. 264.52’ (blw mp) 262.81’ (blw LS). Atmospheric. Electric tape. CNRWA.
o. 11-03-2025 @ 1410 hrs. 264.07’ (blw mp) 262.36’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Took multiple tries to get past obstruction.
p. 09-29-2026 @ 1424 hrs. 265.05’ (blw mp) 263.34’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Obstruction in casing, measured pipe.

B. HA 080 WINNEMUCCA LAKE VALLEY

1. **SITE ID: 401726119145201. 080 N28 E24 Section 24b1. Nevada Log #12393. JAYHAWK-LIMBO WELL. GPS Location: 401710.0/1191439.4 NAD83. OWNER: C-Punch Corp. Location: Pershing County.**

a. **12-01-2010 @ 1213 hrs. 267.25' (blw mp) 266.15' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-31-2011 @ 1012 hrs. 269.30' (blw mp) 268.20' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. May have been pumped recently.**
c. **09-14-2012 @ 1030 hrs. 269.28' (blw mp) 268.18' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-22-2013 @ 0645 hrs. 269.35' (blw mp) 268.25' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-09-2014 @ 1020 hrs. 267.46' (blw mp) 266.36' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. Not Pumping-Tank ¾ full. Twenty head Burro nearby as well as a few cattle.**
f. **10-06-2015 @ 1017 hrs. 267.54' (blw mp) 266.44' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Rain event in valley.**
g. **09-29-2016 @ 0957 hrs. 267.28' (blw mp) 266.18' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **10-08-2017 @ 1130 hrs. Well Pumping via generator. Cattle at well.**
i. **09-22-2018 @ 1255 hrs. Well pumping via generator. Rancher at well. Talked with.**
j. **09-07-2019 @ 1042 hrs. Well pumping via new solar array (est. 1 gpm). Tank brim full.**
k. **10-20-2020 @ 1129 hrs. 267.18' (blw mp) 266.08' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-31-2021 @ 1023 hrs. 267.15' (blw mp) 266.05' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-28-2022 @ 1003 hrs. 269.23' (blw mp) 268.13' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2023 @ 1027 hrs. 267.11' (blw mp) 266.01' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-10-2024 @ 1117 hrs. 267.31' (blw mp) 266.21' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-03-2025 @ 1547 hrs. 266.94' (blw mp) 265.84' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank dry - pump disconnected.**
q. **09-29-2026 @ 1538 hrs. 267.18' (blw mp) 266.08' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank dry - pump disconnected.**

C. HA 078 GRANITE SPRINGS VALLEY

1. **SITE ID: 400600118494001. 078 N26 E27 Section 26aaaa1. Nevada Log #307. WEST RAGGED TOP WELL. GPS Location: 400558.4/1185438.4 NAD83. Owner: USBLM. Location: Pershing County.**

a. **12-02-2010 @ 1010 hrs. 185.22' (blw mp) 184.82' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-31-2011 @ 1440 hrs. 185.33' (blw mp) 184.93' (blw LS). Atmospheric. Electric Tape CNRWA msmt.**
c. **09-14-2012 @ 0830 hrs. 185.96' (blw mp) 185.56' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-22-2013 @ 1030 hrs. 186.41' (blw mp) 186.01' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-09-2014 @ 1640 hrs. 187.00' (blw mp) 186.60' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Not Pumping. No cattle nearby.**
f. **10-06-2015 @ 1622 hrs. 187.52' (blw mp) 187.12' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Stock tank brim full/no generator in sight. Extreme rain event in this Valley.**
g. **09-29-2016 @ 1435 hrs. Well pumping via generator. Many cattle here.**
h. **10-08-2017 @ 1535 hrs. 188.88' (blw mp) 188.48' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-22-2018 @ 1539 hrs. Well pumping via windmill. Many cattle here.**
j. **09-07-2019 @ 1511 hrs. 189.53' (blw mp) 189.13' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank brim full.**
k. **10-20-2020 @ 1536 hrs. Well pumping via windmill. Many cattle/donkeys here.**
l. **10-31-2021 @ 1501 hrs. 189.40' (blw mp) 189.00 (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-28-2022 @ 1500 hrs. 189.51' (blw mp) 189.11' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2023 @ 1500 hrs. 190.92' (blw mp) 190.52' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-10-2024 @ 1549 hrs. 191.59' (blw mp) 191.19' (blw LS). Atmospheric. Electric Tape.CNRWA msmt.**
p. **11-03-2025 @ 1040 hrs. 191.68' (blw mp) 191.28' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank full. Numerous cattle at well.**
q. **09-29-2026 @ 1056 hrs. 192.27' (blw mp) 191.87' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank empty, pump pulled out of well.**

2. **SITE ID: 401251118532701. 078 N27 E27 Section 13aadd1. No Drillers Log. C-PUNCH WARM WATER WELL. GPS Location: 401250.5/1185326.7 NAD83. Owner: C-Punch Corp. Location: Pershing County.**

a. **12-02-2010 @ 1123 hrs. 105.19'(blw mp) 103.56' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. Jack up casing.**
b. **10-31-2011 @ 1345 hrs. 105.35' (blw mp) 103.72' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-14-2012 @ 0900 hrs. 105.47' (blw mp) 103.84' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
d. **09-22-2013 @ 0950 hrs. 105.38' (blw mp) 103.75' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-09-2014 @ 1547 hrs. 105.50' (blw mp) 103.87' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Not Pumping. Tank bone dry.**
f. **10-06-2015 @ 1534 hrs. No msmt. Could not lift csg-cap. Too dangerous. DTW: 104.13'. Reported by State Engineer on 03-19-2015.**
g. **09-29-2016 @ 1347 hrs. Well pumping via windmill. Estimate ½ quart/surge.**
h. **10-08-2017 @ 1500 hrs. No entry. DTW 104'. Reported by State Engineer 03-20-2017.**
i. **09-22-2018 @ 1454 hrs. 106.73' (blw mp) 104.58' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. New measuring port installed by C-Punch Corp.**
j. **09-07-2019 @ 1435 hrs. 106.66' (blw mp) 104.51' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
k. **10-20-2020 @ 1450 hrs. 106.85' (blw mp) 104.70' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
l. **10-31-2021 @ 1421 hrs. 107.05' (blw mp) 104.90' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
m. **09-28-2022 @ 1415 hrs. 107.36' (blw mp) 105.21' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
n. **10-21-2023 @ 1410 hrs. 107.55' (blw mp) 105.40' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
o. **10-10-2024 @ 1510 hrs. 107.74' (blw mp) 105.59' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. Tank ¾ full. Cattle/Donkey's here.**
p. **11-03-2025 @ 1143 hrs. 107.95' (blw mp) 105.80' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank full.**
q. **09-29-2026 @ 1159 hrs. 107.31' (blw mp) 105.16' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. .**

3. **SITE ID: 401808118522401. 078 N28 E28 Section 08cccd1. No Drillers Log. USBLM STOCK WELL. GPS Location: 401818.8/1185217.5 NAD83. Owner: USBLM. Location: Pershing County.**

a. **12-02-2010 @ 1222 hrs. 115.54’ (blw mp) 115.09’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-31-2011 @ 1300 hrs. 115.53’ (blw mp) 115.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-14-2012 @ 0945 hrs. 115.43’ (blw mp) 114.98’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-22-2013 @ 0910 hrs. 115.70’ (blw mp) 115.25’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Generator near-by. Well likely pumped this summer.**
e. **09-09-2014 @ 1512 hrs. 115.58’ (blw mp) 115.13’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Not Pumping. Generator gone. Tank bone dry.**
f. **10-06-2015 @ 1440 hrs. 115.46’ (blw mp) 115.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Stock Tank Dry.**
g. **09-29-2016 @1312 hrs. 115.63’ (blw mp) 115.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **10-08-2017 @ 1424 hrs. 115.68’ (blw mp) 115.23’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-22-2018 @ 1414 hrs. 115.51’ (blw mp) 115.06’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-07-2019 @ 1356 hrs. 115.45’ (blw mp) 115.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **10-20-2020 @ 1411 hrs. 115.40’ (blw mp) 114.95’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-31-2021 @ 1340 hrs. 115.63’ (blw mp) 115.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-28-2022 @ 1332 hrs. 115.70’ (blw mp) 115.25’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2023 @ 1322 hrs. 115.56’ (blw mp) 115.11’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-10-2024 @ 1432 hrs. 115.63’ (blw mp) 115.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-03-2025 @ 1231 hrs. 115.61’ (blw mp) 115.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **09-29-2026 @ 1256 hrs. 115.65’ (blw mp) 115.20’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

D. HA 137A BIG SMOKY VALLEY—TONOPAH FLAT—SOUTHERN PART

1. **SITE ID: 375714117414201. 137A N01 E38 Section 12dadb1. No Drillers log. ALUM STOCK WELL. GPS Location: 375714.2/1174142.3 NAD83. Owner Unknown. Location: Esmeralda County.**

a. **09-21-2010 @ 1330 hrs. 58.38’ (blw mp) 57.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-12-2011 @ 0940 hrs. 58.31’ (blw mp) 57.31’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2012 @ 1220 hrs. 58.33’ (blw mp) 57.33’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-23-2013 @ 0740 hrs. 58.55’ (blw mp) 57.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-16-2014 @ 0830 hrs. 58.50’ (blw mp) 57.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-08-2015 @ 1356 hrs. 58.43’ (blw mp) 57.43’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-14-2016 @ 1346 hrs. 58.48’ (blw mp) 57.48’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-25-2017 @ 1316 hrs. 58.50’ (blw mp) 57.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-16-2018 @ 1400 hrs. 58.56’ (blw mp) 57.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **08-21-2019 @ 1337 hrs. 58.53’ (blw mp) 57.53’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **10-15-2020 @ 1054 hrs. 58.56’ (blw mp) 57.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-03-2021 @ 1327 hrs. 58.56’ (blw mp) 57.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-09-2022 @ 1339 hrs. 58.57’ (blw mp) 57.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-05-2023 @ 1400 hrs. 58.51’ (blw mp) 57.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-22-2024 @ 1318 hrs. 58.57’ (blw mp) 57.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-13-2025 @ 1111 hrs. 58.58’ (blw mp) 57.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank full. Generator present.**
q. **09-25-2026 @ 1141 hrs. 58.64’ (blw mp) 57.64’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Tank full.**

2. **SITE ID: 381203117224301. 137A N04 E41 Section 16dbdb1. No Drillers Log. ROGERS STOCK WELL. GPS Location: 381203.4/1172233.8 NAD83. Owner Unknown. Location: Nye County.**

a. **09-18-1968 55.48’ (blw LS). Measurement by USGS.**

b. **09-21-2010 @ 1620 hrs. 58.98’ (blw mp) 58.98’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-12-2011 @ 1058 hrs. 59.11’ (blw mp) 59.11’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-13-2012 NO TIME. 59.10’ (blw mp) 59.10’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1910 hrs. 59.22’ (blw mp) 59.22’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-14-2014 @ 1800 hrs. 59.12’ (blw mp) 59.12’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-08-2015 @ 1515 hrs. 59.13’ (blw mp) 59.13’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-14-2016 @ 1500 hrs. 59.24’ (blw mp) 59.24’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-25-2017 @ 1435 hrs. 59.23’ (blw mp) 59.23’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-16-2018 @ 1511 hrs. 59.33’ (blw mp) 59.33’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-21-2019 @ 1445 hrs. 59.32’ (blw mp) 59.32’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-29-2020 @ 1435 hrs. 59.43’ (blw mp) 59.43’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-03-2021 @ 1441 hrs. 59.43’ (blw mp) 59.43’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-09-2022 @ 1450 hrs. 59.47’ (blw mp) 59.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-05-2023 @ 1513 hrs. 59.50’ (blw mp) 59.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-22-2024 @ 1548 hrs. 59.53’ (blw mp) 59.53’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **11-13-2025 @ 1244 hrs. 59.57’ (blw mp) 59.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Solar, tank full.**
r. **09-22-2026 @ 1345 hrs. 59.65’ (blw mp) 59.65’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Solar, tank full.**

3. **SITE ID: 383234117131401. 137A N08 E42 Section 24bbca1. Nevada Log #104134. MW-118 SEYLER RESERVOIR WELL. GPS Location: 383234.0/1171314.0 NAD83. Owner: Round Mt. Gold. Location: Nye County.**

a. **09-22-2010 @ 1037 hrs. 78.41' (blw mp) 77.11' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-12-2011 @ 1230 hrs. 77.81' (blw mp) 76.51' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-13-2012 @ 1645 hrs. 78.36' (blw mp) 77.06' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-22-2013 @ 1640 hrs. 78.79' (blw mp) 77.49' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-14-2014 @ 1612 hrs. 79.04' (blw mp) 77.74' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-23-2015 @ 1354 hrs. 79.47' (blw mp) 78.17' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-25-2016 @ 1416 hrs. 79.77' (blw mp) 78.47' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **10-04-2017 @ 1516 hrs. 80.60' (blw mp) 79.30' (blw LS). Atmospheric. Electric Tape. Msmt. by Round Mt. Gold. RMG procuring Water Quality Samples upon arrival.**
i. **09-24-2018 @ 1527 hrs. 80.30' (blw mp) 79.00 (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **08-29-2019 @ 1500 hrs. 80.31' (blw mp) 79.01' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **10-14-2020 @ 1537 hrs. 80.78' (blw mp) 79.48' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-15-2021 @ 1545 hrs. 81.12' (blw mp) 79.82' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-20-2022 @ 1517 hrs. 81.45' (blw mp) 80.15' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-15-2023 @ 1522 hrs. 81.34' (blw mp) 80.09' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-06-2024 @ 1545 hrs. 80.54' (blw mp) 79.24' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-05-2025 @ 1638 hrs. 81.28' (blw mp) 79.98' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Cover with lock**
q. **09-22-2026 @ 1228 hrs. 81.66' (blw mp) 80.36' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

E. HA 137B BIG SMOKY VALLEY---NORTHERN PART

1. **SITE ID: To Be Determined. 137B N15 E44 Section 35dacd1. No Drillers Log. BINGO WELL. GPS Location: 390617.5/1165936.8 NAD83. Owner Unknown. Location: Nye County.**

a. **10-12-2011 @ 1500 hrs. 27.99’ (blw mp) 24.35’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **09-13-2012 @ 1800 hrs. 27.95’ (blw mp) 24.31’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-22-2013 @ 1520 hrs. 28.04’ (blw mp) 24.40’(blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-14-2014 @ 1447 hrs. 28.08’ (blw mp) 24.44’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-11-2015 @ 0947 hrs. 28.18’ (blw mp) 24.54’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-17-2016 @ 0900 hrs. 28.24’ (blw mp) 24.60’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **10-04-2017 @ 1348 hrs. 28.41’ (blw mp) 24.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-24-2018 @ 1401 hrs. 28.49’ (blw mp) 24.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **08-29-2019 @ 1328 hrs. 28.53’ (blw mp) 24.89’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **10-14-2020 @ 1409 hrs. 28.63’ (blw mp) 24.99’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **10-15-2021 @ 1411 hrs. 28.72’ (blw mp) 25.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-20-2022 @ 1338 hrs. 28.78’ (blw mp) 25.14’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-15-2023 @ 1344 hrs. 28.43’ (blw mp) 24.79’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-06-2024 @ 1410 hrs. 28.51’ (blw mp) 24.87’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-24-2025 @ 1045 hrs. 28.64’ (blw mp) 25.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-22-2026 @ 1030 hrs. 28.72’ (blw mp) 25.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

2. **SITE ID: 392005116493401. 137B N17 E46 Section 06cdba1. No Drillers Log. UNUSED STOCK WELL. GPS LOCATION: 392022.4/1164946.2 NAD83. Owner Unknown. Location: Lander County. NOTE: This well is referenced in USGS Water Resources Bulletin #41. This bulletin references this well as having been owned by Consolidated Uranium Corp. Well is now abandoned, used for stock watering/monitoring purposes.**

a. **08-13-1968 131.40’ (blw LS). Measurement by USGS.**

b. **09-22-2010 @ 1619 hrs. 115.88’ (blw mp) 114.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-12-2011 @ 1758 hrs. 115.97’ (blw mp) 114.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-13-2012 @ 1900 hrs. 116.04’ (blw mp) 114.74’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1430 hrs. 116.15’ (blw mp) 114.85’ (blwLS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-14-2014 @ 1320 hrs. 116.29’ (blw mp) 114.99’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-11-2015 @ 0811 hrs. 116.56’ (blw mp) 115.26’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-17-2016 @ 0747 hrs. 116.77’ (blw mp) 115.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-28-2017 @ 0839 hrs. 116.97’ (blw mp) 115.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-24-2018 @ 1254 hrs. 117.07’ (blw mp) 115.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-24-2019 @ 0921 hrs. 117.24’ (blw mp) 115.94’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-02-2020 @ 0750 hrs. 117.50’ (blw mp) 116.20’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-06-2021 @ 0722 hrs. 117.59’ (blw mp) 116.29’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-12-2022 @ 0756 hrs. 117.72’ (blw mp) 116.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-08-2023 @ 0818 hrs. 117.77’ (blw mp) 116.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-25-2024 @ 0742 hrs. 117.78’ (blw mp) 116.46’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **11-24-2025 @ 0844 hrs. 117.75’ (blw mp) 116.45’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Unused well**
r. **09-13-2026 @ 1356 hrs. 117.70’ (blw mp) 116.40’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Casing cover was off**

F. HA 154 NEWARK VALLEY

1. SITE ID: 393100115372001. 154 N19 E56 Section 13bc 1. No Drillers Log. USGS MX #60. GPS LOCATION: 393106.3/1153731.6 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. 01-01-1981 51.00' (blw LS) Reported
b. 10-11-1991 49.39' (blw LS) USGS Measurement.
c. 09-23-2010 @ 1500 hrs. 52.25' (blw mp) 50.10' (blw LS). Atmospheric. Electric tape. CNRWA.
d. 09-18-2011 @ 1745 hrs. 52.27' (blw mp) 50.12' (blw LS). Atmospheric. Electric tape. CNRWA.
e. 09-17-2012 @ 1145 hrs. 52.29' (blw mp) 50.14' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
f. 09-26-2013 @ 1015 hrs. 52.30' (blw mp) 50.15' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
g. 09-26-2014 @ 1154 hrs. 52.33' (blw mp) 50.18' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
h. 09-10-2015 @ 1038 hrs. 52.39' (blw mp) 50.24' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
i. 09-15-2016 @ 1535 hrs. 52.42' (blw mp) 50.27' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
j. 09-26-2017 @ 1553 hrs. 52.46' (blw mp) 50.31' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
k. 09-17-2018 @ 1505 hrs. 52.48' (blw mp) 50.33' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
l. 08-22-2019 @ 1527 hrs. 52.51' (blw mp) 50.36' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
m. 09-30-2020 @ 1525 hrs. 52.59' (blw mp) 50.44' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
n. 10-04-2021 @ 1439 hrs. 52.62' (blw mp) 50.47' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
o. 10-11-2022 @ 1010 hrs. 52.66' (blw mp) 50.51' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
p. 10-06-2023 @ 1549 hrs. 52.67' (blw mp) 50.52' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
q. 09-23-2024 @ 1515 hrs. 52.69' (blw mp) 50.54' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
r. 10-23-2025 @ 1319 hrs. 52.71' (blw mp) 50.56' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.
s. 09-08-2026 @ 1123 hrs. 52.76' (blw mp) 50.61' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.

2. SITE ID: 391812115390501. 154 N17 E56 Section 34ab 1. Nevada Log #30124. PARIS STOCK WELL. GPS LOCATION: 391811.7/1153905.2 NAD83. Owner: Pete Paris Jr. Location: White Pine County.

a. 09-23-2010 @ 1627 hrs. 331.82' (blw mp) 330.47' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.

b. **09-18-2011 @ 1830 hrs. 326.32’ (blw mp) 324.97’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt,**
c. **09-17-2012 @ NO TIME. 329.14’ (blw mp) 327.79’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-25-2013 @ 0930 hrs. 326.09’ (blw mp) 324.74’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-25-2014 @ 1538 hrs. 312.22’ (blw mp) 310.87’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. USED STEEL TAPE WITH WEIGHTS.**
f. **09-25-2014 @ 1555 hrs. 312.15’ (blw mp) 310.80’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. USED STEEL TAPE WITH WEIGHTS. THIS IS A CHECK MEASUREMENT.**
g. **09-09-2015 @ 1447 hrs. 312.33’ (blw mp) 310.98’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. USED STEEL TAPE WITH WEIGHTS.**
h. **09-15-2016 @ 1421 hrs. 312.46’ (blw mp) 311.11’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
i. **09-26-2017 @ 1428 hrs. 312.34’ (blw mp) 310.99’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
j. **09-17-2018 @ 1405 hrs. 312.52’ (blw mp) 311.17’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
k. **08-22-2019 @ 1420 hrs. 312.52’ (blw mp) 311.17’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
l. **09-30-2020 @ 1421 hrs. Well pumping for oil/gas exploration rig ½ mile east. Road trashed.**
m. **10-04-2021 @ 1347 hrs. Oil & Gas Rig still on site. Likely pumping. No visit.**
n. **09-21-2022 @ 1330 hrs. No access, road closed (violators will be prosecuted): by order of White Pine County Road Dept.**
o. **11-14-2024 311.72’ (blw LS). Calib. Electric Tape. USGS msmt.**
p. **10-22-2025 @ 1513 hrs. 313.03’ (blw mp) 311.68’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Used weights to get past obstruction at 290’.**
q. **09-04-2026 @ 1214 hrs. 313.56’ (blw mp) 311.21’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Used weights to get past obstruction.**

3. **SITE ID: 394053115411701. 154 N21 E56 Section 20ab 1. No drillers Log. USGS MX #63. GPS LOCATION: 394042.7/1154117.5 NAD83. Owner: USGS-WRD. Location: White Pine County.**

a. **01-01-1981 31.00’ (blw LS) Reported**
b. **10-13-1991 32.96’ (blw LS) USGS msmt.**
c. **09-23-2010 @ 1341 hrs. 34.67’ (blw mp) 32.52’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-18-2011 @ 1645 hrs. 33.76’ (blw mp) 31.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

e. **09-17-2012 @ 1100 hrs. 34.57' (blw mp) 32.42' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-26-2013 @ 1100 hrs. 35.42' (blw mp) 33.27' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-26-2014 @ 1055 hrs. 35.84' (blw mp) 33.69' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-10-2015 @ 0949 hrs. 36.21' (blw mp) 34.06' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-16-2016 @ 1017 hrs. 36.43' (blw mp) 34.28' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-27-2017 @ 0927 hrs. 35.54' (blw mp) 33.39' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-18-2018 @ 1010 hrs. 35.61' (blw mp) 33.46' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **08-23-2019 @ 1012 hrs. 34.85' (blw mp) 32.70' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-01-2020 @ 0910 hrs. 33.75' (blw mp) 31.60' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-05-2021 @ 0854 hrs. 34.73' (blw mp) 32.58' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-11-2022 @ 0906 hrs. 35.36' (blw mp) 33.21' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-07-2023 @ 0922 hrs. 35.21' (blw mp) 33.06' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **09-24-2024 @ 0902 hrs. 33.91' (blw mp) 31.76' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
r. **10-23-2025 @ 1153 hrs. 34.72' (blw mp) 32.57' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
s. **09-07-2026 @ 1341 hrs. 35.27' (blw mp) 33.12' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

4. **SITE ID: 394727115391801. 154 N22 E56 Section 10ca 1. No Drillers Log. USGS MX #65.GPS LOCATION: 394724.1/1153926.8 NAD 83. Owner: USGS-WRD. Location: White Pine County.**

a.	**01-01-1981**	**25.00' (blw LS)**	**Reported**
b.	**03-01-1981**	**25.00' (blw LS)**	**Reported**
c.	**10-13-1991**	**25.65' (blw LS)**	**USGS msmt.**

d. **09-23-2010 @ 1200 hrs. 27.65' (blw mp) 25.55' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-18-2011 @ 1600 hrs. 27.62' (blw mp) 25.52' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-17-2012 @ 1030 hrs. 27.46’ (blw mp) 25.36’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
g. **09-26-2013 @ 1130 hrs. 27.11’ (blw mp) 25.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-26-2014 @ 0959 hrs. 27.71’ (blw mp) 25.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-10-2015 @ 0904 hrs. 27.82’ (blw mp) 25.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-16-2016 @ 0908 hrs. 27.92’ (blw mp) 25.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-27-2017 @ 0845 hrs. 27.96’ (blw mp) 25.86’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-18-2018 @ 0934 hrs. 27.98’ (blw mp) 25.88’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **08-23-2019 @ 0924 hrs. 27.69’ (blw mp) 25.59’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-01-2020 @ 0818 hrs. 27.65’ (blw mp) 25.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-05-2021 @ 0803 hrs. 27.79’ (blw mp) 25.69’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-11-2022 @ 0805 hrs. 27.87’ (blw mp) 25.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-07-2023 @ 0827 hrs. 27.51’ (blw mp) 25.41’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
r. **09-24-2024 @ 0805 hrs. 27.54’ (blw mp) 25.44’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
s. **10-23-2025 @1025 hrs. 27.62’ (blw mp) 25.52’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well marker post is down.**
t. **09-07-2026 @1224 hrs. 27.72’ (blw mp) 25.62’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

5. **SITE ID: 395151115401001. 154 N23 E56 Section 16db 1. No Drillers Log. USGS MX #66. GPS LOCATION: 395151.0/1154014.8 NAD83. Owner: USGS-WRD. Location: White Pine County.**

a.	**01-01-1981**	**96.00’ (blw LS)**	**Reported**
b.	**04-21-1983**	**96.80’ (blw LS)**	**USGS msmt**
c.	**10-14-1991**	**96.56’ (blw LS)**	**USGS msmt.**

d. **09-23-2010 @ 1100 hrs. 99.15’ (blw mp) 96.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **08-18-2011 @ 1530 hrs. 99.14’ (blw mp) 96.86’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Performed water test by adding 1-gallon water down hole.**

f. **09-17-2012 @ NO TIME. 99.21' (blw mp) 96.91' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Found well in good communication after last year's water test.**
g. **09-26-2013 @ 1200 hrs. 99.22' (blw mp) 96.92' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-26-2014 @ 0926 hrs. 99.25' (blw mp) 96.95' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-10-2015 @ 0826 hrs. 99.32' (blw mp) 97.02' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-16-2016 @ 0835 hrs. 99.37' (blw mp) 97.07' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-20-2017 @ 1053 hrs. 99.41' (blw mp) 97.11' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-18-2018 @ 0908 hrs. 99.50' (blw mp) 97.20' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **08-23-2019 @ 0853 hrs. 99.56' (blw mp) 97.26' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-01-2020 @ 0746 hrs. 99.64' (blw mp) 97.34' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-05-2021 @ 0730 hrs. 99.71' (blw mp) 97.41' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2022 @ 1049 hrs. 99.79' (blw mp) 97.49' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **10-07-2023 @ 0750 hrs. 99.82' (blw mp) 97.52' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
r. **09-13-2024 @ 1105 hrs. 99.80' (blw mp) 97.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
s. **10-23-2025 @ 0924 hrs. 99.84' (blw mp) 97.54' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
t. **09-07-2026 @ 1129 hrs. 99.95' (blw mp) 97.65' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

6. **SITE ID: 392218115472801. 154 N17 E55 Section 04cbaa1. No Drillers Log. 18-MILE STOCK WELL. GPS LOCATION: 392218.9/1154723.0 NAD83. Owner Unknown. Location: White Pine County.**

a. **09-23-2010 @ 0844 hrs. 68.64' (blw mp) 66.24' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **09-18-2011 @ 1425 hrs. 69.04' (blw mp) 66.64' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-17-2012 @ 0900 hrs. 69.48' (blw mp) 67.08' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

d. **09-26-2013 @ 1300 hrs. 69.92' (blw mp) 67.52' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-26-2014 @ 0817 hrs. 70.25' (blw mp) 67.85' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-09-2015 @ 1603 hrs. 70.51' (blw mp) 68.11' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-08-2016 @ 1321 hrs. 70.93' (blw mp) 68.53' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Many Antelope at well.**
h. **09-18-2017 @ 1318 hrs. Found old well dry.**
i. **09-10-2018 @ 1409 hrs. 70.18' (blw mp) 68.98' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. This is "new" well (18-mile well), as measured by NDWR. "Old" well dry.**
j. **08-15-2019 @ 1337 hrs. 71.14' (blw mp) 69.94' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
k. **09-20-2020 @1400 hrs. 71.73' (blw mp) 70.53' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
l. **09-22-2021 @ 1410 hrs. 70.75' (blw mp) 69.55' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-21-2022 @ 1300 hrs. 72.62' (blw mp) 71.42' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-26-2023 @1344 hrs. 72.52' (blw mp) 71.32' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-11-2024 @ 1427 hrs. 73.15' (blw mp) 71.95' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-29-2025 @ 1239 hrs. 73.67' (blw mp) 72.47' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Used weights to get past obstruction.**
q. **09-08-2026 @ 1259 hrs. 74.06' (blw mp) 72.86' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Used weights to get past obstruction.**

G. HA 173A RAILROAD VALLEY---SOUTHERN PART

1. SITE ID: 375644116033301. 173A N01 E53 Section 18cacd1. No Drillers Log. USGS MX #101. GPS LOCATION: 375644.0/1160332.6 NAD83. Owner: USGS-WRD. Location: Nye County.

a. **03-30-2009 @ 1240 hrs. 118.61' (blw mp) 118.21' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-22-2010—No Access, well head cover installed by USGS. CNRWA had no tool.**
c. **10-13-2011 @ 1510 hrs. 118.58' (blw mp) 118.18' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-20-2012 @ 0930 hrs. 118.56' (blw mp) 118.16' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

e. **09-22-2013 @ 1220 hrs. 118.59’ (blw mp) 118.19’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2014 @ 0815 hrs. 118.69’ (blw mp) 118.29’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 0836 hrs. 118.92’ (blw mp) 118.52’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2016 @ 0830 hrs. 119.15’ (blw mp) 118.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 0905 hrs. 119.21’ (blw mp) 118.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 0820 hrs. 119.41’ (blw mp) 119.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 0816 hrs. 119.40’ (blw mp) 119.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-30-2020 @ 0804 hrs. 119.69’ (blw mp) 119.29’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-04-2021 @ 0809 hrs. 119.81’ (blw mp) 119.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-10-2022 @ 0830 hrs. 119.94’ (blw mp) 119.54’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-06-2023 @ 0841 hrs. 120.15’ (blw mp) 119.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2024 @ 0758 hrs. 120.32’ (blw mp) 119.92’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-20-2025 Not Measured. Need special tool to open well access.**
r. **09-04-2026 Not Measured. Need special tool to open well access.**

H. HA 173B RAILROAD VALLEY---NORTHERN PART

1. SITE ID: 380906116050502. 173B N03 E52 Section 02dacb2. No Drillers Log. USGS MX #225. GPS LOCATION: 380906.0/1160516.2 NAD83. Owner: USGS-WRD. Location: Nye County.

a. **03-31-2009 @ 0828 hrs. 235.48’ (blw mp) 234.98’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-22-2010 @ 1345 hrs. 235.92’ (blw mp) 235.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-13-2011 @ 1400 hrs. 235.66’ (blw mp) 235.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-20-2012 @ 0900 hrs. 236.05’ (blw mp) 235.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

e. **09-22-2013 @ 1300 hrs. 236.09’ (blw mp) 235.59’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2014 @ 0900 hrs. 236.27’ (blw mp) 235.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 0921 hrs. 236.52’ (blw mp) 236.02’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2016 @ 0907 hrs. 236.80’ (blw mp) 236.30’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 0947 hrs. 237.06’ (blw mp) 236.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 0853 hrs. 237.33’ (blw mp) 236.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 0912 hrs. 237.53’ (blw mp) 237.03’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-30-2020 @ 0836 hrs. 237.93’ (blw mp) 237.43’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-04-2021 @ 0841 hrs. 238.14’ (blw mp) 237.64’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-10-2022 @ 0905 hrs. 238.49’ (blw mp) 237.99’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Full USGS GOES System installed.**
o. **10-06-2023 @ 0929 hrs. 238.75’ (blw mp) 238.25’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2024 @ 0832 hrs. 239.08’ (blw mp) 238.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-20-2025 Not Measured. Need key to unlock well access.**
r. **09-04-2026 Not Measured. Need key to unlock well access.**

2. SITE ID: 381603115520901. 173B N05 E54 Section 26dcbb1. No Drillers Log. USGS MX #107. GPS LOCATION: 381604.2/1155209.3 NAD83. Owner: USGS-WRD. Location: Nye County.

a. **04-01-2009 @ 1050 hrs. 74.77’ (blw mp) 72.27’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-22-2010 @ 1505 hrs. 75.05’ (blw mp) 72.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-13-2011 @ 1250 hrs. 75.39’ (blw mp) 72.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-20-2012 @ 0810 hrs. 75.64’ (blw mp) 73.14’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1310 hrs. 76.03’ (blw mp) 73.53’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-25-2014 @ 0953 hrs. 76.48' (blw mp) 73.98' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 1007 hrs. 76.81' (blw mp) 74.31' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2016 @ 0951 hrs. 77.13' (blw mp) 74.63' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 1026 hrs. 77.56' (blw mp) 75.06' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 0932 hrs. 77.89' (blw mp) 75.39' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 1012 hrs. 76.75' (blw mp) 76.75' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well head heavily damaged by cattle. Broken off @ LS. Made rudimentary repair.**
l. **09-30-2020 @ 0927 hrs. Well destroyed. Sanded in. Sounds @ 64 feet.**

- **SITE ID: TBD. 173B N05 E54 Section 34d1. No Drillers Log. STONE CORRAL STOCK WELL. GPS LOCATION: 38.25605/115.88374 SPOT. Lat. 381521.8/long. 1155301.5. Owner unknown. Well Depth Unknown. Location: Nye County.**

a. **09-30-2020 @ 0940 hrs. 84.93' (blw mp) 84.33' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **10-04-2021 @ 0920 hrs. 85.34' (blw mp) 84.74' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-10-2022 @ 0952 hrs. 85.70' (blw mp) 85.10' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **10-06-2023 @ 1015 hrs. 86.02' (blw mp) 85.42' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-23-2024 @ 0919 hrs. 86.31' (blw mp) 85.71' (blw LS). Atmospheric. Electric tape. CNRWA msmt. All sucker pipe removed. Now open csg. Covered w/large rock on departure.**
f. **10-20-2025 @ 1110 hrs. 86.64' (blw mp) 86.04' (blw LS). Atmospheric. Electric tape. CNRWA msmt. Abandoned well**
g. **09-04-2026 @ 1833 hrs. 86.92' (blw mp) 86.32' (blw LS). Atmospheric. Electric tape. CNRWA msmt. Abandoned well. Open casing with a few minor obstructions. Covered casing on departure.**

3. SITE ID: 382855115321801. 173B N07 E57 Section 11bcdd1. No Drillers Log. USGS MX #112. GPS LOCATION: 382848.7/1153208.4 NAD83. Owner: USGS-WRD. Location: Nye County.

a. **04-14-2009 @ 1041 hrs. 124.09' (blw mp) 121.39' (blw LS). Atmospheric. Electric Tape. USGS msmt.**

b. **03-22-2010 @ 1740 hrs. 124.08’ (blw mp) 121.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-13-2011 @ 1048 hrs. 124.12’ (blw mp) 121.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Drilled Vent Hole in Cap. Water Test.**
d. **09-20-2012 @ 0715 hrs. 122.03’ (blw mp) 119.33’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1400 hrs. 122.14’ (blw mp) 119.44’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2014 @ 1201 hrs. 122.89’ (blw mp) 120.19’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 1131 hrs. 123.11’ (blw mp) 120.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2016 @ 1112 hrs. 123.35’ (blw mp) 120.65’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 1144 hrs. 123.59’ (blw mp) 120.89’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 1051 hrs. 123.82’ (blw mp) 121.12’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 1123 hrs. 124.00’ (blw mp) 121.30’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-30-2020 @ 1105 hrs. 124.19’ (blw mp) 121.49’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
m. **10-04-2021 @ 1050 hrs. 124.33’ (blw mp) 121.63’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-10-2022 @ 1125 hrs. 124.46’ (blw mp) 121.76’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-06-2023 @ 1149 hrs. 124.58’ (blw mp) 121.88’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2024 @ 1101 hrs. 119.06’ (blw mp) 116.36’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Consider erroneous. Slug Tested Spring of 2024 & transducer installed by USGS. CNRWA add 1-gallon water upon departure 9-23-2024. Removed Transducer. Returned to USGS.**
q. **10-20-2025 @ 1241 hrs. 123.41’ (blw mp) 120.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-04-2026 @ 1712 hrs. 125.27’ (blw mp) 122.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

4. SITE ID: 390706115341601. 173B N15 E57 Section 33 cb1. Nevada Log # 29575. GREEN SPRINGS WELL. GPS LOCATION: 390706.0/1153415.5 NAD83. Owner: US Minerals (USMX). Location: White Pine Co.

a. **04-13-2009 @ 1601 hrs. 42.84' (blw mp) 41.34' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-23-2010 @ 0730 hrs. 42.61' (blw mp) 41.11' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-21-2011 @ 1315 hrs. 43.75' (blw mp) 42.25' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-17-2012 @ 1327 hrs. 40.74' (blw mp) 39.24' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-26-2013 @ 0850 hrs. 42.33' (blw mp) 40.83' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2014 @ 1432 hrs. 43.15' (blw mp) 41.65' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 1406 hrs. 47.29' (blw mp) 45.79' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2016 @ 1332 hrs. 47.32' (blw mp) 45.82' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 1350 hrs. 46.25' (blw mp) 44.75' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 1309 hrs. 48.11' (blw mp) 46.61' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 1321 hrs. 44.33' (blw mp) 42.83' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-30-2020 @ 1307 hrs. 41.19' (blw mp) 39.69' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-04-2021 @ 1250 hrs. 43.90' (blw mp) 42.40' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-10-2022 @ 1339 hrs. 46.58' (blw mp) 45.08' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-06-2023 @ 1419 hrs. 47.22' (blw mp) 45.72' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2024 @ 1351 hrs. 46.60' (blw mp) 45.10' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-20-2025 @ 1442 hrs. 45.93' (blw mp) 44.43' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-04-2026 @ 1052 hrs. 48.13' (blw mp) 46.63' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

5. SITE ID: 384920115343001. 173B N11 E57 Section 09cdb 1. No Drillers Log. BULL CREEK WELL NUMBER 1. GPS LOCATION: 384926.7/1153413.2 NAD83. Owner: USBLM. Location: Nye County.

a. **05-05-2009 @ 1630 hrs. 160.39' (blw mp) 159.19' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-22-2010 @ 1850 hrs. 160.86' (blw mp) 159.66' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-13-2011 @ 0920 hrs. 161.63' (blw mp) 160.43' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-20-2012 @ 0615 hrs. 161.70' (blw mp) 160.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1545 hrs. 161.60' (blw mp) 160.40' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2014 @ 1316 hrs. 161.23' (blw mp) 160.03' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-09-2015 @ 1245 hrs. 161.42' (blw mp) 160.22' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
h. **09-15-2016 @ 1222 hrs. 161.51' (blw mp) 160.31' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-26-2017 @ 1234 hrs. 160.80' (blw mp) 159.60' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-17-2018 @ 1206 hrs. 161.60' (blw mp) 160.40' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-22-2019 @ 1215 hrs. 161.93' (blw mp) 160.73' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-30-2020 @ 1207 hrs. 161.94' (blw mp) 160.74' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-04-2021 @ 1152 hrs. 161.99' (blw mp) 160.79' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-10-2022 @ 1225 hrs. 163.38' (blw mp) 160.78' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-06-2023 @ 1253 hrs. 163.70' (blw mp) 161.10' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-23-2024 @ 1244 hrs. 164.02' (blw mp) 161.42' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-20-2025 @ 1341 hrs. 164.47' (blw mp) 161.87' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-04-2026 @ 0912 hrs. 164.94' (blw mp) 162.34' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

I. HA 175 LONG VALLEY (CENTRAL NEVADA)

1. **SITE ID: 393624115244601. 175 N20 E58 Section 14bdab1. No Drillers Log. SUNSHINE WELL. GPS LOCATION: 393624.5/1152443.6 NAD83. Owner Unknown. Location: White Pine County.**

a. **01-13-1948 112.56' (blw LS) USGS GW Reconnaissance Series Report #3. Thomas Eakin.**
b. **10-17-1957 114.95' (blw LS) USGS GW Reconnaissance Series Report #3. Thomas Eakin.**
c. **09-11-2007 @1013 hrs. 115.56' (blw mp) 115.36' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
d. **10-03-2009 115.3' (blw LS). Atmospheric. Electric tape. USGS msmt.**
e. **03-23-2010 @ 1400 hrs. 118.25' (blw mp) 118.05' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **09-20-2011 @ 1300 hrs. 120.06' (blw mp) 119.86' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
g. **09-19-2012 @ 1310 hrs. 117.14' (blw mp) 116.94' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
h. **09-25-2013 @ 1205 hrs. 120.89' (blw mp) 120.69' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
i. **09-26-2014 @ 1311 hrs. 115.39' (blw mp) 115.19' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-10-2015 @ 1134 hrs. 115.49' (blw mp) 115.29' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-16-2016 @ 1151 hrs. 115.45' (blw mp) 115.25' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-27-2017 @ 1049 hrs. 115.50' (blw mp) 115.30' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-18-2018 @ 1117 hrs. 115.45' (blw mp) 115.25' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **08-23-2019 @ 1208 hrs. 115.49' (blw mp) 115.29' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-01-2020 @ 1043 hrs. 115.50' (blw mp) 115.30' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-05-2021 @ 1035 hrs. 115.47' (blw mp) 115.27' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-11-2022 @ 1130 hrs. 115.54' (blw mp) 115.34' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
r. **10-07-2023 @ 1038 hrs. 115.61' (blw mp) 115.41' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**

s. **09-24-2024 @ 1053 hrs. 115.29' (blw mp) 115.09' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
t. **10-22-2025 @ 0819 hrs. 115.45' (blw mp) 115.25' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
u. **09-08-2026 @ 1013 hrs. 115.65' (blw mp) 115.45' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

2. **SITE ID: 394117115275801. 175 N21 E58 Section 17ca 1. No Drillers Log. USGS MX #122. GPS LOCATION: 394124.1/1152754.5 NAD83. Owner: USGS-WRD. Location: White Pine County.**

Please Note the Corrected DTW for the visits of (09-20-2011) and (09-19-2012)*

a. **09-12-2007 @ NO TIME. 104.16' (blw mp) 102.16' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-08-2010 @ 0830 hrs. 103.91' (blw mp) 102.11' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-20-2011 @ 1240 hrs. 103.94' (blw mp) 101.94' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. DTW blw LS is a CORRECTION due to CORRECTED Measuring Point.***
d. **09-19-2012 @ NO TIME. 103.95' (blw mp) 101.95' (blw LS). Atmospheric. Steel Tape. CNRWA msmt. DTW blw LS is a CORRECTION due to CORRECTED Measuring Point.***
e. **09-25-2013 @ 1140 hrs. 103.94' (blw mp) 101.94' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **09-26-2014 @ 1349 hrs. 104.13' (blw mp) 102.33' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2015 @ 1215 hrs. 104.16' (blw mp) 102.36' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-16-2016 @ 1248 hrs. 103.98' (blw mp) 102.18' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-27-2017 @ 1132 hrs. 104.02' (blw mp) 102.22' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-18-2018 @ 1158 hrs. 104.04' (blw mp) 102.24' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-23-2019 @ 1255 hrs. 104.06' (blw mp) 102.26' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-01-2020 @ 1144 hrs. 104.16' (blw mp) 102.36' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-05-2021 @ 1112 hrs. 104.17' (blw mp) 102.37' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-11-2022 @ 1206 hrs. 104.21' (blw mp) 102.41' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

o. **10-07-2023 @ 1115 hrs. 104.24’ (blw mp) 102.44’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
p. **09-24-2024 @ 1128 hrs. 104.28’ (blw mp) 102.48’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-22-2025 @ 0845 hrs. 104.22’ (blw mp) 102.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-07-2026 @ 1535 hrs. 104.38’ (blw mp) 102.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

3. **SITE ID: 394340115252501. 175 N22 E58 Section 34dc 1. No Drillers Log. USGS MX #125. GPS LOCATION: 394336.8/1152533.7 NAD83. Owner: USGS-WRD. Location: White Pine County.**

a.	**01-01-1981**	**49.00’ (blw LS)**	**Reported.**
b.	**03-01-1981**	**50.00’ (blw LS)**	**Reported.**
c.	**09-30-1991**	**48.14’ (blw LS)**	**USGS msmt.**

a. **09-12-2007 @ NO TIME. 50.37’ (blw mp) 48.42’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-08-2010 @ 0900 hrs. 50.41’ (blw mp) 48.46’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2011 @ 1200 hrs. 50.46’ (blw mp) 48.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-19-2012 @ 1220 hrs. 50.56’ (blw mp) 48.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-25-2013 @ 1120 hrs. 50.61’ (blw mp) 48.66’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-26-2014 @ 1424 hrs. 50.62’ (blw mp) 48.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2015 @ 1316 hrs. 50.67’ (blw mp) 48.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-16-2016 @ 1334 hrs. 50.70’ (blw mp) 48.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-27-2017 @ 1203 hrs. 50.74’ (blw mp) 48.79’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
j. **09-18-2018 @ 1222 hrs. 50.77’ (blw mp) 48.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-23-2019 @ 1324 hrs. 50.79’ (blw mp) 48.84’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-01-2020 @ 1221 hrs. 50.83’ (blw mp) 48.88’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
m. **10-05-2021 @ 1147 hrs. 50.87’ (blw mp) 48.92’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

n. **10-11-2022 @ 1236 hrs. 50.93’ (blw mp) 48.98’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-07-2023 @ 1155 hrs. 50.97’ (blw mp) 49.02’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-24-2024 @ 1211 hrs. 51.02’ (blw mp) 49.07’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-22-2025 @ 0912 hrs. 51.01’ (blw mp) 49.06’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-07-2026 @ 1607 hrs. 51.03’ (blw mp) 49.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

4. **SITE ID: 394519115194501. 175 N22 E59 Section 28ba 1. No Drillers Log. NICKS STOCK WELL. GPS LOCATION: 394519.1/1151945.0 NAD83. Owner Unknown (NICK). Location: White Pine County. NOTE: SEE USGS WATER RESOURCES RECONNAISSANCE REPORT #3. LONG VALLEY, 1961 BY THOMAS EAKIN FOR DETAILS REGARDING THE EARLY HISTORY OF THIS WELL.**

   a. **10-18-1957 62.81’ (blw LS) USGS Reconnaissance Report #3. Thomas Eakin.**
   b. **03-01-1961 62.98’ (blw LS) USGS Reconnaissance Report #3. Thomas Eakin.**
   c. **09-12-2007 @ 1625 hrs. 65.45’ (blw mp) 65.45’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
   d. **09-08-2010 @ 1100 hrs. 67.31’ (blw mp) 65.17’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. NOTE: Well Head has been extended. No longer flush @ LS. New MP height is +2.14 ft. above Land Surface.**
   e. **09-20-2011 @ 1150 hrs. 67.60’ (blw mp) 65.46’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
   f. **09-19-2012 @ 1200 hrs. 67.32’ (blw mp) 65.18’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
   g. **09-25-2013 @ 1100 hrs. 67.38’ (blw mp) 65.24’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
   h. **09-26-2014 @ 1700 hrs. 67.14’ (blw mp) 65.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
   i. **09-10-2015 @ 1534 hrs. 67.41’ (blw mp) 65.27’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
   j. **09-16-2016 @ 1604 hrs. 67.52’ (blw mp) 65.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
   k. **09-27-2017 @ 1430 hrs. 67.51’ (blw mp) 65.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

l. **09-18-2018 @ 1428 hrs. 67.64' (blw mp) 65.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **08-23-2019 @ 1352 hrs. 67.40' (blw mp) 65.26' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-01-2020 @ 1252 hrs. 67.80' (blw mp) 65.66' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-05-2021 @ 1300 hrs. 67.87' (blw mp) 65.73' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-11-2022 @ 1506 hrs. 67.92' (blw mp) 65.78' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-07-2023 @ 1445 hrs. 67.61' (blw mp) 65.47' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-24-2024 @ 1415 hrs. 67.63' (blw mp) 65.49' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
s. **10-22-2025 @ 0945 hrs. 67.79' (blw mp) 65.65' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
t. **09-08-2026 @ 0853 hrs. 67.94' (blw mp) 65.80' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

5. **SITE ID: 395013115252801. 175 N23 E58 Section 27ca 1. No Drillers Log. USGS MX #128. GPS LOCATION: 395012.8/1152540.6 NAD83. Owner: USGS-WRD. Location: White Pine County.**

a. **09-13-2007 @ 1625 hrs. 108.17' (blw mp) 106.37' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-23-2010 @ 1800 hrs. 108.28' (blw mp) 106.48' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2011 @ 1015 hrs. 108.35' (blw mp) 106.55' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-19-2012 @ 1140 hrs. 108.43' (blw mp) 106.63' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-25-2013 @ 1040 hrs. 108.49' (blw mp) 106.69' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-26-2014 @ 1453 hrs. 108.52' (blw mp) 106.72' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2015 @ 1342 hrs. 108.60' (blw mp) 106.80' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-16-2016 @ 1400 hrs. 108.70' (blw mp) 106.90' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-27-2017 @ 1233 hrs. 108.81' (blw mp) 107.01' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

j. **09-18-2018 @ 1254 hrs. 108.89’ (blw mp) 107.09’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-23-2019 @ 1428 hrs. 108.95’ (blw mp) 107.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-01-2020 @ 1325 hrs. 109.08’ (blw mp) 107.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-05-2021 @ 1221 hrs. 109.18’ (blw mp) 107.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-11-2022 @ 1315 hrs. 109.28’ (blw mp) 107.48’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-07-2023 @ 1223 hrs. 109.19’ (blw mp) 107.39’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-24-2024 @ 1242 hrs. 109.18’ (blw mp) 107.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-21-2025 @ 1629 hrs. 109.24’ (blw mp) 107.44’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-07-2026 @ 1635 hrs. 109.28’ (blw mp) 107.48’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

6. **SITE ID: 395535115184601. 175 N24 E59 Section 27ab 1. No Drillers Log. USGS MX #132. GPS LOCATION: 395546.4/1151845.2 NAD83. Owner: USGS-WRD. Location: White Pine County.**

a. **09-13-2007 @ 1247 hrs. 60.48’ (blw mp) 58.28’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-08-2010 @ 1010 hrs. 60.57’ (blw mp) 58.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2011 @ 1050 hrs. 60.61’ (blw mp) 58.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-19-2012 @ 1100 hrs. 60.71’ (blw mp) 58.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-25-2013 @ 1000 hrs. 60.74’ (blw mp) 58.54’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-26-2014 @ 1553 hrs. 60.77’ (blw mp) 58.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2015 @ 1430 hrs. 60.84’ (blw mp) 58.64’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-16-2016 @ 1500 hrs. 60.92’ (blw mp) 58.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-27-2017 @ 1323 hrs. 60.78’ (blw mp) 58.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

j. **09-18-2018 @ 1335 hrs. 60.85’ (blw mp) 58.65’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-23-2019 @ 1515 hrs. 60.94’ (blw mp) 58.74’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-01-2020 @ 1425 hrs. 61.02’ (blw mp) 58.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-05-2021 @ 1440 hrs. 61.07’ (blw mp) 58.87’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-11-2022 @ 1419 hrs. 61.17’ (blw mp) 58.97’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-07-2023 @ 1323 hrs. 61.19’ (blw mp) 58.99’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-24-2024 @ 1340 hrs. 61.24’ (blw mp) 59.04’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-21-2025 @ 1558 hrs. 61.21’ (blw mp) 59.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-07-2026 @ 1711 hrs. 61.29’ (blw mp) 59.09’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

J. HA 178B--BUTTE VALLEY---SOUTHERN PORTION

1. **SITE ID: 393807115080301. 178B N21 E61 Section 33dc 1. No Drillers Log. USGS MX #139. GPS LOCATION: 393821.9/1150653.0 NAD83. Owner: USGS-WRD. Location White Pine County.**
09-22-2022: Well Sanded-in. Destroyed.

a. **05-07-2009 @ 1046 hrs. 78.85’ (blw mp) 76.70’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **04-24-2010 @ 0750 hrs. 78.84’ (blw mp) 76.69’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 0830 hrs. 78.90’ (blw mp) 76.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Performed Water Test for Communication. Added 1-gallon of water this visit.**
d. **09-18-2012 @ 0815 hrs. 78.85’ (blw mp) 76.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Found well to be in good communication with aquifer.**
e. **09-24-2013 @ 1000 hrs. 78.84’ (blw mp) 76.69’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 0854 hrs. 78.84’ (blw mp) 76.69’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-03-2015 @ 0947 hrs. 78.86’ (blw mp) 76.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 0832 hrs. 79.00’ (blw mp) 76.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

i. **09-19-2017 @ 0816 hrs. 79.00’ (blw mp) 76.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 0907 hrs. 79.08’ (blw mp) 76.93’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 0931 hrs. 76.50’ (blw mp) 76.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well Head damaged (cow/horse?). Capped @ LS.**
l. **09-21-2020 @ 0847 hrs. 78.96’ (blw mp) 76.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Repair well head and install new 2” PVC riser. Well operational.**
m. **09-23-2021 @ 0934 hrs. 74.66’ (blw mp) 72.26’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Found riser pipe removed from well head—repaired. Performed water test for communication. Add one gallon of water to well. Suspect human intervention here.**
n. **09-22-2022 @ 0810 hrs. Record Static @ 46.3’ blw LS. Well considered sanded-in. No communication. Removed from Network.**

1A. SITE ID: 394020115043001. 178B N21 E61 Section 22aa1. No Drillers Log. USGS MX #137. GPS LOCATION: 39.68049/115.05923 (SPOT DEVICE). Owner: USGS-WRD. Location: White Pine County

a. **10-10-1991 54.08’ WL Reported. USGS.**
b. **09-22-2022 @ 0901 hrs. 57.25’ (blw mp) 55.05’ (blw LS). Atmospheric. Electric Tape. CNRWA .**
c. **09-27-2023 @ 0903 hrs. 57.43’ (blw mp) 55.23’ (blw LS). Atmospheric. Electric Tape. CNRWA.**
d. **09-12-2024 @ 0842 hrs. 57.05’ (blw mp) 54.85’ (blw LS). Atmospheric. Electric Tape. CNRWA.**
e. **10-21-2025 @ 0850 hrs. 56.97’ (blw mp) 54.77’ (blw LS). Atmospheric. Electric Tape. CNRWA.**
f. **09-11-2026 @ 1229 hrs. 57.20’ (blw mp) 55.00’ (blw LS). Atmospheric. Electric Tape. CNRWA.**

2. SITE ID: 394232115081101. 178B N21 E61 Section 07ac 1. No Drillers Log. USGS MX #136. GPS LOCATION: 394221.7/1150716.8 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. **05-07-2009 @ 1344 hrs. 80.82’ (blw mp) 79.02’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 0900 hrs. 81.08’ (blw mp) 79.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Vented and oiled cap.**
c. **09-19-2011 @ 0930 hrs. 81.07’ (blw mp) 79.27’ (blw LS). Atmospheric. Electric tape. CNRWA msmt. Note: Performed Water Test for Communication. Added 1-gallon of water this visit.**
d. **09-18-2012 @ 0845 hrs. 81.03’ (blw mp) 79.23’ (blw LS). Atmospheric. Electric tape. CNRWA msmt. Note: Found well to be in good communication with aquifer.**
e. **09-24-2013 @ 1020 hrs. 81.10’ (blw mp) 79.30’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 0940 hrs. 81.24’ (blw mp) 79.44’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-03-2015 @ 1025 hrs. 81.41' (blw mp) 79.61' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 0911 hrs. 81.69' (blw mp) 79.89' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 0857 hrs. 81.78' (blw mp) 79.98' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 0939 hrs. 81.93' (blw mp) 80.13' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1014 hrs. 81.91' (blw mp) 80.11 (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 0949 hrs. 81.74' (blw mp) 79.94' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1019 hrs. 81.72' (blw mp) 79.92' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 0939 hrs. 81.88' (blw mp) 80.08' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 0935 hrs. 81.84' (blw mp) 80.04' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 0917 hrs. 81.77' (blw mp) 79.97' (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **10-21-2025 @ 0922 hrs. 81.79' (blw mp) 79.99' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-11-2026 @ 1341 hrs. 81.85' (blw mp) 80.05' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

3. SITE ID: 394709115124501. 178B N22 E60 Section 09 db 1. No Drillers Log. USGS MX #140. GPS LOCATION: 394725.8/1151257.3 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. **06-02-2009 @ 1019 hrs. 51.13' (blw mp) 48.98' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 0945 hrs. 51.33' (blw mp) 49.18' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1010 hrs. 51.39' (blw mp) 49.24' (blw LS). Atmospheric. Electric Tape CNRWA msmt.**
d. **09-18-2012 @ 0920 hrs. 51.47' (blw mp) 49.32' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-24-2013 @ 1100 hrs. 51.50' (blw mp) 49.35' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 1048 hrs. 51.59' (blw mp) 49.44' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-03-2015 @ 1111 hrs. 51.62’ (blw mp) 49.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 0952 hrs. 51.71’ (blw mp) 49.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 0944 hrs. 51.82’ (blw mp) 49.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1023 hrs. 51.81’ (blw mp) 49.66’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1056 hrs. 51.73’ (blw mp) 49.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1033 hrs. 51.92’ (blw mp) 49.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1100 hrs. 51.86’ (blw mp) 49.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1010 hrs. 52.09’ (blw mp) 49.94’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1025 hrs. 52.00’ (blw mp) 49.85’ (blw LS). Atmospheric. Electric Tape CNRWA msmt.**
p. **09-12-2024 @ 1004 hrs. 52.09’ (blw mp) 49.94’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-21-2025 @ 1020 hrs. 52.15’ (blw mp) 50.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-11-2026 @ 1437 hrs. 52.17’ (blw mp) 50.02’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

4. SITE ID: 395211115054301. 178B N23 E61 Section 08ddca1. No Drillers Log. USGS MX #141. GPS LOCATION: 395228.0/1150533.2 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. **06-02-2009 @ 1341 hrs. 107.61’ (blw mp) 105.21’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 1040 hrs. 107.96’ (blw mp) 105.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1055 hrs. 108.12’ (blw mp) 105.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-18-2012 @ 0955 hrs. 108.21’ (blw mp) 105.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-24-2013 @ 1215 hrs. 108.23’ (blw mp) 105.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 1142 hrs. 108.34’ (blw mp) 105.94’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-03-2015 @ 1207 hrs. 108.37’ (blw mp) 105.97’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 1045 hrs. 108.56’ (blw mp) 106.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 1024 hrs. 108.76’ (blw mp) 106.36’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1106 hrs. 108.82’ (blw mp) 106.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1138 hrs. 108.78’ (blw mp) 106.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1115 hrs. 108.75’ (blw mp) 106.35’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1125 hrs. 108.66’ (blw mp) 106.26’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1040 hrs. 108.71’ (blw mp) 106.31’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1109 hrs. 108.53’ (blw mp) 106.13’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 1053 hrs. 108.29’ (blw mp) 105.89’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **10-21-2025 @ 1111 hrs. 108.32’ (blw mp) 105.92’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-11-2026 @ 1556 hrs. 108.31’ (blw mp) 105.91’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

5. SITE ID: 395853115075101. 178B N24 E61 Section 06da 1. No Drillers Log. USGS MX #143. GPS LOCATION: 395843.6/1150641.7 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. **06-03-2009 @ 1035 hrs. 80.33’ (blw mp) 78.18’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 1120 hrs. 80.34’ (blw mp) 78.19’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1150 hrs. 80.29’ (blw mp) 78.14’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Performed water test for communication. Added 1-gallon water this visit.**
d. **09-18-2012 @ 1040 hrs. 80.33’ (blw mp) 78.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Found well to be in good communication with aquifer.**
e. **09-24-2013 @ 1300 hrs. 80.30’ (blw mp) 78.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 1226 hrs. 80.31’ (blw mp) 78.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-03-2015 @ 1257 hrs. 80.31’ (blw mp) 78.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 1127 hrs. 80.42’ (blw mp) 78.27’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 1102 hrs. 80.23’ (blw mp) 78.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1142 hrs. 80.13’ (blw mp) 77.98’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1222 hrs. 79.96’ (blw mp) 77.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1154 hrs. 79.86’ (blw mp) 77.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1148 hrs. 79.82’ (blw mp) 77.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1138 hrs. 80.00’ (blw mp) 77.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1145 hrs. 79.96’ (blw mp) 77.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 1145 hrs. 79.44’ (blw mp) 77.29’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **10-21-2025 @ 1208 hrs. 79.43’ (blw mp) 77.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-11-2026 @ 1659 hrs. 79.44’ (blw mp) 77.29’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

6. SITE ID: 400557115055701. 178B N26 E61 Section 28ca 1. No Drillers Log. USGS MX #144. GPS LOCATION: 400558.3/1150612.7 NAD83. Owner: USGS-WRD. Location: White Pine County.

a. **06-03-2009 @ 1501 hrs. 139.39’ (blw mp) 137.39’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 1245 hrs. 139.37’ (blw mp) 137.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1300 hrs. 139.39’ (blw mp) 137.39’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Note: Performed water test for communication. Added 1-gallon of water this visit.**
d. **09-18-2012 @ 1140 hrs. 139.43’ (blw mp) 137.43’ (blw LS). Atmospheric. Electric tape. CNRWA msmt. Note: Found well to be in good communication with aquifer.**
e. **09-24 2013 @ 1350 hrs. 139.35’ (blw mp) 137.35’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 1402 hrs. 139.37’ (blw mp) 137.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-03-2015 @ 1421 hrs. 139.37’ (blw mp) 137.37’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 1312 hrs. 139.48’ (blw mp) 137.48’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 1247 hrs. 139.52’ (blw mp) 137.52’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1251 hrs. 139.28’ (blw mp) 137.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1337 hrs. 139.23’ (blw mp) 137.23’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1322 hrs. 139.20’ (blw mp) 137.20’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1240 hrs. 139.18’ (blw mp) 137.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1311 hrs. 139.24’ (blw mp) 137.24’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1245 hrs. 139.01’ (blw mp) 137.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 1330 hrs. 138.94’ (blw mp) 136.94’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **10-21-2025 @ 1412 hrs. 138.73’ (blw mp) 136.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-12-2026 @ 0959 hrs. 138.81’ (blw mp) 136.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

K. HA 178A BUTTE VALLEY---NORTHERN PART

1. **SITE ID: 402625114543001. 178A N30 E63 Section 31ba 1. Nevada Log # 6515. ITCAINA STOCK WELL. GPS LOCATION: 402632.7/1145441.7 NAD83. Owner: SORENSEN. Location: Elko County.**

a. **06-04-2009 @ 1121 hrs. 47.63’ (blw mp) 47.03’(blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 1515 hrs. 47.64’ (blw mp) 47.04’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1443 hrs. 47.68’ (blw mp) 47.08’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-18-2012 @ 1315 hrs. 47.76’ (blw mp) 47.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-24-2013 @ 1530 hrs. 47.78’ (blw mp) 47.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **10-09-2014 @ 1602 hrs. 47.82’ (blw mp) 47.22’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-03-2015 @ 1616 hrs. 47.80’ (blw mp) 47.20’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @1503 hrs. 47.83’ (blw mp) 47.23’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 1401 hrs. 47.23’ (blw mp) 46.63’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1439 hrs. 47.15’ (blw mp) 46.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1530 hrs. 47.32’ (blw mp) 46.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1436 hrs. 47.41’ (blw mp) 46.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1410 hrs. 47.78’ (blw mp) 47.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1410 hrs. 47.90’ (blw mp) 47.30’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1435 hrs. 47.48’ (blw mp) 46.88’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 1444 hrs. 47.40’ (blw mp) 46.80’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **11-05-2025 @ 0921 hrs. 48.65’ (blw mp) 48.05’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-12-2026 @ 1235 hrs. 47.70’ (blw mp) 47.01’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

2. **SITE ID: 402040114581601. 178A N29 E62 Section 34dc 1. Nevada Log # 32907. NORTH PASTURE WELL. GPS LOCATION: 402039.7/1145816.5 NAD83. Owner: USBLM. Location: Elko County.**

a. **06-04-2009 @ 1247 hrs. 11.97’ (blw mp) 10.47’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **09-06-2010 @ 1420 hrs. 11.80’ (blw mp) 10.30’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2011 @ 1414 hrs. 11.39’ (blw mp) 9.89’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-18-2012 @ 1250 hrs. 11.90’ (blw mp) 10.40’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

e. **09-24-2013 @ 1500 hrs. 11.85’ (blw mp) 10.35’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **10-09-2014 @ 1528 hrs. 12.46’ (blw mp) 10.96’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-03-2015 @ 1552 hrs. 12.77’ (blw mp) 11.27’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-09-2016 @ 1437 hrs. 12.62’ (blw mp) 11.12’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-19-2017 @ 1325 hrs. 12.14’ (blw mp) 10.64’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1415 hrs. 12.46’ (blw mp) 10.96’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1502 hrs. 12.35’ (blw mp) 10.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1410 hrs. 12.73’ (blw mp) 11.23’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2021 @ 1347 hrs. 12.95’ (blw mp) 11.45’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1335 hrs. 12.91’ (blw mp) 11.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1410 hrs. 11.78’ (blw mp) 10.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2024 @ 1414 hrs. 12.10’ (blw mp) 10.60’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **11-05-2025 @ 1001 hrs. 12.71’ (blw mp) 11.21’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-12-2026 @ 1201 hrs. 13.05’ (blw mp) 11.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

L. HA 176 RUBY Valley

1. **SITE ID: 404315115082701. 176 N33 E60 Section 24ddda1. Nevada Log # 3053. POLE CREEK WELL. GPS LOCATION: 404308.5/1150826.6 NAD83. Owner: USBLM. Location: Elko County.**

a. **09-07-2010 @ 0700 hrs. 152.60’ (blw mp) *152.25’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. * NOTE: Correction to DTW blw LS. MP height is +0.35’ above LS.**
b. **09-20-2011 @ 0700 hrs. 154.80’ (blw mp) 154.45’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-19-2012 @ 0700hrs. 153.97’ (blw mp) 153.62’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**

d. **09-24-2013 @ 0700 hrs. Unable to procure measurement with Steel Tape-CNRWA**
e. **10-10-2014 @ 0830 hrs. 152.45' (blw mp) 152.10' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-04-2015 @ 0819 hrs. 153.14' (blw mp) 152.79' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2016 @ 0758 hrs. 153.45' (blw mp) 153.10' (blw LS). Atmospheric Electric Tape. CNRWA msmt.**
h. **09-20-2017 @ 0730 hrs. 152.92' (blw mp) 152.57' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Drill out measuring port to remove burrs.**
i. **09-12-2018 @ 0747 hrs. 152.52' (blw mp) 152.17' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Drill out measuring port to remove burrs.**
j. **08-17-2019 @ 0743 hrs. 152.37' (blw mp) 152.02' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-22-2020 @ 0810 hrs. 151.93' (blw mp) 151.58' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-24-2021 @ 0710 hrs. 152.64' (blw mp) 152.29' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2022 @ 0725 hrs. 153.50' (blw mp) 153.15' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-28-2023 @ 0737 hrs. 154.07' (blw mp) 153.72' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-13-2024 @ 0716 hrs. Found Well Pumping For Tank Fill.**
p. **11-04-2025 @ 1258 hrs. 152.29' (blw mp) 151.94' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **09-12-2026 @ 1258 hrs. 177.31' (blw mp) 176.96' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well is pumping, not static measurement.**

2. SITE ID: 401818115210001. 176 N28 E59 Section 17caca1. Nevada Log #: 24760. USBLM STOCK WELL. GPS LOCATION: 401810.7/1152059.6 NAD83. Owner: USBLM. Location: Elko County.

a. **09-07-2010 @1000 hrs. 55.60' (blw mp) 54.19' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
b. **09-20-2011 @ 0830 hrs. 54.16' (blw mp) 52.75' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-19-2012 @ 0830 hrs. 54.17' (blw mp) 52.76' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-25-2013 @ 0820 hrs. 54.32' (blw mp) 52.91' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **10-10-2014 @ 1015 hrs. 55.20' (blw mp) 53.79' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-04-2015 @ 0955 hrs. 55.32’ (blw mp) 53.91’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2016 @ 0912 hrs. 55.48’ (blw mp) 54.07’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-20-2017 @ 0840 hrs. 55.12’ (blw mp) 53.71’ (blw LS). Atmospheric. Electric tape CNRWA msmt.**
i. **09-12-2018 @ 0921 hrs. 55.15’ (blw mp) 53.74’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **08-17-2019 @ 0902 hrs. 55.13’ (blw mp) 53.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-22-2020 @ 0945 hrs. 55.16’ (blw mp) 53.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-24-2021 @ 0845 hrs. 55.37’ (blw mp) 53.96’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-23-2022 @ 0906 hrs. 55.59’ (blw mp) 54.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-28-2023 @ 0911 hrs. 55.25’ (blw mp) 53.84’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
o. **09-13-2024 @ 0851 hrs. 55.12’ (blw mp) 53.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-04-2025 @ 1559 hrs. 55.25’ (blw mp) 53.84’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **09-13-2026 @ 0923 hrs. 55.44’ (blw mp) 54.03’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

3. SITE ID: 400119115274801. 176 N25 E58 Section 29abdc1. Nevada Log #: 88248. USGS RUBY VALLEY 1 SHALLOW WELL. (RV-1 SHALLOW). GPS LOCATION: 400119.0/1152748.0 FROM MAP. Owner: USGS-WRD. Location: Elko County.

a. **09-07-2010 @ 1130 hrs. 129.38’ (blw mp) 129.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **09-20-2011 @ 0940 hrs. 129.45’ (blw mp) 129.45’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2012 @ 0930 hrs. 129.54’ (blw mp) 129.54’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-25-2013 @ 0910 hrs. 129.57’ (blw mp) 129.57’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **10-10-2014 @ 1113 hrs. 129.53’ (blw mp) 129.53’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-04-2015 @ 1122 hrs. 129.55’ (blw mp) 129.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

g. **09-10-2016 @ 1014 hrs. 129.67’ (blw mp) 129.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-20-2017 @ 0957 hrs. 129.71’ (blw mp) 129.71’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-12-2018 @ 1032 hrs. 129.76’ (blw mp) 129.76’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **08-17-2019 @ 1002 hrs. 129.80’ (blw mp) 129.80’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-22-2020 @ 1039 hrs. 129.83’ (blw mp) 129.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-24-2021 @ 1012 hrs. 129.80’ (blw mp) 129.80’ (blw LS). Atmospheric. Electric Tape. USF&W msmt. USF&W personnel on site. Used their msmt.**
m. **09-23-2022 @ 1015 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
n. **09-28-2023 @ 0955 hrs. 129.80’ (blw mp) 129.80’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-13-2024 @ 1015 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **11-04-2025 @ 1510 hrs. 129.70’ (blw mp) 129.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **09-13-2026 @ 1047 hrs. 129.79’ (blw mp) 129.79’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

4. SITE ID: 400119115274802. 176 N25 E58 Section 29abdc2. Nevada Log # 88249. USGS RUBY VALLEY 1 DEEP WELL. (RV-1 DEEP). GPS LOCATION: 400119.0/1152748.0 FROM MAP. Owner: USGS-WRD. Location: Elko County.

a. **09-07-2010 @ 1130 hrs. 129.42’ (blw mp) 129.42’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **09-20-2011 @ 0940 hrs. 129.47’ (blw mp) 129.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-19-2012 @ 0930 hrs. 129.53’ (blw mp) 129.53’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-25-2013 @ 0915 hrs. 129.55’ (blw mp) 129.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **10-10-2014 @ 1115 hrs. 129.55’ (blw mp) 129.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-04-2015 @ 1125 hrs. 129.58’ (blw mp) 129.58’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-10-2016 @ 1015 hrs. 129.72’ (blw mp) 129.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

h. **09-20-2017 @ 1002 hrs. 129.73’ (blw mp) 129.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-12-2018 @ 1033 hrs. 129.77’ (blw mp) 129.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **08-17-2019 @ 1004 hrs. 129.79’ (blw mp) 129.79’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-22-2020 @ 1041 hrs. 129.81’ (blw mp) 129.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-24-2021 @ 1014 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric Tape. USF&W msmt.**
m. **09-23-2022 @ 1017 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
n. **09-28-2023 @ 0958 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-13-2024 @ 1016 hrs. 129.82’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
p. **11-04-2025 @ 1511 hrs. 129.70’ (blw mp) 129.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **09-13-2026 @ 1047 hrs. 129.81’ (blw mp) 129.81’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

M. HA 174 JAKES VALLEY

1. SITE ID: 391529115151301. 174 N16 E60 Section 18aadb1. No Drillers Log. JAKES VALLEY LARGE DIAMETER STOCK WELL. GPS LOCATION: 391529.0/1151513.0 NAD83. Owner: Gardner Ranch- White River. Location: White Pine County.

a. **05-06-2009 @ 1208 hrs. 342.02’ (blw mp) 340.72’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-23-2010 @ 1030 hrs. 338.89’ (blw mp) 337.59’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2011 @ 1420 hrs. 342.14’ (blw mp) 340.84’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-19-2012 @ 1410 hrs. 345.00’ (blw mp) 343.70’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-25-2013 @ 1300 hrs. 348.65’ (blw mp) 347.35’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **09-27-2014 @ 0900 hrs. 349.10’ (blw mp) 347.80’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. HEAVY RAIN IN VALLEY LAST NIGHT.**

g. **09-02-2015 @1348 hrs. 349.48’ (blw mp) 348.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-08-2016 @ 1440 hrs. 346.85’ (blw mp) 345.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-18-2017 @ 1436 hrs. 354.52’ (blw mp) 353.22’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-10-2018 @ 1547 hrs. 350.08’ (blw mp) 348.78’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-15-2019 @ 1457 hrs. 341.98’ (blw mp) 340.68’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-20-2020 @1533 hrs. 350.42’ (blw mp) 349.12 (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-22-2021 @ 1510 hrs. 346.40’ (blw mp) 345.10’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-21-2022 @ 1425 hrs. 345.70’ (blw mp) 344.40’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-26-2023 @ 1500 hrs. 340.48’ (blw mp) 339.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-11-2024 @ 1554 hrs. Well Pumping via 5000 KW generator. Many Cattle Here.**
q. **10-22-2025 @ 1138 hrs. 348.46’ (blw mp) 347.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well not pumping.**
r. **09-04-2026 @ 1359 hrs. 341.79’ (blw mp) 340.49’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well not pumping.**

N. HA 207 WHITE RIVER VALLEY

1. SITE ID: 390612115134801. 207 N14 E60 Section 04d 1. Nevada Log # 10849. MIDWAY WELL. GPS LOCATION: 390611.8/1151348.4 NAD83. Owner: USBLM. Location: White Pine County.

a. **05-06-2009 @ 1022 hrs. 123.90’ (blw mp) 123.50’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **03-23-2010 @ 1015 hrs. 123.42’ (blw mp) 123.02’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-20-2011 @ 1500 hrs. 124.85’ (blw mp) 124.45’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-19-2012 @ 1445 hrs. Well Being Pumped.**
e. **09-25-2013 @ 1330 hrs. 126.78’ (blw mp) 126.38’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **09-27-2014 @ 1004 hrs. 127.01’ (blw mp) 126.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. HEAVY RAIN IN VALLEY LAST NIGHT.**

g. **09-02-2015 @ 1638 hrs. 127.18’ (blw mp) 126.78’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-08-2016 @ 1546 hrs. 131.03’ (blw mp) 130.63’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well pumped within the last 72 hrs. Tanks full. Many cattle at well.**
i. **09-18-2017 @ 1528 hrs. 129.24’ (blw mp) 128.84’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-10-2018 @ 1628 hrs. 130.07’ (blw mp) 129.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Stock tank full.**
k. **08-15-2019 @ 1547 hrs. 129.56’ (blw mp) 129.16’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-20-2020 @ 1622 hrs. 130.28’ (blw mp) 129.88’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-22-2021 @ 1556 hrs. 131.07’ (blw mp) 130.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-21-2022 @ 1604 hrs. 131.27’ (blw mp) 130.87’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-26-2023 @ 1542 hrs. 131.15’ (blw mp) 130.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-11-2024 @ 1632 hrs. 137.90’ (blw mp) 137.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well Solarized and Fenced (Logs). Pond Brim Full. Well Has Been Pumped.**
q. **10-22-2025 @ 1229 hrs. 139.61’ (blw mp) 139.21’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-04-2026 @ 1509 hrs. 141.19’ (blw mp) 140.79’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

O. HA 143 CLAYTON VALLEY

1. **SITE ID: 374422117393001. 143 S02 E39 Section 28bdbb1. Nevada Log # 88447. SILVER PEAK WELL W-02. GPS LOCATION: 374421.4/1173933.3 WGS84. Owner: Esmeralda County. Location: Esmeralda County.**
a. **09-10-2007 @ 1545 hrs. 238.40’ (blw mp) 236.40’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **06-10-2010 @ 1045 hrs. 238.77’ (blw mp) 236.77’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. NOTE: DTW blw LS is a corrected value for this date.**
c. **10-11-2011 @ 1145 hrs. 239.02’ (blw mp) 237.02’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-13-2012 @ 1000 hrs. 239.41’ (blw mp) 237.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-23-2013 @ 0900 hrs. 239.61’ (blw mp) 237.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-15-2014 @ 1315 hrs. 239.83’ (blw mp) 237.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-24-2015 @ 1053 hrs. 240.26’ (blw mp) 238.26’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-26-2016 @ 0922 hrs. 240.47’ (blw mp) 238.47’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **10-05-2017 @ 1000 hrs. 240.95’ (blw mp) 238.95’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-25-2018 @ 1039 hrs. 241.34’ (blw mp) 239.34’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-30-2019 @ 1014 hrs. 241.49’ (blw mp) 239.49’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **10-15-2020 @ 1006 hrs. 241.73’ (blw mp) 239.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **10-16-2021 @ 1156 hrs. 242.51’ (blw mp) 240.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2022 @ 1031 hrs. WELL PUMPING FOR TANKER TRUCK FILL. 240.77’ (blw LS). Reported by NDWR 04-06-2022.**
o. **10-16-2023 @ 1135 hrs. Upon arrival-found WL measuring device installed down measuring port and sealed. DID NOT DISTURBE. 241.13’ (blw LS). Reported by NDWR 03-29-2023.**
p. **09-22-2024 @ 1400 hrs. 243.30’ (blw mp) 241.30 (blw LS). Atmospheric. Steel Tape. CNRWA msmt. All sucker pipe/pump removed. WL tape gone. Easy msmt./no obstructions.**
q. **11-13-2025 @ 0912 hrs. 245.21’ (blw mp) 243.21’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Heavily used. 2 water trucks waiting to fill.**
r. **09-25-2026 @ 0955 hrs. 246.61’ (blw mp) 244.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Measured immediately after water truck filled.**

2. SITE ID: 374633117320201. 143 S02 E40 Section 10cc 1. No Log. NORTH CLAYTON VALLEY STOCK WELL. GPS LOCATION: 3746.537/11732.020 NAD83. Owner Unknown. Location: Esmeralda County.

a. **09-11-2011 @ 1315 hrs. 176.55’ (blw mp) 174.96’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
b. **09-13-2012 @ 1120 hrs. 179.52’ (blw mp) 177.93’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-22-2013 @ 0920 hrs. 172.74’ (blw mp) 171.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-15-2014 @ 1451 hrs. 171.05’ (blw mp) 169.46’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **09-24-2015 @ 1020 hrs. 173.32’ (blw mp) 171.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-26-2016 @ 0835 hrs. Found well dry. Sounds at approx. 200'+/-. Returned 09-26-2016 @ 1046 hrs. for second check measurement. Confirm well dry. New Lithium mining complex ¾ mile north from this well.**
g. **10-05-2017 @ 0928 hrs. Well Dry. Two new, large Lithium distillation ponds 1-mile north.**
h. **09-25-2018 @ 1007 hrs. Well Dry.**
i. **08-30-2019 @ 0955 hrs. Well Dry. Lithium distillation ponds now extensive.**
j. **10-15-2020 @ 0947 hrs. Well Dry.**
k. **10-16-2021 @ 1130 hrs. Well Dry.**
l. **10-21-2022 Well Dry**
m. **10-16-2023 Well Dry**
n. **10-07-2024 Well Dry**
o. **11-13-2025 @ 0839 hrs. Well Dry**
p. **09-25-2026 @ 0901 hrs. Well Dry**

3. SITE ID: 374036117392901. 143 S03 E39 Section 16ca 1. No Log. SOUTH CLAYTON VALLEY UNUSED STOCK WELL. GPS LOCATION: 374039.3/1173934.0 WGS 84. Owner: Unknown. Location: Esmeralda County. NOTE: Water Level Data were collected at this well from 01-19-1967 to 09-20-2012. Well now dry.

a. **09-10-2007 @ 1625 hrs. 52.10' (blw mp) 51.30' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **06-10-2010 @ 1115 hrs. 52.60' (blw mp) 51.80' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-11-2011 @ 1215 hrs. 54.35' (blw mp) 53.55' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-20-2012 @ 1310 hrs. 52.92' (blw mp) 52.12' (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-22-2013 @ 0830 hrs. WELL DRY.**
f. **09-15-2014 @ 1355 hrs. WELL DRY.**
g. **09-24-2015 @ 1126 hrs. WELL DRY.**
h. **09-26-2016 @ 0956 hrs. WELL DRY.**
i. **10-05-2017 @ 1035 hrs. WELL DRY.**
j. **10-07-2024 No visit. Assume well is dry.**
k. **11-13-2025 @ 0959 hrs. Well Dry**
l. **09-25-2026 @ 1033 hrs. Well Dry**

P. HA 142 ALKALI SPRINGS VALLEY

1. **SITE ID: 375212117143901. 142 S01 E42 Section 10adbd1. Nevada Log # 23148. GOLDFIELD # 1. GPS LOCATION: 37.87349/117.24604 WGS84. Owner: Esmeralda County. Location: Esmeralda County.**

a. **09-11-2007 @ NO TIME. 197.28' (blw mp) 196.78' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
b. **06-10-2010 @ NO TIME. 196.41' (blw mp) 195.91' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **10-11-2011 @ NO TIME. 205.14' (blw mp) 204.64' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. NOTE: DTW blw LS is a corrected value. MP height is +0.5' abv LS.**
d. **09-13-2012 @ NO TIME. 199.34' (blw mp) 198.84' (blw LS). Atmospheric Electric Tape. CNRWA msmt.**
e. **09-22-2013 @ 1040 hrs. 197.69' (blw mp) 197.19' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-15-2014 @ 1117 hrs. 196.84' (blw mp) 196.34' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-24-2015 @ 0900 hrs. 196.97' (blw mp) 196.47' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-26-2016 @ 0800 hrs. 197.61' (blw mp) 197.11' (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Well is off Line.**
i. **10-05-2017 @ 0820 hrs. 197.57' (blw mp) 197.05' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-25-2018 @ 0813 hrs. 197.32' (blw mp) 196.82' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-30-2019 @ 0815 hrs. 198' (blw LS). WL reported by ESCOPW.**
l. **10-15-2020 @ 0842 hrs. 200' (blw LS). WL reported by ESCOPW.**
m. **09-08-2021 N/T 200.68' (blw LS). WL reported by ESCOPW.**
n. **09-08-2022 GOLDFIELD #1 now plugged and abandoned. Reported by ESCOPW.**

2. **SITE ID: 375519117194001. 142 N01 E41 Section 26a 1. No Drillers Log. NORTH ALKALI FLAT WELL. GPS LOCATION: 37.90611/117.33994 WGS84. Owner: Unknown. Location: Esmeralda County.**

a. **10-21-1913 61' (blw LS). HISTORICAL USGS msmt.**
b. **04-02-1984 61.71' (blw LS). HISTORICAL USGS msmt.**
c. **09-11-2007 @ NO TIME 61.98' (blw mp) 61.48' (blw LS). Atmospheric. Electric Tape. USGS msmt.**
d. **06-10-2010 @ NO TIME 62.00' (blw mp) 61.50' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
e. **10-11-2011 @ NO TIME 62.07' (blw mp) 61.57' (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

f. **09-13-2012 @ 1230 hrs. 62.09’ (blw mp) 61.59’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-22-2013 @ 1000 hrs. 62.12’ (blw mp) 61.62’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-15-2014 @ 0919 hrs. 62.13’ (blw mp) 61.63’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **09-23-2015 @ 1548 hrs. 62.10’ (blw mp) 61.60’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-25-2016 @ 1545 hrs. 62.11’ (blw mp) 61.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **10-05-2017 @ 0723 hrs. 62.14’ (blw mp) 61.64’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-25-2018 @ 0742 hrs. 62.20’ (blw mp) 61.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **08-30-2019 @ 0743 hrs. 62.18’ (blw mp) 61.68’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-15-2020 @ 0800 hrs. 62.23’ (blw mp) 61.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **10-16-2021 @ 0830 hrs. 62.24’ (blw mp) 61.72’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **10-21-2022 @ 0746 hrs. 62.17’ (blw mp) 61.67’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
q. **10-16-2023 @ 0722 hrs. 62.25’ (blw mp) 61.75’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **10-07-2024 @ 0802 hrs. 62.35’ (blw mp) 61.85’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
s. **11-13-2025 @ 1409 hrs. Found oil in the well. Unable to get accurate measurement. Oil contamination reported to NDWR and DNR.**
t. **09-25-2026 @ 1337 hrs. 62.19’ (blw mp) 61.69’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. NDWR lists this well as the Gottshalks Well, permit 9700. Reported oily in 2019 and 2021. Old windmill, since removed, pipe contaminated with oil. Note: There is no oil when measuring the casing instead of the pipe. Oil appears to be trapped in the pipe and did not enter the groundwater.**

3. SITE ID: 374401117140501. 142 S02 E42 Section 26caa 1. Nevada Log # 25123. GOLDFIELD MINE WELL. GPS LOCATION: 37.73500/117.23661 WGS84. Owner: Unknown. Location: Esmeralda County.

a. **09-11-2007 @ NO TIME. 59.29’ (blw mp) 58.12’ (blw LS). Atmospheric. Electric Tape. USGS msmt.**

b. **06-10-2010 @ NO TIME. 59.73’ (blw mp) 58.56’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **06-10-2011 @ NO TIME. 59.50’ (blw mp) 58.33’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **09-13-2012 @ NO TIME. 72.47’ (blw mp) 71.30’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **09-22-2013 @ NO TIME. 75.79’ (blw mp) 74.62’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **09-15-2014 @ 1018 hrs. 77.35’ (blw mp) 76.18’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-23-2015 @ 1700 hrs. 79.27’ (blw mp) 78.10’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
h. **09-25-2016 @ 1627 hrs. 80.68’ (blw mp) 79.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **10-05-2017 @ 0835 hrs. 81.90’ (blw mp) 80.73’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-25-2018 @ 0909 hrs. 83.91’ (blw mp) 82.74’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-30-2019 @ 0847 hrs. Well pumping for mining activity. (Gemfield Gold Corp.).**
l. **10-15-2020 No access to well. Entire right of way fenced for mining activity.**
m. **10-16-2021 @ 1026 hrs. 95.71’ (blw mp) 94.54’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **10-21-2022 @ 0923 hrs. 96.55’ (blw mp) 95.38’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. Logged new access route from Goldfield to well.**
o. **10-16-2023 @ 0853 hrs. 100.77’ (blw mp) 99.60’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **07-18-2024: 95.65’ (blw LS). Reported. Mountain Valley Professionals-Reno, NV. John Barber. New Pump installed. Measurements problematic.**
q. **11-18-2025: @ 1123 hrs. 92.12’ (blw mp) 90.95’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. 2.23” rainfall prior week. Well not pumped regularly during past year. Mine is ramping up construction and will pump well at greater volume next year.**
r. **09-02-2026: 269.10’ (blw LS). Reported. Mountain Valley Professionals-Reno, NV. John Barber. Mine reports it is aggressively pumping well.**

SITE ID: 375041117212401. 142 S01 E41 Section 22aacb1. No Drillers Log. USGS MX-43. GPS Location: 37.84344 117.35663 WGS84. Owner: USGS-WRD. Location: Esmeralda County.

a. **11-19-1991 131.6’ (blw LS). Reported.**
b. **10-21-2022 @ 0830 hrs. 94.48’ (blw mp) 91.78’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

c. **10-16-2023 @ 0802 hrs. 94.62’ (blw mp) 91.92’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **10-07-2024 @ 0900 hrs. 94.80’ (blw mp) 92.10’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
e. **11-29-2025 @ 0810 hrs. 94.85’ (blw mp) 92.15’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-25-2026 @ 1413 hrs. 94.79’ (blw mp) 92.09’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

Q. HA 177 CLOVER VALLEY

1. SITE ID: 403515114571701. 177 N31 E62 Section 03a 1. Nevada Log # 4575. SPRUCE WELL. GPS LOCATION: 40.59586/114.95345 NAD83. Owner: Saving America’s Mustangs. Location: Elko County.

a. **08-24-1948 129.75’ (blw LS) HISTORICAL USGS msmt.**
b. **09-19-2011 @ 1515 hrs. 137.77’ (blw mp) 136.32’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
c. **09-18-2012 @ 1445 hrs. 139.47’ (blw mp) 138.02’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
d. **09-24-2013 @ 1600 hrs. 130.76’ (blw mp) 129.31’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. NOTE: DTW blw LS is a corrected value. Measurement was checked twice.**
e. **10-09-2014 @ 1646 hrs. 130.76’ (blw mp) 129.31’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
f. **10-09-2014 @ 1650 hrs. 130.75’ (blw mp) 129.30’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt. THIS IS A CHECK MEASUREMENT.**
g. **09-03-2015 @ 1656 hrs. WELL HEAD RE-CONFIGURED WITH STEEL PLATE FOR NEW SUBMERSIBLE PUMP. NO MEASURING PORT, NO ENTRY. “JACK PUMP” REMOVED. DTW: 129.50 feet, reported by NDWR on 03-06-2015.**
h. **09-09-2016 @ 1603 hrs. 131.06’ (blw mp) 129.61’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt. New measuring port in place.**
i. **09-19-2017 @ 1430 hrs. 131.15’ (blw mp) 129.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-11-2018 @ 1517 hrs. 130.95’ (blw mp) 129.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **08-16-2019 @ 1605 hrs. 131.00’ (blw mp) 129.55’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-21-2020 @ 1500 hrs. 131.27’ (blw mp) 129.82’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

m. **09-23-2021 @ 1445 hrs. 130.96’ (blw mp) 129.51’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
n. **09-22-2022 @ 1440 hrs. 131.04’ (blw mp) 129.59’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
o. **09-27-2023 @ 1510 hrs. 130.85’ (blw mp) 129.40’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
p. **09-12-2024 @ 1515 hrs. 130.86’ (blw mp) 129.41’ blw LS). Atmospheric. Electric tape. CNRWA msmt.**
q. **11-05-2025 @ 0842 hrs. 129.74’ (blw mp) 128.29’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
r. **09-12-2026 @ 1318 hrs. 130.71’ (blw mp) 129.26’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

2. SITE ID: To Be Determined. 177 N36 E62 Section 27dcbd1. No Well Log. GRAVEL PIT WELL. GPS LOCATION: 40.96922/114.95340 NAD83. Owner: Unknown. Location: Elko County.

a. **09-19-2011 @ 1600 hrs. 43.91’ (blw mp) 43.41’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
b. **09-18-2012 @ 1430 hrs. 44.15’ (blw mp) 43.65’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
c. **09-24-2013 @ 1630 hrs. 45.00’ (blw mp) 44.50’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
d. **10-10-2014 @ 0737 hrs. NO MEASUREMENT. COULD NOT LOCATE WELL HEAD.**
e. **09-03-2015 @ 1734 hrs. 46.42’ (blw mp) 45.92’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
f. **09-10-2016 @ 0716 hrs. 47.20’ (blw mp) 46.70’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
g. **09-19-2017 @ 1507 hrs. 46.13’ (blw mp) 45.63’ (blw LS). Atmospheric. Steel Tape. CNRWA msmt.**
h. **09-11-2018 @ 1607 hrs. 46.78’ (blw mp) 46.28’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
i. **08-16-2019 @ 1642 hrs. 46.50’ (blw mp) 46.00’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
j. **09-21-2020 @ 1543 hrs. 46.90’ (blw mp) 46.40’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
k. **09-23-2021 @ 1530 hrs. 47.89’ (blw mp) 47.39’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
l. **09-22-2022 @ 1520 hrs. 48.82’ (blw mp) 48.32’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
m. **09-27-2023 @ 1547 hrs. 48.33’ (blw mp) 47.83’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**

n. **09-12-2024 @ 1600 hrs. 47.74’ (blw mp) 47.24’ (blw LS). Atmospheric. Electric tape. CNRWA msmt.**
o. **11-05-2025 @ 0740 hrs. 48.37’ (blw mp) 47.87’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**
p. **09-12-2026 @ 1518 hrs. 49.06’ (blw mp) 48.56’ (blw LS). Atmospheric. Electric Tape. CNRWA msmt.**